

SUNDRY NOTICE
USGS Form 9-331
Felmont Federal #1
7-20-78

- 7-5-78 Ran Induction Electric Log.
- 7-6-78 Ran Dual Induction log from 14160' to 10000'. Ran Eastman Multishot Directional Survey from 14150' MD (13496.58' TVD) & tied-in to previous Directional Survey from 6000' to surface (see attached Record of Survey). Rectangular coordinates from surface location are 3066.32' N & 694.92' W w/3144.08' Bottom-hole displacement N 12 Degs 46 Mins 9 Secs W. Ran GR-Acoustic Velocity Neutron log from 14153' to 2700'.
- 7-8-78 Ran a total of 343 jts (14144.22') of 5½" csg as follows: Float shoe (1.65') set @ 14127', 2 jts (89') 20#, S95, LTC, Float collar (1.43'), 167 jts (7118.85') 20#, S95, LTC, 99 jts (3990.67') 17#, N80, LTC, 74 jts (2904.58') 20#, S95, BUTT, and 1 jt (41.12') 20#, S95, BUTT. Had 20 S-3 centralizers installed on BTM 800' of csg w/S-3 centralizers selectively installed @ 12898', 12859', 12816' & 12460', 12374', 12329'. Cmt'd down 5½" csg w/200 sx Howco-lite containing 0.6% Halad-22, 5 lbs/sk Gilsonite, & ¼ lb/sk Flocele followed by 700 sx Class "H" containing 0.8% Halad-22, 0.4% CFR-2, 3 lbs/sk KCL & ¼ lb/sk Flocele. Plug bumped @ 4:15 p.m. w/2200 PSIG. Floats held. Plug displaced w/10 PPG BW containing 2% KCL. Raised BOP & set slips. Cut-off 5½" csg & ND BOP. NU wellhead.
- 7-12-78 Ran GR-Microseismogram CCL & CBL from 13996' wireline PBTD.
- 7-14-78 Ran 445 jts (14065') of 2 7/8", 6.5#, N 80, EUE w/ABC MOD cplgs. Tested pipe rams to 1800 PSI ok.
- 7-15-78 Tested blind rams to 1800 PSI ok.
- 7-17-78 Perf'd 5½" csg w/1 SPF using a 4" csg gun across the following Morrow Sand Intervals: 13599' to 13619' (20 holes), 13569' to 13573' (5 holes), 13539' to 13549' (11 holes). Total of 36 holes. RIH & set Otis Perma-trieve pkr w/expendable plug @ 13215'.
- 7-18-78 Tested tbg in hole to 9000 PSIG. Stung into Otis pkr, spaced-out, & landed tbg. Installed tbg-hd & tested to 9000 PSIG. Tested tbg-csg annulus to 1500 PSIG for 15" ok.

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