

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 NONE

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 | 4277 PSI |
| | | | | | | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | |
| 12:00 | 0 | 0 | 0 | 0 | N/A | YARD CALL | |
| 14:19 | 0 | 0 | 0 | 0 | N/A | ARRIVE ON LOCATION (38 MILES) | |
| 14:21 | 0 | 0 | 0 | 0 | N/A | SPOT TRUCKS | |
| 14:26 | 0 | 0 | 0 | 0 | N/A | PRE-RIG UP SAFETY MEETING | |
| 15:10 | 0 | 0 | 0 | 0 | N/A | SAFETY MEETING | |
| 15:28 | 4277 | 0 | 0 | 0 | WATER | PRESSURE TEST | |
| 15:31 | 338 | 0 | 7.2 | 20 | WATER | CLAY CARE SPACER | |
| 15:35 | 355 | 0 | 7.2 | 20 | WATER | MUD CLEAN II | |
| 15:37 | 387 | 0 | 7.2 | 20 | WATER | CLAY CARE SPACER | |
| 15:43 | 442 | 0 | 7.2 | 167 | CMT | BATCH UP, WEIGH AND PUMP 295 SX OF PLC + 4% Bentonite + 0.6% SMS + 8 lbs/sack CSE-2 @ 11 PPG | |
| 16:09 | 59 | 0 | 4.9 | 71 | CMT | BATCH UP, WEIGH AND PUMP 300 SX OF (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 PPG | |
| 16:26 | 0 | 0 | 0 | 0 | N/A | DROP PLUG | |
| 16:33 | 15 | 0 | 7.2 | 70 | WATER | START DISPLACEMENT | |
| 16:43 | 324 | 0 | 7.2 | 20 | WATER | CAUGHT CEMENT | |
| 16:46 | 752 | 0 | 6 | 10 | WATER | DROP RATE | |
| 16:47 | 887 | 0 | 4.8 | 10 | WATER | DROP RATE | |
| 16:49 | 1058 | 0 | 3.6 | 5 | WATER | DROP RATE | |
| 16:52 | 1261 | 0 | 3.6 | 115 | WATER | BUMP PLUG | |
| 16:52 | 2551 | 0 | 0 | 0 | N/A | PLUG DOWN @ 115 BBLs | |
| 16:57 | 0 | 0 | 0 | 0 | N/A | PRE-RIG DOWN SAFETY MEETING | |
| 17:30 | 0 | 0 | 0 | 0 | N/A | TIME OFF LOCATION | |

| | | | | | | | |
|--|------------------------|--|---------------------------------|-------------------------|-----------------------|--|-------------------------------|
| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | BBL.CMT RETURNS/ REVERSED | TOTAL BBL. PUMPED | PSI LEFT ON CSG | SPOT TOP OUT CEMENT | Service Supervisor Signature: |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1261 | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 0 | 413 | 0 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | |

CEMENT JOB REPORT



| | | | | | | | | | | | | | | | |
|---|----------|---|-------------------------|--|-----------|----------------------------------|---------|---|----------------|----------------------------|------------|---------------------|------------|---------------|--|
| CUSTOMER GREAT WESTERN OIL & GAS | | DATE 25-JUN-12 | F.R. # 1001918222 | SERV. SUPV. BARLEN M JOYNER | | | | | | | | | | | |
| LEASE & WELL NAME H-Y 29-21-3 - API 05123354260000 | | LOCATION 29-6N-67W | | COUNTY-PARISH-BLOCK Weld Colorado | | | | | | | | | | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # CADE 25 | | TYPE OF JOB Long String | | | | | | | | | | | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | | MD | TVD | HANGER TYPES | MD | TVD | | | | | |
| Cement Plug, Rubber, Top 4-1/2 In | | Float Collar, Al Flap, 4-1/2 - 8rd | | | | | | | | | | | | | |
| | | Float Shoe 4-1/2 - 8rd | | | | | | | | | | | | | |
| | | Centralizer, with Pins, 4-1/2 In | | | | | | | | | | | | | |
| | | Cement Basket, Slip On, 4-1/2 In | | | | | | | | | | | | | |
| MATERIALS FURNISHED BY BJ | | | | LAB REPORT NO. | | | | PHYSICAL SLURRY PROPERTIES | | | | | | | |
| | | | | | | | | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT ³ | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER | |
| ClayCare Water | | | | | | | | 0 | 8.34 | 0 | 0 | 00:00 | 20 | | |
| 50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF | | | | | | | | 300 | 14.6 | 1.38 | 5.90 | 02:30 | 73.73 | 42.14 | |
| ClayCare Water | | | | | | | | 0 | 8.34 | 0 | 0 | 00:00 | 114.5 | | |
| Mud Clean II | | | | | | | | 0 | 8.5 | 0 | 0 | 00:00 | 20 | | |
| ClayCare Water | | | | | | | | 0 | 8.34 | 0 | 0 | 00:00 | 20 | | |
| PL+.6%SMS+8#/skCSE2 | | | | | | | | 295 | 11 | 3.22 | 19.86 | 03:30 | 169.18 | 139.66 | |
| Available Mix Water | | 500 Bbl. | | Available Displ. Fluid | | 200 Bbl. | | TOTAL | | 417.41 | | 181.80 | | | |
| HOLE | | | TBG-CSG-D.P. | | | | | | COLLAR DEPTHS | | | | | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE | | | |
| 7.875 | 0 | 7400 | 4 | 4.5 | 11.6 | CSG | 7382 | 7382 | N-80 | 7382 | 7369 | 0 | | | |
| LAST CASING | | | PKR-CMT RET-BR PL-LINER | | | PERF. DEPTH | | | TOP CONN | | WELL FLUID | | | | |
| ID | OD | WGT | TYPE | MD | TVD | BRAND & TYPE | DEPTH | TOP | BTM | SIZE | THREAD | TYPE | WGT. | | |
| 8.1 | 8.63 | 24 | CSG | 854 | 850 | NO LINER | 0 | 0 | 0 | 4.5 | 8RD | WATER BASED | 9 | | |
| 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 | | | | |
| 114.5 | BBLs | ClayCare Water | | 8.34 | 1169 | 0 | 0 | 0 | 0 | 6224 | 3000 | RIG TANK | | | |
| Circulation Prior to Job | | | | | | | | | | | | | | | |
| Circulated Well: Rlg <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | | Circulation Time: 1 | | | | Circulation Rate: 6.7 BPM | | | | | | | |
| Mud Density In: 9 LBS/GAL | | | | Mud Density Out: 9 LBS/GAL | | | | PV & YP Mud In: 34 | | | | PV & YP Mud Out: 34 | | | |
| 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"/> | | | | | | | |
| Displacement And Mud Removal | | | | | | | | | | | | | | | |
| Displaced By: Rlg <input type="checkbox"/> BJ <input checked="" type="checkbox"/> | | | | Amount Bled Back After Job: 1 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE | | | | | | | | | | | | | | | |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | | Quantity: 30 | | | | Type: <input checked="" 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 | | | | | | | | | | | | | | | |
| Plugs | | | | | | | | | | | | | | | |
| Number of Attempts by BJ: 0 | | | | Competition: 0 | | | | 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: 0 FT | | | | Bottom of Plug: 0 FT | | | | | | | |
| Squeezes (Update Original Treatment Report for Primary Job) | | | | | | | | | | | | | | | |
| BLOCK SQUEEZE <input type="checkbox"/> | | SHOE SQUEEZE <input type="checkbox"/> | | TOP OF LINER SQUEEZE <input type="checkbox"/> | | PLANNED <input type="checkbox"/> | | UNPLANNED <input checked="" 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: 0 | | Fluid Weight: 0 LBS/GAL | | | | | | | | | |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE | | | | | | | | | | | | | | | |