

FASKEN OIL AND RANCH, LTD.
EL PASO FEDERAL NO. 9
Sundry Report

Location: 1980' FSL & 1350' FEL, Section 2, T-21-S, R-26-E, Eddy County, NM

Spudded @ 12:15 a.m. CST 5-6-98

Drilled 17-1/2" hole to 400'. Lost complete returns at 173'. Pumped sweep at 400' and regained full returns. Set and cemented 13-3/8" 48.0# H-40 ST&C casing. Cemented with 440 sx Class "C" with 2% CaCl₂ (sw 14.8 ppg, yield 1.32 cuft/sk). Plug down at 12:15 pm CDT 5-7-98, circulated 5 sx cement. Cementing operations witnessed by Mr. Duncan Whitlock with BLM.

Drilled 12-1/4" hole to 2278'. Set and cemented 8-5/8" 24.0# J-55 casing with 800 sx Class "C" with 4% Gel, 2% CaCl₂ (sw 13.5 ppg, yield 1.74 cuft/sk) plus 200 sx Class "C" with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 cuft/sk). Plug down at 12:30 am CDT 5-11-98, circulated 130 sx cement. Cementing operations witnessed by Mr. Duncan Whitlock with BLM.

Drilled 7-7/8" hole to TD of 10,997'. June 8, 1998 pipe stuck at 4030' while tripping for bit. Had gas pressure on annulus. Bullheaded mud down annulus to kill well. Backed off from fish, tripped out of hole and picked up fishing tools. Tools became stuck at 2984'. Rigged up snubbing equipment. Backed off from 2nd fish, TOH and picked up fishing tools. TIH, engaged fish and jarred loose. POH and laid down fish. TIH and engaged 1st fish. Jarred loose fish and TOH. POH and laid down fish and fishing tools. TIH with 7-7/8" bit and 4-1/2" drill pipe circulating gas off in stages. Tagged TD at 10,750'. RU and ran temperature survey. TOH and laid down drill pipe. TIH with casing and cemented as follows;

Cementing Detail:

1st Stage: Mixed and displaced 875 sx Class "H" 50:50 Poz with 2% Gel, 1% FL-62, 0.3% CD-32, 0.3 BA-10, and 0.3% R-3 (s.w. 14.3 ppg, 1.23 cuft/sx). Plug down at 4:45 pm CDT 6-26-98. Opened DV tool at 5:40 pm and pumped 225 bbls 10.9 ppg mud down 5-1/2" casing followed by 25 bbl of 12.5 ppg mud down 5-1/2" x 8-5/8" annulus. Did not have circulation during 1st stage cementing. WOC 5-1/4 hrs.

2nd Stage: Mixed and displaced 350 sx BJ lite "H" with 5 #/sx Gilsonite, 5 #/sx Salt, 0.2% FL-52, 1/4 #/sx Celloflake (s.w. 12.48 ppg, yield 2.05 cuft/sx), 200 sx Class "H" (thickset) with 8% A10-B, 8 #/sx Gilsonite, 0.3% CD-32 (s.w. 14.6 ppg, yield 1.53 cuft/sx), 475 sx Class "H" 50:50 Poz with 2% Gel, 1.0% FL-62, 0.3% CD-32, 0.3% BA-10 (s.w. 14.3 ppg, yield 1.23 cuft/sx). PD at 11:15 pm CDT 6-26-98. Opened DV tool at 11:45 pm. Pumped 10 bbls of 10.9 pg mud down 5-1/2" casing followed by 10 bbls of 10.9 ppg mud down 5-1/2" x 8-5/8" casing. Did not have circulation during 2nd stage cementing. WOC 6 hrs.

3rd Stage: Mixed and displaced 875 sx Super "C" Modified with 3 #/sx Salt, 8 #/sx Gilsonite, 0.2% SMS, 0.1% CD-32, and 0.5% FL-52 (s.w. 13.0 ppg, yield 1.64 cuft/sx). PD at 7:00 am CDT 6-27-98. Had small trickle of mud circulating during 3rd stage cementing. Hydrostatic pressure of 875 psi indicated cement column lifting above the DV tool.

5-1/2" 17 & 20#/ft N & L-80 LT&C Casing Detail:

1 Davis Lynch (down jet) Float Shoe	1.45'
1 jt 20# L-80 shoe joint	47.15'
1 Davis Lynch Float Collar	1.21' @ 10,907'
4 jts 20# L-80 Sandblasted casing	189.56' @ 10,717' -10,907'
1 jt 20# L-80 marker	9.66' @ 10,708' -10,717'
7 jts 20# L-80 Sandblasted casing	316.70' @ 10,391' -10,708'
10 jts 17# N-80 casing	442.09'
5 jts 17# N-80 sandblasted casing	219.06' @ 9730' -9949'
1 jt 17# N-80 casing marker	10.09' @ 9720' -9730'
3 jts 17# N-80 casing	130.89'
4 jts 17# N-80 Sandblasted casing	176.58' @ 9412' -9589'