

# CEMENT JOB REPORT



|   |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
|---|-----------------|---|--------------------------------|--|------------------------------------|---|----------------------|---|--------------------|----------------------|------------------|-----------------|
| <b>CUSTOMER</b> Gunnison Energy Corporation   |                 | <b>DATE</b> 08-JUL-10   | <b>F.R. #</b> 1001645150       |  | <b>SERV. SUPV.</b> TIMOTHY L HAFER |   |                      |   |                    |                      |                  |                 |
| <b>LEASE &amp; WELL NAME</b><br>OAK MESA UNIT HUGHES 1393 #12-22 - API 05029  |                 | <b>LOCATION</b><br>12-13S-93W   |                                | <b>COUNTY-PARISH-BLOCK</b><br>Delta Colorado   |                                    |   |                      |   |                    |                      |                  |                 |
| <b>DISTRICT</b><br>Grand Junction   |                 | <b>DRILLING CONTRACTOR RIG #</b>  |                                | <b>TYPE OF JOB</b><br>Surface  |                                    |   |                      |   |                    |                      |                  |                 |
| <b>SIZE &amp; TYPE OF PLUGS</b>   |                 | <b>LIST-CSG-HARDWARE</b>  |                                | <b>PHYSICAL SLURRY PROPERTIES</b>  |                                    |   |                      |   |                    |                      |                  |                 |
| Cement Plug, Rubber, Top 13-3/8 i   |                 | Float Collar, AI Flap, 13-3/8 - 8rd   |                                | <b>SACKS OF CEMENT</b>   | <b>SLURRY WGT PPG</b>              | <b>SLURRY YLD FT<sup>3</sup></b>                                  | <b>WATER GPS</b>     | <b>PUMP TIME HR:MIN</b>   | <b>Bbl SLURRY</b>  | <b>Bbl MIX WATER</b> |                  |                 |
|   |                 | Float Shoe 13-3/8 - 8rd   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| <b>MATERIALS FURNISHED BY BJ</b>  |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Fresh Water   |                 |   |                                |  | 8.34                               |   |                      |   |                    | 20                   |                  |                 |
| Premium Lite Cement   |                 |   |                                | 483  | 12.3                               | 2.09  | 11.62                | 03:55   | 180                | 133.79               |                  |                 |
| Type III  |                 |   |                                | 150  | 14.2                               | 1.47  | 7.34                 | 01:55   | 39                 | 26.03                |                  |                 |
| H2O   |                 |   |                                |  | 8.34                               |   |                      |   |                    | 123.5                |                  |                 |
| Type III Cement   |                 |   |                                | 0  | 14.2                               | 1.46  | 7.34                 |   | 0                  | 0                    |                  |                 |
| Available Mix Water <u>500</u> Bbl.   |                 | Available Displ. Fluid <u>320</u> Bbl.  |                                | <b>TOTAL</b>   |                                    |   |                      |   | <b>362.5</b>       | <b>159.82</b>        |                  |                 |
| <b>HOLE</b>   |                 |   | <b>TBG-CSG-D.P.</b>            |  |                                    |   | <b>COLLAR DEPTHS</b> |   |                    |                      |                  |                 |
| <b>SIZE</b>   | <b>% EXCESS</b> | <b>DEPTH</b>  | <b>SIZE</b>                    | <b>WGT.</b>  | <b>TYPE</b>                        | <b>DEPTH</b>  | <b>GRADE</b>         | <b>SHOE</b>   | <b>FLOAT</b>       | <b>STAGE</b>         |                  |                 |
| 17.5  | 125             | 800   | 13.375                         | 54.5   | CSG                                | 800   | J-55                 | 799   | 759                | 0                    |                  |                 |
| <b>LAST CASING</b>  |                 |   | <b>PKR-CMT RET-BR PL-LINER</b> |  |                                    | <b>PERF. DEPTH</b>  |                      | <b>TOP CONN</b>   |                    | <b>WELL FLUID</b>    |                  |                 |
| <b>SIZE</b>   | <b>WGT</b>      | <b>TYPE</b>   | <b>DEPTH</b>                   | <b>BRAND &amp; TYPE</b>  |                                    | <b>DEPTH</b>  | <b>TOP</b>           | <b>BTM</b>  | <b>SIZE</b>        | <b>THREAD</b>        | <b>TYPE</b>      | <b>WGT.</b>     |
| 20  | 90              |   | 60                             | no packer  |                                    | 0   | 0                    | 0   | 13.375             | 8 RND                | WATER BASED MU   | 10              |
| <b>DISPL. VOLUME</b>  |                 | <b>DISPL. FLUID</b>   |                                | <b>CAL. PSI</b>  | <b>CAL. MAX PSI</b>                | <b>OP. MAX</b>  | <b>MAX TBG PSI</b>   |   | <b>MAX CSG PSI</b> |                      | <b>MIX WATER</b> |                 |
| <b>VOLUME</b>   | <b>UOM</b>      | <b>TYPE</b>   | <b>WGT.</b>                    | <b>BUMP PLUG</b>   | <b>TO REV.</b>                     | <b>SQ. PSI</b>  | <b>RATED</b>         | <b>Operator</b>   | <b>RATED</b>       | <b>Operator</b>      |                  |                 |
| 123.5   | BBLs            | H2O   | 8.34                           | 728  | 0                                  | 0   | 0                    | 0   | 2730               | 2184                 | rig tank         |                 |
| <b>Circulation Prior to Job</b>   |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Circulated Well: RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>  |                 |   |                                | Circulation Time: 2  |                                    |   |                      | Circulation Rate: 5 BPM   |                    |                      |                  |                 |
| Mud Density In: 10 LBS/GAL  |                 |   |                                | Mud Density Out: 10 LBS/GAL  |                                    |   |                      | PV & YP Mud In: 0   |                    | PV & YP Mud Out: 0   |                  |                 |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>  |                 |   |                                | Units:   |                                    |   |                      | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> |                    |                      |                  |                 |
| <b>Displacement And Mud Removal</b>   |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Displaced By: RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>   |                 |   |                                | Amount Bled Back After Job: 1 BBLs   |                                    |   |                      |   |                    |                      |                  |                 |
| Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL   |                 |   |                                | Method Used to Verify Returns: visual  |                                    |   |                      |   |                    |                      |                  |                 |
| Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |                 |   |                                | Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |                                    |   |                      |   |                    |                      |                  |                 |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE                 |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES   |                 |   |                                | Quantity: 10   |                                    | Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID |                      |   |                    |                      |                  |                 |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| <b>Plugs</b>  |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Number of Attempts by BJ: _____   |                 |   |                                | Competition: _____   |                                    |   |                      | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES                     |                    |                      |                  | Quantity: _____ |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  |                 |   |                                | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES                    |                                    |   |                      |   |                    |                      |                  |                 |
| Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES   |                 |   |                                | Top of Plug: FT _____  |                                    | Bottom of Plug: FT _____  |                      |   |                    |                      |                  |                 |
| <b>Squeezes (Update Original Treatment Report for Primary Job)</b>  |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| BLOCK SQUEEZE <input type="checkbox"/>  |                 | SHOE SQUEEZE <input type="checkbox"/>   |                                | TOP OF LINER SQUEEZE <input type="checkbox"/>  |                                    | PLANNED <input type="checkbox"/>                                  |                      | UNPLANNED <input type="checkbox"/>  |                    |                      |                  |                 |
| Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES   |                 | Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |                                | PSI Applied: _____   |                                    | Fluid Weight: LBS/GAL _____                                       |                      |   |                    |                      |                  |                 |
| <b>Casing Test (Update Original Treatment Report for Primary Job)</b>   |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Casing Test Pressure: _____ PSI   |                 |   |                                | With _____ LBS/GAL   |                                    | Mud _____   |                      | Time Held: _____ Hours _____ Minutes  |                    |                      |                  |                 |
| <b>Shoe Test (Update Original Treatment Report for Primary Job)</b>   |                 |   |                                |  |                                    |   |                      |   |                    |                      |                  |                 |
| Depth Drilled out of Shoe: _____ FT   |                 |   |                                | Target EMW: _____ LBS/GAL  |                                    | Actual EMW: _____ LBS/GAL   |                      |   |                    |                      |                  |                 |
| Number of Times Tests Conducted: _____  |                 |   |                                | Mud Weight When Test was Conducted: _____ LBS/GAL  |                                    |   |                      |   |                    |                      |                  |                 |

# CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

| PRESSURE/RATE DETAIL   |                                 |  |  |                                  |                                | EXPLANATION  |                                      |
|--|---------------------------------|--|--|----------------------------------|--------------------------------|--|--------------------------------------|
| TIME<br>HR:MIN.  | PRESSURE - PSI                  |  | RATE<br>BPM                              | Bbl. FLUID<br>PUMPED             | FLUID<br>TYPE                  | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> |                                      |
|  | PIPE                            | ANNULUS  |  |                                  |                                | TEST LINES   | 3769 PSI                             |
|  |                                 |  |  |                                  |                                | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>                   |                                      |
| 18:35  |                                 |  |  |                                  |                                | pickup arrived on location   |                                      |
| 20:30  |                                 |  |  |                                  |                                | trucks got to location   |                                      |
| 20:35  |                                 |  |  |                                  |                                | pre rig up meeting   |                                      |
| 21:30  |                                 |  |  |                                  |                                | pre job meeting  |                                      |
| 22:00  |                                 |  |  |                                  |                                | stab head  |                                      |
| 23:25  |                                 |  |  |                                  |                                | psi test to 3769 psi   |                                      |
| 23:38  | 123                             | 0  | 4  | 20                               | SPACER                         | spacer   |                                      |
| 23:40  | 200                             | 0  | 5.4                                      | 10                               | CMT                            | lead   |                                      |
| 23:50  | 199                             | 0  | 5  | 40                               | CMT                            | lead   |                                      |
| 00:00  | 189                             | 0  | 5  | 50                               | CMT                            | lead   |                                      |
| 00:28  | 90                              | 0  | 3  | 30                               | CMT                            | lead   |                                      |
| 00:41  | 98                              | 0  | 2.7                                      | 10                               | CMT                            | tail   |                                      |
| 00:47  | 98                              | 0  | 2.7                                      | 10                               | CMT                            | tail   |                                      |
| 00:51  | 98                              | 0  | 2.7                                      | 19                               | CMT                            | tail   |                                      |
| 00:57  |                                 |  |  |                                  |                                | drop plug  |                                      |
| 01:00  | 73                              | 0  | 4.1                                      | 10                               | H2O                            | displacement   |                                      |
| 01:07  | 174                             | 0  | 5.4                                      | 40                               | H2O                            | displacement   |                                      |
| 01:28  | 225                             | 0  | 4.1                                      | 50                               | H2O                            | displacement   |                                      |
| 01:31  | 275                             | 0  | 4.1                                      | 10                               | H2O                            | displacement   |                                      |
| 01:37  | 300                             | 0  | 2.5                                      | 13.5                             | H2O                            | displacement   |                                      |
| 01:37  |                                 |  |  |                                  |                                | bump plug @ 782 psi  |                                      |
|  |                                 |  |  |                                  |                                | check floats 1 bbl back  |                                      |
| 02:00  |                                 |  |  |                                  |                                | End Job Thanks Tim and BJ crew.....  |                                      |
| <b>BUMPED<br/>PLUG</b>   | <b>PSI TO<br/>BUMP<br/>PLUG</b> | <b>TEST<br/>FLOAT<br/>EQUIP.</b>                                 | <b>BBL.CMT<br/>RETURNS/<br/>REVERSED</b> | <b>TOTAL<br/>BBL.<br/>PUMPED</b> | <b>PSI<br/>LEFT ON<br/>CSG</b> | <b>SPOT<br/>TOP OUT<br/>CEMENT</b>   | <b>Service Supervisor Signature:</b> |
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 782                             | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 13                                       | 362.5                            | 0                              | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N   |                                      |

# CEMENT JOB REPORT



|   |                           |                      |                                       |
|---|---------------------------|----------------------|---------------------------------------|
| CUSTOMER<br>Gunnison Energy Corporation                           | DATE<br>04-AUG-10         | F.R. #<br>1001660966 | SERV. SUPV.<br>DELBERT S GALLEGOS     |
| LEASE & WELL NAME<br>OAK MESA UNIT HUGHES 1393 #12-22 - API 05029 | LOCATION<br>12-13S-93W    |                      | COUNTY-PARISH-BLOCK<br>Delta Colorado |
| DISTRICT<br>Grand Junction  | DRILLING CONTRACTOR RIG # |                      | TYPE OF JOB<br>Intermediate           |

| SIZE & TYPE OF PLUGS   | LIST-CSG-HARDWARE                | PHYSICAL SLURRY PROPERTIES |                |                            |           |                  |              | Bbl SLURRY   | Bbl MIX WATER |
|--|----------------------------------|----------------------------|----------------|----------------------------|-----------|------------------|--------------|--------------|---------------|
|  |                                  | SACKS OF CEMENT            | SLURRY WGT PPG | SLURRY YLD FT <sup>3</sup> | WATER GPS | PUMP TIME HR:MIN |              |              |               |
| Cement Plug, Rubber, Top 9-5/8 in  | Float Shoe 9-5/8 - 8rd           |                            |                |                            |           |                  |              |              |               |
|  | Stage Cementing Tool 9-5/8 - 8rd |                            |                |                            |           |                  |              |              |               |
| <b>MATERIALS FURNISHED BY BJ</b>   |                                  |                            |                |                            |           |                  |              |              |               |
| Surfactant Wash  |                                  |                            | 8.34           |                            |           |                  |              | 10           |               |
| Mud Clean I  |                                  |                            | 8.4            |                            |           |                  |              | 20           |               |
| surfactant wash  |                                  |                            | 8.34           |                            |           |                  |              | 10           |               |
| 35/65+Additives  |                                  | 451                        | 12.3           | 2.09                       | 11.51     |                  |              | 167          | 122.95        |
| Class G +additives   |                                  | 184                        | 15.8           | 1.16                       | 4.86      |                  |              | 38           | 21.28         |
| fresh water  |                                  |                            | 8.34           |                            |           |                  |              | 244.6        |               |
| surfactant wash  |                                  |                            | 8.34           |                            |           |                  |              | 10           |               |
| mud clean  |                                  |                            | 8.34           |                            |           |                  |              | 20           |               |
| Surfactant Wash  |                                  |                            | 8.34           |                            |           |                  |              | 10           |               |
| 35/65+additives  |                                  | 285                        | 12.3           | 2.11                       | 11.56     |                  |              | 107          | 78.37         |
| fresh water  |                                  |                            | 8.34           |                            |           |                  |              | 150.2        |               |
| Available Mix Water <u>500</u> Bbl. Available Displ. Fluid <u>500</u> Bbl. |                                  |                            |                |                            |           |                  | <b>TOTAL</b> | <b>786.8</b> | <b>222.60</b> |

| HOLE  |          |       | TBG-CSG-D.P. |      |      |       | COLLAR DEPTHS |      |       |       |
|-------|----------|-------|--------------|------|------|-------|---------------|------|-------|-------|
| SIZE  | % EXCESS | DEPTH | SIZE         | WGT. | TYPE | DEPTH | GRADE         | SHOE | FLOAT | STAGE |
| 12.25 | 75       | 3500  | 9.625        | 40   | CSG  | 3264  |               | 3264 | 3227  | 1659  |

| LAST CASING |      |      |       | PKR-CMT RET-BR PL-LINER |  |       | PERF. DEPTH |     | TOP CONN |        | WELL FLUID     |      |
|-------------|------|------|-------|-------------------------|--|-------|-------------|-----|----------|--------|----------------|------|
| SIZE        | WGT. | TYPE | DEPTH | BRAND & TYPE            |  | DEPTH | TOP         | BTM | SIZE     | THREAD | TYPE           | WGT. |
| 13.63       | 88.2 | CSG  | 800   |                         |  |       |             |     | 9.625    | 8RND   | WATER BASED MU | 8.4  |

| DISPL. VOLUME |      | DISPL. FLUID    |      | CAL. PSI  | CAL. MAX PSI | OP. MAX | MAX TBG PSI |          | MAX CSG PSI |          | MIX WATER |
|---------------|------|-----------------|------|-----------|--------------|---------|-------------|----------|-------------|----------|-----------|
| VOLUME        | UOM  | TYPE            | WGT. | BUMP PLUG | TO REV.      | SQ. PSI | RATED       | Operator | RATED       | Operator |           |
| 244.6         | BBLS | surfactant wash | 8.34 | 753       | 0            | 0       | 0           | 0        | 5750        | 4600     | frac tank |
|               |      | fresh water     | 8.34 |           |              |         |             |          |             |          |           |

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

| PRESSURE/RATE DETAIL |                |         |          |                   |            | EXPLANATION  |   |
|----------------------|----------------|---------|----------|-------------------|------------|--|---|
| TIME HR:MIN.         | PRESSURE - PSI |         | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> |   |
|                      | PIPE           | ANNULUS |          |                   |            | TEST LINES   | 3500 PSI  |
|                      |                |         |          |                   |            | CIRCULATING WELL - RIG   | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 22:15                |                |         |          |                   |            | convoy and safety meeting  |   |
| 22:30                |                |         |          |                   |            | leave yard fo location   |   |
| 01:30                |                |         |          |                   |            | arrive to location-wait off of location due to casers and water trucks on location                       |   |
| 10:00                |                |         |          |                   |            | tailgate meeting and walk the area spotting trucks   |   |
| 10:30                |                |         |          |                   |            | spot trucks on location  |   |
| 10:45                |                |         |          |                   |            | begin rigging iron and hoses   |   |
| 12:30                |                |         |          |                   |            | pre job safety meeting   |   |
| 12:47                | 3500           | 0       | .5       | 2                 | SPACER     | pressure test 3500psi  |   |
| 12:53                | 42             | 0       | 4.6      | 10                | SPACER     | pump 10bbls surfactant wash  |   |
| 12:54                | 41             | 0       | 4.7      | 20                | MUDCLEA    | pump 20bbls mud clean  |   |
| 12:59                | 40             | 0       | 4.6      | 10                | SPACER     | pump 10bbls surfactant wash  |   |
| 13:00                |                |         |          |                   | CEMENT     | batch cement to 12.3ppg weigh on mud scales  |   |
| 13:05                | 68             | 0       | 3.5      | 2                 | CEMENT     | start downhole with cement   |   |
| 13:10                | 68             | 0       | 3.5      | 25                | CEMENT     | rate pressure  |   |
| 13:17                | 90             | 0       | 4.1      | 50                | CEMENT     | rate pressure  |   |

# CEMENT JOB REPORT



| PRESSURE/RATE DETAIL   |                |                        |             |  |               | EXPLANATION  |          |                         |  |                       |  |  |  |                               |  |
|--|----------------|------------------------|-------------|--|---------------|--|----------|-------------------------|--|-----------------------|--|--|--|-------------------------------|--|
| TIME<br>HR:MIN.  | PRESSURE - PSI |                        | RATE<br>BPM | Bbl. FLUID<br>PUMPED   | FLUID<br>TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> |          |                         |  |                       |  |  |  |                               |  |
|  | PIPE           | ANNULUS                |             |  |               | TEST LINES   | 3500 PSI |                         |  |                       |  |  |  |                               |  |
|  |                |                        |             |  |               | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>                   |          |                         |  |                       |  |  |  |                               |  |
| 13:24  | 70             | 0                      | 3.5         | 75   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:30  | 97             | 0                      | 4.2         | 100  | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:36  | 73             | 0                      | 3.5         | 125  | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:42  | 68             | 0                      | 3.5         | 150  | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:44  | 68             | 0                      | 3.5         | 167  | CEMENT        | end lead cement start tail cement 38bbbls @15.8  |          |                         |  |                       |  |  |  |                               |  |
| 13:46  | 93             | 0                      | 3.5         | 10   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:49  | 96             | 0                      | 3.5         | 20   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:52  | 128            | 0                      | 4.2         | 30   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 13:55  | 0              | 0                      | 0           | 40   | CEMENT        | end tail slurry  |          |                         |  |                       |  |  |  |                               |  |
| 13:56  |                |                        |             |  |               | drop top plug  |          |                         |  |                       |  |  |  |                               |  |
| 14:06  | 60             | 0                      | 4.4         | 3  | WATER         | start displacement 244.6bbbls  |          |                         |  |                       |  |  |  |                               |  |
| 14:10  | 56             | 0                      | 4.7         | 50   | WATER         | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 14:20  | 51             | 0                      | 4.7         | 100  | WATER         | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 14:36  | 55             | 0                      | 4.7         | 150  | WATER         | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 14:46  | 54             | 0                      | 4.7         | 200  | WATER         | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 14:56  | 502            | 0                      | 0           | 245  | WATER         | bump plug to 502psi hold for 5minutes  |          |                         |  |                       |  |  |  |                               |  |
| 15:01  | 0              |                        |             |  |               | bled off pressure float held   |          |                         |  |                       |  |  |  |                               |  |
| 15:10  | 3654           | 0                      | 1.3         | 3  | WATER         | opened DV tool with 3600psi  |          |                         |  |                       |  |  |  |                               |  |
| 15:12  | 45             | 0                      | 4.6         | 10   | WATER         | pump 10bbbls to ensure tool is fully open  |          |                         |  |                       |  |  |  |                               |  |
| 15:20  |                |                        |             |  |               | wait until 20:00 to start stage 2  |          |                         |  |                       |  |  |  |                               |  |
| 20:35  | 2500           | 0                      | .5          | 2  | WATER         | pressure test lines 2500psi  |          |                         |  |                       |  |  |  |                               |  |
| 20:38  | 68             | 0                      | 4.4         | 10   | SPACER        | pump 10bbbls surfactant wash   |          |                         |  |                       |  |  |  |                               |  |
| 20:40  | 69             | 0                      | 4.4         | 20   | MUDCLEA       | pump 20bbbls mud clean   |          |                         |  |                       |  |  |  |                               |  |
| 20:45  | 68             | 0                      | 4.4         | 10   | SPACER        | pump 10bbbls surfactant wash   |          |                         |  |                       |  |  |  |                               |  |
| 20:48  |                |                        |             |  | CEMENT        | batch and weigh cement to 12.3ppg  |          |                         |  |                       |  |  |  |                               |  |
| 20:51  | 86             | 0                      | 3.4         | 3  | CEMENT        | start downhole with cement   |          |                         |  |                       |  |  |  |                               |  |
| 20:57  | 86             | 0                      | 3.4         | 25   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 21:05  | 86             | 0                      | 3.4         | 50   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 21:12  | 91             | 0                      | 3.5         | 75   | CEMENT        | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 21:20  | 0              | 0                      | 0           | 104  | CEMENT        | end cement   |          |                         |  |                       |  |  |  |                               |  |
| 21:21  |                |                        |             |  |               | drop to plug   |          |                         |  |                       |  |  |  |                               |  |
| 21:25  | 55             | 0                      | 4.7         | 3  | WATER         | start displacement 150bbbls displacement   |          |                         |  |                       |  |  |  |                               |  |
| 21:35  | 61             | 0                      | 4.7         | 50   | WATER         | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 21:45  | 65             | 0                      | 4.7         | 100  | WATER         | rate pressure  |          |                         |  |                       |  |  |  |                               |  |
| 22:00  | 1350           | 0                      | 0           | 150  | WATER         | bumped plug and closed at 1350psi hold 10min   |          |                         |  |                       |  |  |  |                               |  |
| 22:10  | 0              |                        |             |  |               | bled pressure slowly float held  |          |                         |  |                       |  |  |  |                               |  |
| 22:15  |                |                        |             |  |               | tailgate meeting   |          |                         |  |                       |  |  |  |                               |  |
| 22:25  |                |                        |             |  |               | rig down lines and hoses   |          |                         |  |                       |  |  |  |                               |  |
| BUMPED<br>PLUG   |                | PSI TO<br>BUMP<br>PLUG |             | TEST<br>FLOAT<br>EQUIP.  |               | BBL.CMT<br>RETURNS/<br>REVERSED  |          | TOTAL<br>BBL.<br>PUMPED |  | PSI<br>LEFT ON<br>CSG |  | SPOT<br>TOP OUT<br>CEMENT  |  | SERVICE SUPERVISOR SIGNATURE: |  |
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |                | 1350                   |             | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |               |  |          | 746                     |  | 0                     |  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |  |                               |  |

# CEMENT JOB REPORT



|  |                           |                      |  |
|--|---------------------------|----------------------|--|
| CUSTOMER<br>Gunnison Energy Corporation  | DATE<br>08-AUG-10         | F.R. #<br>1001664860 | SERV. SUPV.<br>TIMOTHY L. HAFER          |
| LEASE & WELL NAME<br>Oak Mesa 1393#12-22 | LOCATION                  |                      | COUNTY-PARISH-BLOCK<br>Garfield Colorado |
| DISTRICT<br>Grand Junction               | DRILLING CONTRACTOR RIG # |                      | TYPE OF JOB<br>Surface                   |

| SIZE & TYPE OF PLUGS   | LIST-CSG-HARDWARE | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT <sup>3</sup> | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER |        |
|--|-------------------|-----------------|----------------|----------------------------|-----------|------------------|------------|---------------|--------|
|  | NA-Squeeze        |                 |                |                            |           |                  |            |               |        |
| MATERIALS FURNISHED BY BJ  |                   |                 |                |                            |           |                  |            |               |        |
| Cad2   |                   |                 | 8.4            |                            |           |                  | 20         |               |        |
| Premium Lite Cement  |                   | 602             | 11.6           | 2.81                       | 16.15     | 03:13            | 301.18     | 231.54        |        |
| Water  |                   |                 | 8.5            |                            |           |                  | 177.81     |               |        |
| Fresh Water  |                   |                 |                |                            |           |                  | 10         |               |        |
| SMS Spacer   |                   |                 | 8.4            |                            |           |                  | 10         |               |        |
| Fresh Water  |                   |                 | 8.34           |                            |           |                  | 5          |               |        |
| Available Mix Water <u>1000</u> Bbl. Available Displ. Fluid <u>1000</u> Bbl. |                   |                 |                |                            |           |                  | TOTAL      | 523.99        | 231.54 |

| HOLE  |          |       | TBG-CSG-D.P. |      |      |       | COLLAR DEPTHS |      |       |       |
|-------|----------|-------|--------------|------|------|-------|---------------|------|-------|-------|
| SIZE  | % EXCESS | DEPTH | SIZE         | WGT. | TYPE | DEPTH | GRADE         | SHOE | FLOAT | STAGE |
| 12.25 | 201      | 2300  | 9.625        | 36   | CSG  | 2300  |               |      |       |       |

| LAST CASING |     |      |       | PKR-CMT RET-BR PL-LINER |  |       | PERF. DEPTH |     | TOP CONN |        | WELL FLUID     |      |
|-------------|-----|------|-------|-------------------------|--|-------|-------------|-----|----------|--------|----------------|------|
| SIZE        | WGT | TYPE | DEPTH | BRAND & TYPE            |  | DEPTH | TOP         | BTM | SIZE     | THREAD | TYPE           | WGT. |
| 13.38       | 61  |      | 800   | NO PACKER               |  | 0     | 0           | 0   | 2        | 1502   | WATER BASED MU | 8.5  |

| DISPL. VOLUME |      | DISPL. FLUID |      | CAL. PSI  | CAL. MAX PSI | OP. MAX | MAX TBG PSI |          | MAX CSG PSI |          | MIX WATER |
|---------------|------|--------------|------|-----------|--------------|---------|-------------|----------|-------------|----------|-----------|
| VOLUME        | UOM  | TYPE         | WGT. | BUMP PLUG | TO REV.      | SQ. PSI | RATED       | Operator | RATED       | Operator |           |
| 0             | BBLs | Water        | 8.5  | 0         | 0            | 0       | 0           | 0        | 5930        | 4744     | RIG TANK  |

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

| PRESSURE/RATE DETAIL |                |         |          |                   |            | EXPLANATION  |  |  |  |
|----------------------|----------------|---------|----------|-------------------|------------|--|--|--|--|
| TIME HR:MIN.         | PRESSURE - PSI |         | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> |  |  |  |
|                      | PIPE           | ANNULUS |          |                   |            | TEST LINES 5100 PSI  |  |  |  |
|                      |                |         |          |                   |            | CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>                   |  |  |  |
| 19:30                |                |         |          |                   |            | preconvoy meeting  |  |  |  |
| 19:50                |                |         |          |                   |            | left yard  |  |  |  |
| 21:00                |                |         |          |                   |            | got to bottem gaurd shack  |  |  |  |
| 23:00                |                |         |          |                   |            | i arived on location had to get cat to pull trusks   |  |  |  |
| 00:30                |                |         |          |                   |            | cat got there  |  |  |  |
| 11:30                |                |         |          |                   |            | trucks got to location   |  |  |  |
| 12:50                |                |         |          |                   |            | prejob meeting   |  |  |  |
| 13:12                |                |         |          |                   |            | psi test to 5100   |  |  |  |
| 13:20                |                |         |          |                   |            | pressure up on 9 5/8 csg 3000 psi  |  |  |  |
| 14:25                | 0              | 0       | 5.8      | 60                | H2O        | spacer ahead   |  |  |  |
| 14:37                | 430            | 0       | 5.19     | 20                | CALC       | calc, water  |  |  |  |
| 14:50                | 100            | 0       | 3        | 10                | H2O        | fresh water  |  |  |  |
| 14:53                | 200            | 0       | 4        | 10                | SMS        | sms spacer   |  |  |  |
| 14:56                | 200            | 0       | 4        | 10                | FRESH      | fresh water  |  |  |  |
| 14:58                |                |         |          |                   |            | start cement   |  |  |  |
| 15:02                | 420            | 0       | 5.19     | 10                | CMT        | slurry   |  |  |  |
| 15:10                | 446            | 0       | 5.19     | 40                | CMT        | slurry   |  |  |  |
| 15:15                | 518            | 0       | 5.19     | 50                | CMT        | slurry   |  |  |  |
| 15:41                | 445            | 0       | 5.19     | 100               | CMT        | slurry   |  |  |  |
| 15:51                | 445            | 0       | 5.19     | 101               | CMT        | slurry   |  |  |  |
| 16:00                |                |         |          |                   |            | end job shut in valve well on a suck   |  |  |  |

# CEMENT JOB REPORT



| PRESSURE/RATE DETAIL   |                        |  |                                 |                         |                       | EXPLANATION  |                               |
|--|------------------------|--|---------------------------------|-------------------------|-----------------------|--|-------------------------------|
| TIME<br>HR:MIN.  | PRESSURE - PSI         |  | RATE<br>BPM                     | Bbl. FLUID<br>PUMPED    | FLUID<br>TYPE         | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> |                               |
|  | PIPE                   | ANNULUS  |                                 |                         |                       | TEST LINES 5100 PSI  |                               |
|  |                        |  |                                 |                         |                       | CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>                   |                               |
| BUMPED<br>PLUG   | PSI TO<br>BUMP<br>PLUG | TEST<br>FLOAT<br>EQUIP.  | BBL.CMT<br>RETURNS/<br>REVERSED | TOTAL<br>BBL.<br>PUMPED | PSI<br>LEFT ON<br>CSG | SPOT<br>TOP OUT<br>CEMENT  | SERVICE SUPERVISOR SIGNATURE: |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | 0                      | Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | 0                               | 652                     | 0                     | Y <input type="checkbox"/> N <input checked="" type="checkbox"/>   |                               |

# CEMENT JOB REPORT



|   |          |   |                         |  |              |                                  |               |   |             |                     |           |
|---|----------|---|-------------------------|--|--------------|----------------------------------|---------------|---|-------------|---------------------|-----------|
| CUSTOMER<br>Gunnison Energy Corporation   |          | DATE<br>23-AUG-10   | F.R. #<br>1001671894    | SERV. SUPV.<br>FRANCISCO P CASTILLO  |              |                                  |               |   |             |                     |           |
| LEASE & WELL NAME<br>OAK MESA UNIT HUGHES 1393 #12-22 - API 05029   |          | LOCATION<br>12-13S-93W  |                         | COUNTY-PARISH-BLOCK<br>Delta Colorado  |              |                                  |               |   |             |                     |           |
| DISTRICT<br>Grand Junction  |          | DRILLING CONTRACTOR RIG #<br>Gunnison 101                                     |                         | TYPE OF JOB<br>Long String   |              |                                  |               |   |             |                     |           |
| SIZE & TYPE OF PLUGS  |          | LIST-CSG-HARDWARE   |                         | PHYSICAL SLURRY PROPERTIES   |              |                                  |               |   |             |                     |           |
| Float Collar, Ball Valve, 7 - 8rd   |          | SACKS OF CEMENT   | SLURRY WGT PPG          | SLURRY YLD FT <sup>3</sup>   | WATER GPS    | PUMP TIME HR:MIN                 | Bbl SLURRY    | Bbl MIX WATER   |             |                     |           |
| Float Shoe 7 - 8rd  |          |   |                         |  |              |                                  |               |   |             |                     |           |
| MATERIALS FURNISHED BY BJ   |          |   |                         |  |              |                                  |               |   |             |                     |           |
| Surfactant Wash   |          | 0   | 8.34                    | 0  | 0            | 00:00                            | 10            |   |             |                     |           |
| Mud Clean I   |          | 0   | 8.34                    | 0  | 0            | 00:00                            | 20            |   |             |                     |           |
| Surfactant Wash   |          | 0   | 8.34                    | 0  | 0            | 00:00                            | 10            |   |             |                     |           |
| PLHS+.04#SF+.4%FL63+.5#CF+3#KS+.3%BA59+10# CSE+6%B  |          | 159   | 12.5                    | 2.15   | 11.36        | 03:30                            | 43            | 30.37   |             |                     |           |
| Fresh Water   |          | 0   | 8.34                    | 0  | 0            | 00:00                            | 20            |   |             |                     |           |
| PL+.04#SF+8%Bentonite+.3%BA59+.4%FL63+2#KS+.25#CF   |          | 210   | 12.3                    | 2.1  | 11.5         | 00:00                            | 78.5          | 57.47   |             |                     |           |
| PLHS+.04#SF+.4%FL63+.5#CF+3#KS+.3%BA59+10#CSE+6%B   |          | 50  | 12.5                    | 2.15   | 11.36        | 00:00                            | 19.1          | 13.49   |             |                     |           |
| Fresh Water   |          | 0   | 8.34                    | 0  | 0            | 00:00                            | 117.54        |   |             |                     |           |
| Fresh Water   |          | 0   | 0                       | 0  | 0            | 00:00                            | 0             |   |             |                     |           |
| Available Mix Water <u>800</u> Bbl.   |          | Available Displ. Fluid <u>800</u> Bbl.  |                         | TOTAL  |              |                                  | <u>318.14</u> | <u>101.33</u>   |             |                     |           |
| HOLE  |          |   | TBG-CSG-D.P.            |  |              |                                  | COLLAR DEPTHS |   |             |                     |           |
| SIZE  | % EXCESS | DEPTH   | SIZE                    | WGT.   | TYPE         | DEPTH                            | GRADE         | SHOE  | FLOAT       | STAGE               |           |
| 8.75  | 30       | 4474  | 7                       | 26   | CSG          | 4435                             | P-110         | 4474  | 4428        | 3202                |           |
| LAST CASING   |          |   | PKR-CMT RET-BR PL-LINER |  |              | PERF. DEPTH                      |               | TOP CONN  |             | WELL FLUID          |           |
| SIZE  | WGT      | TYPE  | DEPTH                   | BRAND & TYPE   |              | TOP                              | BTM           | SIZE  | THREAD      | TYPE                | WGT.      |
| 9.625   | 40       | CSG   | 3364                    | NO PACKER  |              | 0                                | 0             | 7   | 8RD         | WATER BASED MU      | 8.4       |
| DISPL. VOLUME   |          | DISPL. FLUID  |                         | CAL. PSI   | CAL. MAX PSI | OP. MAX                          | MAX TBG PSI   |   | MAX CSG PSI |                     | MIX WATER |
| VOLUME  | UOM      | TYPE  | WGT.                    | BUMP PLUG  | TO REV.      | SQ. PSI                          | RATED         | Operator  | RATED       | Operator            |           |
| 164.7   | BBLS     | Fresh Water   | 8.34                    | 1000   | 0            | 0                                | 0             | 0   | 9960        | 7968                | RIG TANK  |
|   |          | Fresh Water   | 0                       |  |              |                                  |               |   |             |                     |           |
| <b>Circulation Prior to Job</b>   |          |   |                         |  |              |                                  |               |   |             |                     |           |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>  |          |   |                         | Circulation Time:  |              |                                  |               | Circulation Rate: BPM   |             |                     |           |
| Mud Density In: 8.4 LBS/GAL   |          |   |                         | Mud Density Out: 8.4 LBS/GAL   |              |                                  |               | PV & YP Mud In: 49  |             | PV & YP Mud Out: 49 |           |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:   |          |   |                         | Solids Present at End of Circulation:  |              |                                  |               | NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> |             |                     |           |
| <b>Displacement And Mud Removal</b>   |          |   |                         |  |              |                                  |               |   |             |                     |           |
| Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>   |          |   |                         | Amount Bled Back After Job: 1.5 BBLS   |              |                                  |               |   |             |                     |           |
| Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL   |          |   |                         | Method Used to Verify Returns: visual  |              |                                  |               |   |             |                     |           |
| Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |          |   |                         | Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |              |                                  |               |   |             |                     |           |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE                 |          |   |                         |  |              |                                  |               |   |             |                     |           |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES   |          |   |                         | Quantity: 25   |              |                                  |               | Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID   |             |                     |           |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD |          |   |                         |  |              |                                  |               |   |             |                     |           |
| <b>Plugs</b>  |          |   |                         |  |              |                                  |               |   |             |                     |           |
| Number of Attempts by BJ: Competition:  |          |   |                         | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES                |              |                                  |               | Quantity:   |             |                     |           |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  |          |   |                         | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES                    |              |                                  |               |   |             |                     |           |
| Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES   |          |   |                         | Top of Plug: FT  |              |                                  |               | Bottom of Plug: FT  |             |                     |           |
| <b>Squeezes (Update Original Treatment Report for Primary Job)</b>  |          |   |                         |  |              |                                  |               |   |             |                     |           |
| BLOCK SQUEEZE <input type="checkbox"/>  |          | SHOE SQUEEZE <input type="checkbox"/>   |                         | TOP OF LINER SQUEEZE <input type="checkbox"/>  |              | PLANNED <input type="checkbox"/> |               | UNPLANNED <input type="checkbox"/>                                  |             |                     |           |
| Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES   |          | Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |                         | PSI Applied:   |              | Fluid Weight: LBS/GAL            |               |   |             |                     |           |
| <b>Casing Test (Update Original Treatment Report for Primary Job)</b>   |          |   |                         |  |              |                                  |               |   |             |                     |           |
| Casing Test Pressure: PSI   |          | With LBS/GAL  |                         | Mud  |              | Time Held: Hours                 |               | Minutes   |             |                     |           |

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT      Target EMW: LBS/GAL      Actual EMW: LBS/GAL  
 Number of Times Tests Conducted:      Mud Weight When Test was Conducted: LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:** Drilling rig plugged the casing with LCM and was not able to circulate through the casing. Rig had to pull all the casing out of the hole to unplug the casing.

| PRESSURE/RATE DETAIL |                |         |             |                      |               | EXPLANATION   |          |
|----------------------|----------------|---------|-------------|----------------------|---------------|---|----------|
| TIME<br>HR:MIN.      | PRESSURE - PSI |         | RATE<br>BPM | Bbl. FLUID<br>PUMPED | FLUID<br>TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>                     |          |
|                      | PIPE           | ANNULUS |             |                      |               | TEST LINES  | 5450 PSI |
|                      |                |         |             |                      |               | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>                            |          |
| 16:10                |                | 0       | 0           | 0                    | 0             | leave yard-8/20/10  |          |
| 18:30                | 0              | 0       | 0           | 0                    | 0             | arrive on location  |          |
| 02:30                | 0              | 0       | 0           | 0                    | 0             | leave location 8/21/10 because rig had to pull all the casing out of the hole. Fix the problem and re-run casing. |          |
| 05:00                | 0              | 0       | 0           | 0                    | 0             | arrive at the yard  |          |
| 00:00                | 0              | 0       | 0           | 0                    | 0             | 8/22/10   |          |
| 21:15                | 0              | 0       | 0           | 0                    | 0             | leave yard  |          |
| 23:20                | 0              | 0       | 0           | 0                    | 0             | arrive on location  |          |
| 00:00                | 0              | 0       | 0           | 0                    | 0             | (mid-night) rig up meeting/rig up   |          |
| 01:10                | 0              | 0       | 0           | 0                    | 0             | pre-job safety meeting  |          |
| 01:30                | 5450           | 0       | 0           | 0                    | 0             | test lines  |          |
| 01:33                | 107            | 0       | 5           | 10                   | WATER         | surfactant wash spacer  |          |
| 01:35                | 121            | 0       | 5           | 20                   | WATER         | mud clean l spacer  |          |
| 01:42                | 119            | 0       | 5           | 10                   | WATER         | surfactant wash spacer  |          |
| 01:44                | 75             | 0       | 3.5         | 60                   | WATER         | stage 1 cement slurry @ 12.5ppg   |          |
| 02:00                | 0              | 0       | 0           | 0                    | 0             | shut down/wash up/drop plug   |          |
| 02:05                | 25             | 0       | 5           | 112                  | WATER         | displacement/slow to 2bpm going through DV tool   |          |
| 02:27                | 0              | 0       | 2           | 132                  | WATER         | displacement  |          |
| 02:39                | 107            | 0       | 5           | 159                  | WATER         | pick up rate  |          |
| 02:45                | 0              | 0       | 2.5         | 169                  | WATER         | displacement  |          |
| 02:49                | 711            | 0       | 0           | 169                  | 0             | bump plug   |          |
| 02:51                | 2010           | 0       | .8          | .8                   | WATER         | inflate casing packer   |          |
| 02:55                | 2202           | 0       | .8          | 1                    | WATER         | add pressure to packer  |          |
| 02:58                | 0              | 0       | 0           | 0                    | 0             | realease pressure/flow back 1.5bbls   |          |
| 03:00                | 2200           | 0       | 0           | 0                    | 0             | test casing packer  |          |
| 03:28                | 0              | 0       | 0           | 0                    | 0             | bleed off pressure  |          |
| 00:00                | 0              | 0       | 0           | 0                    | 0             | stage 2   |          |
| 03:49                | 727            | 0       | 1           | 1                    | WATER         | open DV tool  |          |
| 03:53                | 0              | 0       | 4           | 20                   | WATER         | fresh water spacer  |          |
| 03:57                | 79             | 0       | 4.5         | 78                   | CEMENT        | lead cement slurry @ 12.3ppg  |          |
| 04:15                | 27             | 0       | 3.5         | 20                   | CEMENT        | tail cement slurry @ 12.5ppg  |          |
| 04:23                | 0              | 0       | 0           | 0                    | 0             | shut down/wash up/drop plug   |          |
| 04:27                | 0              | 0       | 0           | 0                    | 0             | begin displacement  |          |
| 04:40                | 35             | 0       | 5           | 50                   | WATER         | displacement  |          |
| 04:48                | 170            | 0       | 5           | 100                  | WATER         | displacement  |          |
| 04:50                | 155            | 0       | 5           | 110                  | WATER         | displacement/slow rate to 3bpm  |          |
| 04:55                | 1775           | 0       | 3           | 122                  | WATER         | bump plug/close DV tool   |          |
| 04:59                | 0              | 0       | 0           | 0                    | 0             | bleed off pressure/ .75bbl flow back  |          |

# CEMENT JOB REPORT



| PRESSURE/RATE DETAIL   |                                 |  |  |                                  |                                | EXPLANATION   |                                      |
|--|---------------------------------|--|--|----------------------------------|--------------------------------|---|--------------------------------------|
| TIME<br>HR:MIN.  | PRESSURE - PSI                  |  | RATE<br>BPM                              | Bbl. FLUID<br>PUMPED             | FLUID<br>TYPE                  | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/> |                                      |
|  | PIPE                            | ANNULUS  |  |                                  |                                | TEST LINES  | 5450 PSI                             |
| 05:07  | 0                               | 0  | 0  | 0                                | 0                              | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>        |                                      |
| 00:00  | 0                               | 0  | 0  | 0                                | 0                              | rig down meeting/rig down<br>thank you from francisco and crew                                |                                      |
| <b>BUMPED<br/>PLUG</b>   | <b>PSI TO<br/>BUMP<br/>PLUG</b> | <b>TEST<br/>FLOAT<br/>EQUIP.</b>                                 | <b>BBL.CMT<br/>RETURNS/<br/>REVERSED</b> | <b>TOTAL<br/>BBL.<br/>PUMPED</b> | <b>PSI<br/>LEFT ON<br/>CSG</b> | <b>SPOT<br/>TOP OUT<br/>CEMENT</b>  | <b>Service Supervisor Signature:</b> |
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 711                             | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 0  | 510                              | 0                              | Y <input checked="" type="checkbox"/> N   |                                      |

# CEMENT JOB REPORT



|   |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
|---|-----------------|------------------------------------|--|---|-----------------------------------|--|-----------------------------------|------------------|---|-------------------|----------------------|
| <b>CUSTOMER</b> Gunnison Energy Corporation   |                 |                                    | <b>DATE</b> 05-SEP-10                  |   | <b>F.R. #</b> 1001681074          |  | <b>SERV. SUPV.</b> JOSE E CARCAMO |                  |   |                   |                      |
| <b>LEASE &amp; WELL NAME</b><br>OAK MESA UNIT HUGHES 1393 #12-22 - API 05029  |                 |                                    | <b>LOCATION</b><br>12-13S-93W          |   |                                   | <b>COUNTY-PARISH-BLOCK</b><br>Delta Colorado   |                                   |                  |   |                   |                      |
| <b>DISTRICT</b><br>Grand Junction   |                 |                                    | <b>DRILLING CONTRACTOR RIG #</b>       |   |                                   | <b>TYPE OF JOB</b><br>Long String  |                                   |                  |   |                   |                      |
| <b>SIZE &amp; TYPE OF PLUGS</b>   |                 | <b>LIST-CSG-HARDWARE</b>           |  |   | <b>PHYSICAL SLURRY PROPERTIES</b> |  |                                   |                  |   |                   |                      |
| Cement Plug, Rubber, Bottom 4-1/2   |                 | Float Collar, AI Flap, 4-1/2 - 8rd |  |   | <b>SACKS OF CEMENT</b>            | <b>SLURRY WGT PPG</b>  | <b>SLURRY YLD FT<sup>3</sup></b>  | <b>WATER GPS</b> | <b>PUMP TIME HR:MIN</b>   | <b>Bbl SLURRY</b> | <b>Bbl MIX WATER</b> |
| <b>MATERIALS FURNISHED BY BJ</b>  |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
| surfactant wash+5gpt inflo 250w+1gpt  |                 |                                    |  |   | 0                                 | 8.34   |                                   |                  |   | 10                |                      |
| ne-118+1gpt claytreat   |                 |                                    |  |   |                                   | 8.34   |                                   |                  |   | 0                 |                      |
| mud clean   |                 |                                    |  |   |                                   | 8.34   |                                   |                  |   | 20                |                      |
| surfactant wash+5gpt inflo 250w+1gpt n  |                 |                                    |  |   |                                   | 8.34   |                                   |                  |   | 10                |                      |
| ne-118+1 gpt clay treat   |                 |                                    |  |   |                                   | 8.34   |                                   |                  |   | 0                 |                      |
| (35:65)poz(fly ash)+Type III cmt+.04 lbs/sk   |                 |                                    |  |   | 196                               | 12.5   | 2.51                              | 13.19            |   | 87.45             | 61.57                |
| static free+.35%bwoc R-3+.3%bwoc FL-63+.25 lbs/sk   |                 |                                    |  |   | 0                                 | 12.5   | 2.51                              | 13.19            |   | 0                 | 0                    |
| cello flake+3 lb/sk kol seal+.5%bwoc sodium metasi  |                 |                                    |  |   | 0                                 | 12.5   | 2.51                              | 13.19            |   | 0                 | 0                    |
| water   |                 |                                    |  |   |                                   | 8.34   |                                   |                  |   | 112               |                      |
| 2nd stage mud clean+  |                 |                                    |  |   |                                   | 20   |                                   |                  |   | 20                |                      |
| (35:65)poz(fly ash) Typell cmt+.04 lb/sk  |                 |                                    |  |   | 272                               | 12.3   | 2.1                               | 11.5             |   | 91                | 66.62                |
| static free+.4% bwoc FL-63+.25 lb/sk cello flake+2  |                 |                                    |  |   | 0                                 | 12.3   | 2.1                               | 11.5             |   | 0                 | 0                    |
| lbs/sk kol seal+.3% bwoc BA-59+.5 gals/100sk fp-13  |                 |                                    |  |   | 0                                 | 12.3   | 2.1                               | 11.5             |   | 0                 | 0                    |
| water   |                 |                                    |  |   |                                   | 8.34   |                                   |                  |   | 68                |                      |
| Available Mix Water <u>500</u> Bbl.   |                 |                                    | Available Displ. Fluid <u>500</u> Bbl. |   |                                   | <b>TOTAL</b>   |                                   |                  |   | 418.45            | 128.19               |
| <b>HOLE</b>   |                 |                                    | <b>TBG-CSG-D.P.</b>                    |   |                                   |  | <b>COLLAR DEPTHS</b>              |                  |   |                   |                      |
| <b>SIZE</b>   | <b>% EXCESS</b> | <b>DEPTH</b>                       | <b>SIZE</b>                            | <b>WGT.</b>   | <b>TYPE</b>                       | <b>DEPTH</b>   | <b>GRADE</b>                      | <b>SHOE</b>      | <b>FLOAT</b>  | <b>STAGE</b>      |                      |
| 6.125   |                 | 7269                               | 4.5                                    | 11.6  | CSG                               | 7269   |                                   |                  |   |                   | 4392                 |
| <b>LAST CASING</b>  |                 |                                    | <b>PKR-CMT RET-BR PL-LINER</b>         |   |                                   | <b>PERF. DEPTH</b>   |                                   | <b>TOP CONN</b>  |   | <b>WELL FLUID</b> |                      |
| <b>SIZE</b>   | <b>WGT</b>      | <b>TYPE</b>                        | <b>DEPTH</b>                           | <b>BRAND &amp; TYPE</b>   | <b>DEPTH</b>                      | <b>TOP</b>   | <b>BTM</b>                        | <b>SIZE</b>      | <b>THREAD</b>   | <b>TYPE</b>       | <b>WGT.</b>          |
| 7   | 29              |                                    | 4492                                   | packer  | 4391                              | 0  | 0                                 | 4.5              | 8 RD  | WATER BASED MU    | 8.6                  |
| <b>DISPL. VOLUME</b>  |                 | <b>DISPL. FLUID</b>                |  | <b>CAL. PSI</b>   | <b>CAL. MAX PSI</b>               | <b>OP. MAX</b>   | <b>MAX TBG PSI</b>                |                  | <b>MAX CSG PSI</b>  |                   | <b>MIX WATER</b>     |
| <b>VOLUME</b>   | <b>UOM</b>      | <b>TYPE</b>                        | <b>WGT.</b>                            | <b>BUMP PLUG</b>  | <b>TO REV.</b>                    | <b>SQ. PSI</b>   | <b>RATED</b>                      | <b>Operator</b>  | <b>RATED</b>  | <b>Operator</b>   |                      |
| 112.4   | BBLS            | water                              | 8.34                                   | 1100  | 0                                 | 0  | 0                                 | 0                | 3000  | 6100              |                      |
|   |                 | water                              | 8.34                                   |   |                                   |  |                                   |                  |   |                   |                      |
| <b>Circulation Prior to Job</b>   |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>  |                 |                                    |  |   |                                   | Circulation Time:  |                                   |                  | Circulation Rate: BPM   |                   |                      |
| Mud Density In: 8.6 LBS/GAL   |                 |                                    |  | Mud Density Out: 8.6 LBS/GAL  |                                   | PV & YP Mud In:  |                                   |                  | PV & YP Mud Out:  |                   |                      |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:   |                 |                                    |  |   |                                   | Solids Present at End of Circulation:  |                                   |                  | NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> |                   |                      |
| <b>Displacement And Mud Removal</b>   |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
| Displaced By: Rig <input type="checkbox"/> BJ <input type="checkbox"/>  |                 |                                    |  |   |                                   | Amount Bled Back After Job: .75 BBLS   |                                   |                  |   |                   |                      |
| Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL   |                 |                                    |  |   |                                   | Method Used to Verify Returns: visual  |                                   |                  |   |                   |                      |
| Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |                 |                                    |  |   |                                   | Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |                                   |                  |   |                   |                      |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE                 |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES   |                 |                                    |  |   |                                   | Quantity: 24   |                                   |                  | Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID   |                   |                      |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
| <b>Plugs</b>  |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |
| Number of Attempts by BJ:   |                 |                                    |  | Competition:  |                                   | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES                |                                   | Quantity:        |   |                   |                      |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  |                 |                                    |  | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |                                   |  |                                   |                  |   |                   |                      |
| Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES   |                 |                                    |  | Top of Plug: FT   |                                   | Bottom of Plug: FT   |                                   |                  |   |                   |                      |
| <b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: none</b>  |                 |                                    |  |   |                                   |  |                                   |                  |   |                   |                      |

# CEMENT JOB REPORT



## Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE  SHOE SQUEEZE  TOP OF LINER SQUEEZE  PLANNED  UNPLANNED   
 Liner Packer:  NO  YES Bond Log:  NO  YES PSI Applied: Fluid Weight: LBS/GAL

## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: PSI With LBS/GAL Mud Time Held: Hours Minutes

## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL  
 Number of Times Tests Conducted: Mud Weight When Test was Conducted: LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

### PRESSURE/RATE DETAIL

### EXPLANATION

| TIME<br>HR:MIN. | PRESSURE - PSI |         | RATE<br>BPM | Bbl. FLUID<br>PUMPED | FLUID<br>TYPE | EXPLANATION   |   |
|-----------------|----------------|---------|-------------|----------------------|---------------|---|---|
|                 | PIPE           | ANNULUS |             |                      |               | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> | CO. REP. <input type="checkbox"/>                               |
|                 |                |         |             |                      |               | TEST LINES  | 4856 PSI  |
|                 |                |         |             |                      |               | CIRCULATING WELL - RIG                                      | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 16:10           |                |         |             |                      |               | pre convoy safety meeting                                   |   |
| 16:30           |                |         |             |                      |               | leave yard  |   |
| 18:40           |                |         |             |                      |               | arrived on location   |   |
| 18:50           |                |         |             |                      |               | location assesment  |   |
| 10:45           |                |         |             |                      |               | spot equipment  |   |
| 13:00           |                |         |             |                      |               | pre job safety meeting                                      |   |
| 13:38           |                |         |             |                      |               | start job   |   |
| 13:38           | 4856           |         |             |                      |               | pressure test lines   |   |
| 13:40           | 526            |         | 4.6         | 10                   |               | pump surfactant spacer                                      |   |
| 13:43           | 472            |         | 4.6         | 20                   |               | pump mud clean spacer                                       |   |
| 13:47           | 489            |         | 4.6         | 10                   |               | pump surfactant spacer                                      |   |
| 13:54           | 332            |         | 3.9         |                      | CEMENT        | pump 1st cement slurry                                      |   |
| 14:00           | 13             |         | 3.3         | 35                   | CEMENT        | pump 1st cement slurry                                      |   |
| 14:14           | 33             |         | 3.5         | 82                   |               | pump 1st stage cement slurry                                |   |
| 14:14           |                |         |             |                      |               | shut down / wash lines                                      |   |
| 14:29           | 72             |         | 5.5         |                      |               | drop plug / pump displacement                               |   |
| 14:38           | 63             |         | 5.5         | 50                   |               | pump displacement   |   |
| 14:40           | 174            |         |             |                      |               | slow rate   |   |
| 14:45           |                |         |             |                      |               | pick up the rate once again                                 |   |
| 14:54           | 1189           |         | 2.5         | 102                  |               | slow rate   |   |
| 15:00           | 2029           |         | 2.5         | 112                  |               | bump plug   |   |
| 15:03           |                |         |             |                      |               | check floats  |   |
| 15:05           | 3800           |         |             |                      |               | set packer  |   |
| 15:30           |                |         |             |                      |               | drop bomb   |   |
| 15:52           | 771            |         |             |                      |               | opened tool up  |   |
| 16:00           |                |         |             |                      |               | start 2nd stage   |   |
| 16:00           | 530            |         | 5.1         | 20                   |               | pump mud clean  |   |
| 16:06           | 128            |         | 3.3         |                      |               | pump 2nd stage cement slurry                                |   |
| 16:17           | 50             |         | 4           |                      |               | pump 2nd stage cement                                       |   |
| 16:37           | 33             |         | 2.6         | 91                   |               | pump 2nd stage cement slurry                                |   |
| 16:37           |                |         |             |                      |               | drop plug pump displacement                                 |   |
| 16:41           | 220            |         | 5.4         | 30                   |               | pump displacement   |   |

# CEMENT JOB REPORT



| PRESSURE/RATE DETAIL |                |         |             |                      | EXPLANATION   |
|----------------------|----------------|---------|-------------|----------------------|---|
| TIME<br>HR:MIN.      | PRESSURE - PSI |         | RATE<br>BPM | Bbl. FLUID<br>PUMPED | FLUID<br>TYPE   |
|                      | PIPE           | ANNULUS |             |                      |   |
|                      |                |         |             |                      | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/> |
|                      |                |         |             |                      | TEST LINES 4856 PSI   |
|                      |                |         |             |                      | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>        |
| 16:45                | 709            |         | 3           | 55                   | slow rate   |
| 16:49                | 1700           |         |             |                      | bump plug   |
| 16:51                |                |         |             |                      | check floats / floats held  |
|                      |                |         |             |                      | good returns throughout the job   |

| BUMPED<br>PLUG                          | PSI TO<br>BUMP<br>PLUG | TEST<br>FLOAT<br>EQUIP.                 | BBL.CMT<br>RETURNS/<br>REVERSED | TOTAL<br>BBL.<br>PUMPED | PSI<br>LEFT ON<br>CSG | SPOT<br>TOP OUT<br>CEMENT               | Service Supervisor Signature: |
|---|------------------------|---|---------------------------------|-------------------------|-----------------------|---|-------------------------------|
| Y <input checked="" type="checkbox"/> N | 2029                   | Y <input checked="" type="checkbox"/> N | 0                               | 420                     | 0                     | Y <input checked="" type="checkbox"/> N |                               |