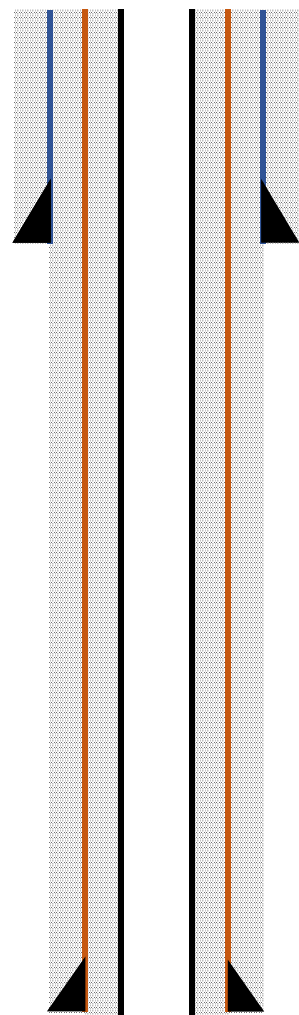


Operator: KERR-MCGEE OIL AND GAS ONSHORE LP  
Well: SACK STATE 30C-30HZ  
API#: 0512339244  
County, State: WELD, COLORADO  
Lat/Long: 40.002606 / -104.939347  
Location: 1N 67W 31 FSL 825 FWL 895  
Directions: WCR 2 & WCR 13,E 2/10,NE 2/10,W 2/10 into

Spud: 8/12/2014  
Date TD Reached: 11/11/2014  
GL: 5065  
TMD: 17415  
PBMD: 17380

Date: 11/13/2024  
KB: 5090  
TVD: 7883  
PBTVD: 7902



Surface Hole: 13.5"  
Surface Casing: 9.625",  
36#, J55, LT&C, Top @  
25, Btm @ 1283  
Surface TOC: 25

1st Intm Hole: 8.75"  
Intm Casing: 7", 26#, HCP-  
110, DQX & LTC, Top @  
44, Btm @ 8227  
Intm TOC: 339

Tubing Set Depth: 2.375 @ 7881.0'

Top Perf @ 8245.0

Bottom Perf @ 17351.0

OHTD: 17434

Production Hole: 6.125"  
Production Liner: 4.500", 12#, HCP-110, DQX, Top @ 7140, Btm @ 17430  
Production Liner TOC: 7140.0'

Hole Sections:

| WB_NO | HOLE_SIZE | TOP    | BOTTOM  | TD_DATE    |
|-------|-----------|--------|---------|------------|
| 00    | 13.500    | 25.0   | 1299.0  | 08/14/2014 |
| 00    | 8.750     | 1299.0 | 8238.0  | 10/21/2014 |
| 00    | 6.125     | 8238.0 | 17434.0 | 11/25/2014 |

Formation Tops:

| FORMATION_NAME | TOP_MD  | BTM_MD  | TOTAL_PERFS |
|----------------|---------|---------|-------------|
| FORT HAYS      | 8245.0  | 17152.0 |             |
| CODELL SAND    | 17200.0 | 17351.0 | 24          |

Additional Equipment:

| COMP | TOP    | BTM    | COMP_NAME       |
|------|--------|--------|-----------------|
| CSGP | 7156.4 | 7159.8 | Casing - Packer |

Cement Jobs:

| ASSEMBLY_NAME       | JOB_TYPE | SACKS_USED | FLUID_TYPE      | SLURRY_DESC   | TOP    | BTM     | CBL | LOG_TOC_MD |
|---------------------|----------|------------|-----------------|---------------|--------|---------|-----|------------|
| SURFACE CASING      | Primary  | 512.0      | TAIL            | TYPE 3        | 25.0   | 1283.0  | No  |            |
| INTERMEDIATE CASING | Primary  | 470.0      | LEAD            | STANDARD      | 44.0   | 5425.0  | Yes | 339.0      |
| INTERMEDIATE CASING | Primary  | 240.0      | TAIL            | STANDARD      | 5425.0 | 8227.0  | Yes | 339.0      |
| PRODUCTION LINER    | Primary  | 680.0      | WATER BASED MUD | 35/65 POZ-MIX | 7140.0 | 17430.0 | No  |            |