



TREATMENT REPORT

MONUMENT WELL SERVICES

779 Valley Ct.

GRAND JUNCTION, CO 81505

970-257-6100

DATE: 3 September 2019

FIELD TICKET #: 117085

| WELL NAME & NO. Yellow Creek Federal 32-12-1 | | GPS: 40.014050, -108.42261 | API # 05-103-11200 | | ALLOWABLE PRESSURE TBG: <u>500 PSI</u> CSG: | | | | | | | | | | |
|--|--------------------------|---|------------------------------|---------------|--|-------|--------------|--|--|--|--|--|--|--|--|
| POOL | FORMATION | JOB DONE DOWN: TUBING CASING ANNULUS WELL TYPE: OIL GAS WATER INJ. | | | PACKER TYPE: PACKER DEPTH: CASING SIZE: <u>9 5/8" 36#</u> INTER. CASING: SURFACE CASING: <u>20" 94#</u> TUBING SIZE: <u>2 3/8" 4.7#</u> TUBING DEPTH: OPEN HOLE: | | | | | | | | | | |
| COUNTY Garfield | STATE Colorado | AGE OF WELL | NEW | REWORK | | | | | | | | | | | |
| TYPE OF SERVICE | | | | | | | | | | | | | | | |
| CUSTOMER NAME: XTO Energy Mike Shank ADDRESS: CITY, STATE, ZIP: TELEPHONE: TREATMENT NO.: CUST. REMARKS: SERVICE RATED: POOR FAIR GOOD EXCELLENT CUSTOMER SIGNATURE: ARRIVED AT LOCATION: 6:30 | | | | | PERFORATED INTERVALS <table border="1"> <thead> <tr> <th>DEPTH</th> <th>NO. OF HOLES</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> | DEPTH | NO. OF HOLES | | | | | | | | |
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| TIME | INJECTION | | PRESSURE | | CEMENT SLURRY | | REMARKS |
|-------|-----------|---------|----------|-----|---------------|-------|----------------------------------|
| | RATE | BBLs IN | CSG | TBG | WEIGHT | YIELD | |
| 6:30 | | | | | | | Arrive at location |
| 8:10 | | | | | | | JSA/ Pump schedule |
| 8:23 | 0.5 | 1 | | 0 | 8.33 | | Pressure test iron to 1,000 PSI |
| 8:34 | 2.5 | 5 | | 350 | 8.33 | | Establish Circulation |
| 8:37 | 2.5 | 6.14 | | 350 | 15.8 | 1.15 | Pump 30 sacks G Neat Cement |
| 8:40 | 2.5 | 12.7 | | 200 | 8.33 | | Displace w/ Fresh water |
| 8:46 | | | | | | | Stand By |
| 9:35 | 2.5 | 142 | | 200 | 9 | | Pump mud |
| 12:35 | | | | | | | Stand Down |
| 13:24 | 2.5 | 5 | | 200 | 8.33 | | Establish Circulation |
| 13:27 | 2.5 | 11.26 | | 200 | 15.8 | 1.15 | Pump 55 sack G Neat Cement |
| 13:32 | 2.5 | 5 | | 150 | 8.33 | | Displace w/ Fresh water |
| 13:45 | | | | | | | Stand By |
| 14:00 | 2.5 | 86 | | 200 | 9 | | Pump mud |
| 16:01 | | | | | | | Stand by |
| 17:29 | 2.5 | 5 | | 50 | 8.33 | | Establish Circulation |
| 17:32 | 2.5 | 13.5 | | 50 | 15.8 | 1.15 | Pump 66 sack G Neat Cement |
| 17:55 | 1 | 9.01 | | 50 | 15.8 | 1.15 | Pump 44 sacks G Neat Cement |
| 18:13 | | | | | | | Wash Truck |
| 19:00 | | | | | | | Secure Equipment/ Leave Location |

| | | | |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| TIME LEFT LOCATION: | 19:00 | NAME & UNIT | Additional Information |
| AVER. LIQUID INJ. RATE: | 2.5 bbls per min | | 1st Plug: Tbg @ 3387' TOC @ 3307.57' |
| MAX. PRESSURE: | 350 PSI | | 2nd Plug: Tbg @ 1447' TOC @ 1301.33' |
| SHUT IN PRESSURE (IMMEDIATE): | 0 PSI | | 3rd Plug: Tbg @ 178' TOC @ Surface |
| SHUT IN PRESSURE (15 MIN): | 0 PSI | | 4th Plug: Tbg @ 38' TOC @ Surface |
| ENGINEER: Dominic Wilson | | | All cement weight verified by scales |



CEMENT REPORT

MONUMENT WELL SERVICES

| | | |
|--|------------------------|--------------------|
| OPERATOR: XTO Energy | DATE: 3 September 2019 | API#: 05-103-11200 |
| LEASE NAME: Yellow Creek Federal 32-12-1 | RIG #: SPN # 14 | COUNTY: Rio Blanco |

| | PLUG #1 | PLUG #2 | PLUG #3 | PLUG #4 | PLUG #5 |
|--|----------|----------|---------|---------|---------|
| CEMENT DATE: | 3-Sep | 3-Sep | 3-Jan | 3-Sep | |
| SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED: | 9 5/8" | 9 5/8" | 9 5/8" | 20" | |
| DEPTH TO BOTTOM OF TUBING OR DRILL PIPE: | 3387' | 1447' | 178' | 38' | |
| SACKS OF CEMENT USED (EACH PLUG): | 30 | 55 | 66 | 44 | |
| SLURRY VOLUME PUMPED: | 6.14 | 11.26 | 13.5 | 9.01 | |
| MEASURED TOP OF PLUG: | 3307.57' | 1301.33' | Surface | Surface | |
| SLURRY WT. #/GAL. : | 15.8 | 15.8 | 15.8 | 15.8 | |
| TYPE CEMENT: | G Neat | G Neat | G Neat | G Neat | |
| MUD FLUSH USED BBLS: | 0 | 0 | 0 | 0 | |
| CALCIUM CHLORIDE USED LBS: | 0 | 0 | 0 | 0 | |
| SUGAR USED LBS: | 0 | 100 | 0 | 100 | |

A handwritten signature in black ink, appearing to be "J. J. J.", written over a horizontal line.

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN Well Services

NAME OF CEMENTING CO.