
CHEVRON - MID-CONTINENT EBIZ

SKR 598-36-BV-16
SKINNER RIDGE
Garfield County , Colorado

Cement Surface Casing
04-Mar-2009

Job Site Documents

The Road to Excellence Starts with Safety

| | | | |
|--|--|-------------------------|------------------------|
| Sold To #: 338668 | Ship To #: 2695492 | Quote #: | Sales Order #: 6541939 |
| Customer: CHEVRON - MID-CONTINENT EBIZ | Customer Rep: MOELLER, RONALD | | |
| Well Name: SKR | Well #: 598-36-BV-16 | API/UWI #: 05-045-16942 | |
| Field: SKINNER RIDGE | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.567 deg. OR N 39 deg. 33 min. 59.854 secs. | Long: W 108.347 deg. OR W -109 deg. 39 min. 12.395 secs. | | |
| Contractor: H&P 316 | Rig/Platform Name/Num: H&P 316 | | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | Job Type: Cement Surface Casing | | |
| Sales Person: DUNNING, DUSTIN | Srv Supervisor: LEIST, JAMES | MBU ID Emp #: 362787 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|----------------------|---------|--------|------------------------|---------|--------|-------------------|---------|--------|
| CARTER, ERIC Earl | 6 | 345598 | CREECH, STEVEN Michael | 6 | 420183 | HAYES, JESSE Doug | 6 | 403601 |
| KUKUS, CHRISTOPHER A | 6 | 413952 | LEIST, JAMES R | 6 | 362787 | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10567589C | 60 mile | 10867094 | 60 mile | 10897925 | 60 mile | 10951249 | 60 mile |
| 10995027 | 60 mile | | | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|--------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 3-4-09 | 6 | 2 | | | | | | |

TOTAL Total is the sum of each column separately

Job

| Formation Name | Top | Bottom | Form Type | Job depth MD | Water Depth | Perforation Depth (MD) | From | To | Job Times | Date | Time | Time Zone |
|----------------|-----|--------|-----------|--------------|-------------|------------------------|------|----|---------------|-----------------|-------|-----------|
| | | | BHST | 10930. ft | | | | | Called Out | 04 - Mar - 2009 | 03:00 | MST |
| | | | | | | | | | On Location | 04 - Mar - 2009 | 06:00 | MST |
| | | | | | | | | | Job Started | 04 - Mar - 2009 | 12:38 | MST |
| | | | | | | | | | Job Completed | 04 - Mar - 2009 | 13:27 | MST |
| | | | | | | | | | Departed Loc | 04 - Mar - 2009 | 15:30 | MST |

Well Data

| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
|----------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| open hole | | | | 12.25 | | | | | 1093. | | |
| conductor | Unknown | | 16. | | | | | | 103. | | |
| surface casing | Unknown | | 8.625 | 8.097 | 24. | | K-55 | | 1073. | | |

Sales/Rental/3rd Party (HES)

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI | 1 | JOB | | |
| ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI | 1 | JOB | | |
| PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA | 1 | EA | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|-------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | 8.625 | 1 | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | 8.625 | 1 | |
| Stage Tool | | | | | | | | | | Centralizers | | | |

| Miscellaneous Materials | | | | | | | | | | | | | |
|--|----------------------------|-------------------------------|--------|-----------------|------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|------|---|
| Gelling Agt | | Conc | | Surfactant | | Conc | | Acid Type | | Qty | | Conc | % |
| Treatment Fld | | Conc | | Inhibitor | | Conc | | Sand Type | | Size | | Qty | |
| Fluid Data | | | | | | | | | | | | | |
| Stage/Plug #: 1 | | | | | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | | | Qty | Qty uom | Mixing Density lbn/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk | | |
| 1 | DYE POLYFLAKE SPACER | | | | 30 | bbl | 8.33 | .0 | .0 | 2.0 | | | |
| 2 | Lead Cement | VERSACEM (TM) SYSTEM (452010) | | | 137 | sacks | 12.3 | 2.38 | 13.75 | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 3 | Tail Cement | VERSACEM (TM) SYSTEM (452010) | | | 135 | sacks | 12.8 | 2.11 | 11.75 | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 4 | DISPLACEMENT | | | | 65.7 | bbl | 8.33 | .0 | .0 | 7.0 | | | |
| Calculated Values | | | | Pressures | | Volumes | | | | | | | |
| Displacement | 65.7 | Shut In: Instant | | | | Lost Returns | 0 | Cement Slurry | | 108.7 | Pad | | |
| Top Of Cement | SURFACE | 5 Min | | | | Cement Returns | 10 | Actual Displacement | | 65.7 | Treatment | | |
| Frac Gradient | | 15 Min | | | | Spacers | 30 | Load and Breakdown | | | Total Job | | |
| Rates | | | | | | | | | | | | | |
| Circulating | 7 RIG | Mixing | | 6 | | Displacement | 6 | Avg. Job | | 6 | | | |
| Cement Left In Pipe | Amount | 40 ft | Reason | Shoe Joint | | | | | | | | | |
| Frac Ring # 1 @ | ID | Frac ring # 2 @ | ID | Frac Ring # 3 @ | ID | Frac Ring # 4 @ | ID | | | | | | |
| The Information Stated Herein Is Correct | | | | | | Customer Representative Signature | | | | | | | |

Cementing Job Log

The Road to Excellence Starts with Safety

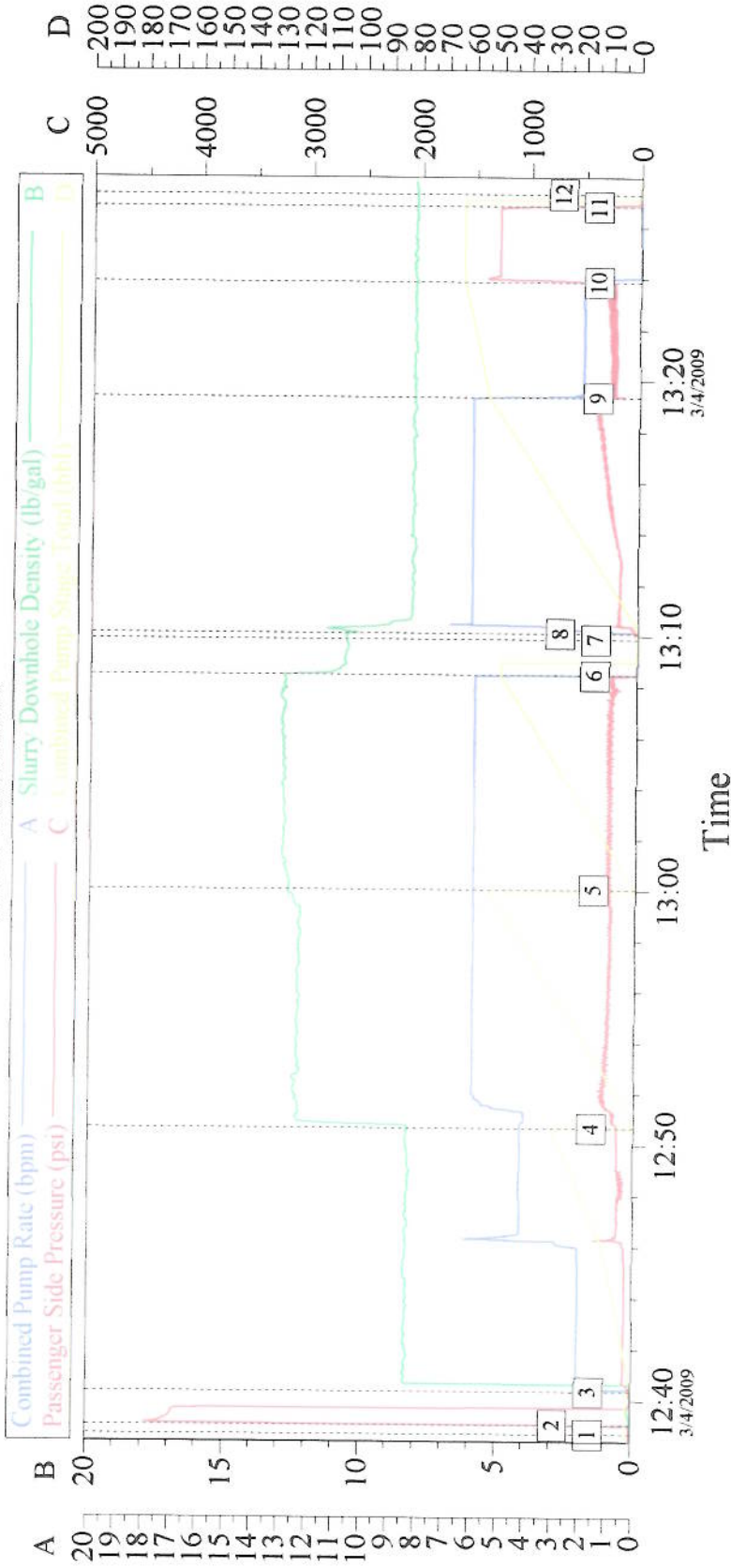
| | | | |
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| Legal Description: | | | |
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| Contractor: H&P 316 | Rig/Platform Name/Num: H&P 316 | | |
| Job Purpose: Cement Surface Casing | Ticket Amount: | | |
| Well Type: Development Well | Job Type: Cement Surface Casing | | |
| Sales Person: DUNNING, DUSTIN | Srv Supervisor: LEIST, JAMES | MBU ID Emp #: 362787 | |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 03/04/2009 03:00 | | | | | | | TP-1073, TD- 1093, S.J.- 40, MUD- 8.9, HOLE- 12.25, |
| Pre-Convoy Safety Meeting | 03/04/2009 04:00 | | | | | | | WITH ALL HES PERSONNEL |
| Crew Leave Yard | 03/04/2009 04:15 | | | | | | | GOOD RETURNS THROUGHOUT JOB, NO PIPE MOVEMENT DURING JOB |
| Arrive At Loc | 03/04/2009 06:00 | | | | | | | |
| Assessment Of Location Safety Meeting | 03/04/2009 06:15 | | | | | | | WITH ALL HES PERSONNEL |
| Pre-Rig Up Safety Meeting | 03/04/2009 06:30 | | | | | | | WITH ALL HES PERSONNEL |
| Rig-Up Completed | 03/04/2009 07:30 | | | | | | | |
| Pre-Job Safety Meeting | 03/04/2009 12:00 | | | | | | | WITH ALL ON LOCATION PERSONNEL |
| Start Job | 03/04/2009 12:38 | | | | | | | |
| Pressure Test | 03/04/2009 12:39 | | | | | | | 4300PSI |
| Pump Spacer 1 | 03/04/2009 12:40 | | 4 | | 30 | | 147.0 | FRESH WATER |
| Pump Lead Cement | 03/04/2009 12:50 | | 6 | | 58 | | 231.0 | 137 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK |
| Pump Tail Cement | 03/04/2009 13:00 | | 6 | | 50.7 | | 244.0 | 135 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK |
| Shutdown | 03/04/2009 13:08 | | | | | | | |
| Drop Top Plug | 03/04/2009 13:09 | | | | | | | TOP PLUG AWAY |

Cementing Job Log

| Activity Description | Date/Time | Cht # | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments |
|-----------------------------|---------------------|----------|---------------------|---------------|-------|------------------|------------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Displacement | 03/04/2009 13:10 | | 6 | | 65 | | 365.0 | FRESH WATER, 10 BBLs CMT TO SURFACE |
| Slow Rate | 03/04/2009 13:19 | | 2 | | 55 | | 250.0 | |
| Bump Plug | 03/04/2009 13:23 | | 2 | | 65 | | 260.0 | |
| Check Floats | 03/04/2009 13:26 | | | | | | 1290. 0 | THE FLOATS ARE HOLDING |
| End Job | 03/04/2009 13:27 | | | | | | | |
| Pre-Rig Down Safety Meeting | 03/04/2009 13:45 | | | | | | | WITH ALL HES PERSONNEL |
| Rig-Down Completed | 03/04/2009 14:30 | | | | | | | |
| Pre-Convoy Safety Meeting | 03/04/2009 15:00 | | | | | | | WITH ALL HES PERSONNEL |
| Crew Leave Location | 03/04/2009 15:30 | | | | | | | |
| Comment | 03/04/2009 15:35 | | | | | | | THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST, ERIC CARTER AND CREW |

CHEVRON 8.625 SURFACE



| Event Log | | | | | |
|-----------|---------------|----------|----|-------------------|----------|
| 1 | START JOB | 12:38:41 | 2 | PRESSURE TEST | 12:39:03 |
| 4 | PUMP LEAD CMT | 12:50:40 | 5 | PUMP TAIL CMT | 13:00:02 |
| 7 | DROP TOP PLUG | 13:09:52 | 8 | PUMP DISPLACEMENT | 13:10:06 |
| 10 | BUMP PLUG | 13:23:52 | 11 | CHECK FLOATS | 13:26:49 |
| | | | 12 | END JOB | 13:27:18 |
| | | | 3 | PUMP SPACER | 12:40:21 |
| | | | 6 | SHUTDOWN | 13:08:27 |
| | | | 9 | SLOW RATE | 13:19:21 |

| | | | | | |
|--|---|---|---------------------|---------------------------------------|-------------|
| Customer: Well Desc: COMPANY REP: RONNIE MOELLER | CHEVRON SKR 598-36-BV-16RTD Stg GOLD | Job Date: JOB TYPE: SERVICE SUPERVISOR: JAMES LEIST | 03/04/09 SURFACE | Ticket #: ADC USED: YES ELITE 3 | JESSY HAYES |
| | | | | | |

TG Version G3.4.1
04-Mar-09 14:20