# CEMENT JOB REPORT

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| CUSTOMER | DATE | F.R. # | SERV. SUPV. |
|---|---|---|---|
| Chesapeake OPR | 5-26-99 | 1759910229 | Dells |

| LEASE & WELL NAME-OCSG | LOCATION | COUNTY-PARISH-BLOCK |
|---|---|---|
| MI Allen 1-21 | 21-T 15S-36E | Lea |

| DISTRICT | DRILLING CONTRACTOR RIG# | TYPE OF JOB |
|---|---|---|
| Hobbs | Patterson 48 | L/S |

| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE |
|---|---|---|
| TOP | 5 1/2 TRP | - |
| BTM | - | - |

| MATERIALS FURNISHED BY BJ | SLURRY WGT PPG | SLURRY YLD FT³ | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER |
|---|---|---|---|---|---|---|
| 24 bbls Mud Clean I | | | | | | |
| | | | | | | |
| 325 sks Poz H Gel 35:65:6 + 1/10% Fl-52 + | 12.5 | 1.99 | 11:00 | 4:30 | 115 | 85 |
| 1/4#/sks Cello Flake | | | | | | |
| 285 sx H + 3% KCL + 1% Fl-62 + 2/10% CD-32 | 15.6 | 1.20 | 5.23 | 2:37 | 61 | 34 |
| 2/10% SMS | | | | | | |
| Available Mix Water ____ Bbl. Available Displ. Fluid ____ Bbl. | | | TOTAL | | 176 | 119 |

| HOLE SIZE | % EXCESS | DEPTH | TBG-CSG-D.P. SIZE | WGT. | TYPE | DEPTH | TBG-CSG-D.P. SIZE | WGT. | TYPE | DEPTH | COLLAR DEPTHS SHOE | FLOAT | STAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 7/8 | | 8106 | 5 1/2 | 17# | J-55 | 6019 | - | - | - | - | 6019 | 5933 | 1 |

| LAST CASING SIZE | WGT. | TYPE | DEPTH | PKR-CMT RET-BR PL-LINER BRAND & TYPE | DEPTH | PERF. DEPTH TOP | BTM | TOP CONN SIZE | THREAD | WELL FLUID TYPE | WGT. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 5/8 | 36 | J-55 | 4326 | - | - | - | - | 5 1/2 | 8rd | Mud | 10# |

| CAL. DISPL. VOL.-Bbl. TBG. | CSG. | CSG. | TOTAL | CAL. PSI BUMP PLUG | CAL. MAX PSI TO REV. | OP. MAX SQ. PSI | MAX TBG PSI RATED | OP. | MAX CSG PSI RATED | OP. | DISPL. FLUID TYPE | WGT. | WATER SOURCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | 137.6 | 137.6 | 1265 | - | - | - | - | 5200 | 4200 | $H_2O$ | 8.34 | Ric |

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

**PRESSURE / RATE DETAIL**

| TIME HR:MIN. | PRESSURE-PSI PIPE | ANNULUS | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | EXPLANATION |
|---|---|---|---|---|---|---|
| | | | | | | SAFETY MEETING: BJ CREW ☒ CO. REP. ☐ |
| | | | | | | TEST LINES 5200 PSI |
| | | | | | | CIRCULATING WELL-RIG ☒ BJ ☐ |
| 5:21 | 330 | | 6 | 24 | $H_2O$ | Mud Clean I |
| 5:25 | 339 | | 6 | 10 | $H_2O$ | Spacer |
| 5:27 | 450 | | 6.5 | 115 | Cmt | Lead Cmt |
| 5:44 | 155 | | 5.5 | 61 | Cmt | Tail Cmt |
| 5:55 | | | | | | Shut Down Drop Plug |
| 5:57 | 180 | | 9 | 128 | $H_2O$ | Displace |
| 6:11 | 982 | | 3.5 | 10 | $H_2O$ | Slow To Bump |
| 6:13 | 1600 | | | | | Bump Plug |

| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | Bbl. CMT RETURNS/ REVERSED | TOTAL Bbl. PUMPED | PSI LEFT ON CSG | SPOT TOP CEMENT | SERV. SUPV. |
|---|---|---|---|---|---|---|---|
| Y N | 1600 | Y N | 0 | 119 | 0 | | Dells |

1552 (6/96)