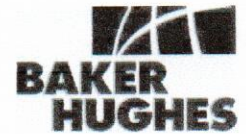


CEMENT JOB REPORT



| | | | | | | |
|---|--|--|---------------------------|---|--------------------------------------|--|
| CUSTOMER WHITING OIL & GAS CORP XI | | DATE 28-MAY-15 | F.R. # 10011155184 | | SERV. SUPV. Edgar Lozano Diaz | |
| LEASE & WELL NAME RAZOR #22D-2703A - API 05123385080000 | | LOCATION 22-10N-58W | | COUNTY-PARISH-BLOCK Weld Colorado | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # Unit 406 | | TYPE OF JOB Surface | | |

| SIZE & TYPE OF PLUGS | LIST-CSG-HARDWARE | MECHANICAL BARRIERS | MD | TVD | HANGER TYPES | MD | TVD |
|---------------------------------------|--------------------------------------|---------------------|----|-----|--------------|----|-----|
| 9-5/8" Top Cem Plug, Nitrile cvr, Phe | Guide Shoe, Cement Nose, 9-5/8 in | | | | | | |
| | Float Collar, Auto Fill, 9-5/8 - 8rd | | | | | | |
| | Stop Collar, 9-5/8 in | | | | | | |
| | Centralizer, with Fins, 9-5/8 in | | | | | | |
| | Thread Locking Compound | | | | | | |

| MATERIALS FURNISHED BY BJ | | LAB REPORT NO. | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT ³ | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER |
|------------------------------|--|---------------------------------|-----------------|----------------|----------------------------|-----------|------------------|------------|---------------|
| Fresh Water | | | | 8.34 | | | | 15 | |
| Type III Cement + Addis | | | 719 | 14.5 | 1.40 | 6.81 | | 179.2 | 116.34 |
| Fresh Water | | | | 8.34 | | | | 126 | |
| Available Mix Water 200 Bbl. | | Available Displ. Fluid 200 Bbl. | | TOTAL | | | | 320.2 | 116.34 |

| HOLE | | | TBG-CSG-D.P. | | | | | COLLAR DEPTHS | | | | |
|------|----------|-------|--------------|-------|------|------|------|---------------|-------|------|-------|-------|
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE |
| 13.5 | 25 | 1690 | 8.921 | 9.625 | 36 | CSG | 1675 | 1675 | J-55 | 1675 | 1629 | |

| 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. | | | |
| 15. | 16 | 65 | | 80 | 80 | NO PACKER | 0 | 0 | 0 | 9.625 | 8RD | WATER BASED | 8.6 | | | |

| 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 | | | | |
| 126 | BBLs | Fresh Water | 8.34 | 1300 | 0 | 0 | 0 | 0 | 3300 | 2300 | | | RIG TANK | |

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 4 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 ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☐ YES ☒

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1 BBLs

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 4 Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

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: 0 Fluid Weight: 0 LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 1500 PSI With 8.34 LBS/GAL Mud Time Held: 00 Hours 20 Minutes

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

CEMENT JOB REPORT



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)
 N/A

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

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

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 | 3000 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 23:00 | 0 | 0 | 0 | 0 | 0 | LEAVE THE YARD | |
| 01:20 | 0 | 0 | 0 | 0 | 0 | ARRIVE TO LOCATION | |
| 01:40 | 0 | 0 | 0 | 0 | 0 | SPOT TRUCK | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | RIG UP MEETING | |
| 03:20 | 0 | 0 | 0 | 0 | 0 | SAFETY MEETING | |
| 01:35 | 0 | 0 | 0 | 0 | 0 | STAB HEAD | |
| 03:45 | 20 | 0 | 1 | 2 | H2O | LOAD LINE | |
| 03:48 | 750 | 0 | 0 | 0 | 0 | LOW PRESSURE TEST | |
| 03:50 | 3000 | 0 | 0 | 0 | 0 | PRESSURE TEST | |
| 03:54 | 60 | 0 | 2 | 15 | H2O | FRESH WATER SPACER | |
| 04:05 | 150 | 0 | 3.6 | 179 | CMT | TYPE III CMT @ 14.5 # 719 SACKS | |
| 05:00 | 0 | 0 | 0 | 0 | 0 | DROP TOP PLUG | |
| 05:03 | 90 | 0 | 3 | 20 | H2O | DISPLACEMENT PRESSURE @ RATE | |
| 05:15 | 560 | 0 | 6 | 60 | H2O | DISPLACEMENT PRESSURE @ RATE | |
| 05:30 | 670 | 0 | 3.5 | 30 | H2O | DISPLACEMENT PRESSURE @ RATE | |
| 05:33 | 700 | 0 | 2.5 | 16 | H2O | SLOW PRESSURE @ RATE | |
| 05:35 | 1300 | 0 | 0 | 0 | 0 | BUMP PLUG | |
| 05:40 | 0 | 0 | 0 | 0 | 0 | TEST FLOAT @ HELD | |
| 05:41 | 1500 | 0 | 0 | 0 | 0 | START CASING TEST | |
| 06:03 | 0 | 0 | 0 | 0 | 0 | BLEAD OFF CASING PRESSURE | |
| 06:15 | 0 | 0 | 0 | 0 | 0 | RIG DOWN MEETING | |
| 06:30 | 0 | 0 | 0 | 0 | 0 | JOB DONE TURN OVER TO RIG | |
| 00:00 | 0 | 0 | 0 | 0 | 0 | 45 BbLS CEMENT BACK TO SURFACE | |

| 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 checked="" type="checkbox"/> Y <input type="checkbox"/> N | 1300 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 45 | 322 | 0 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | |



Baker Hughes JobMaster Program Version 4.02
Job Number: 10011155184
Customer: WHATING
Well Name: RAZOR FEDERAL 22d-2703a

WHITING SURFACE 5-28-15

