

**FASKEN OIL AND RANCH, LTD.
SKELLY FEDERAL NO. 3
DRILL AND COMPLETE
ATTACHMENT TO BLM COMPLETION REPORT**

- 2-19-98 Contractor set 20" conductor pipe at 45' and cemented to surface.
2-21-98 Drilled 17-1/2" hole to 350'. Set and cemented 13-3/8" 48#/ft H-40 ST&C Casing at 348.88'. Cemented with 400 sx Class "C" with 2% CaCl₂ (sw 14.8 ppg, yield 1.32 cuft/sk). Plug down at 8:45 pm 2-23-98, did not circulate cement.

1" Cementing Detail:

1. Tagged @ 71', pumped 50 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs.
2. Tagged @ 107', pumped 50 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs.
3. Tagged @ 92', pumped 50 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs
4. Tagged @ 107', pumped 25 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs.
5. Tagged @ 97', pumped 25 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs.
6. Tagged @ 107', pumped 25 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs
7. Tagged @ 107', pumped 25 sx Class "C" w/ 3% CaCl₂, WOC 2 hrs
8. Tagged @ 107', pumped 30 bbls. mud containing 40#/bbl LCM followed by 25 sx Class "C" w/ 5% CaCl₂, WOC 2 hrs
9. Tagged @ 97', pumped 25 sx Class "C" w/ 5% CaCl₂, WOC 2 hrs
10. Tagged @ 80', pumped 50 sx Class "C" w/ 5% CaCl₂, WOC 2 hrs
11. Tagged @ 78', pumped 15 bbls mud containing 40#/bbl LCM followed by 25 sx Class "C" w/ 4% CaCl₂, WOC 2 hrs.
12. Tagged @ 78', dumped 40- 5 gal. buckets of 3/8" pea gravel down annulus, tagged @ 70', pumped 25 sx Class "C" w/ 5% CaCl₂, WOC 2 hrs
13. Tagged @ 70', dumped 70- 5 gal. buckets of 3/8" pea gravel down annulus, pumped 25 sx Class "C" w/ 2% CaCl₂ and circulated 10 sx to surface.

Note: Cementing operations witnessed by Don Early, Duncan Whitlock, and Jim Amos with BLM.

- 2-25-98 Drilled 12-1/4" hole to 2969'. Lost returns @ 395', mixed and pumped 3- 75 bbl. pills containing 50 ppb LCM and did not regain circulation. RU and completed drilling 12-1/4" hole with air equipment.
- 3-5-98 Set and cemented 8-5/8" J-55 ST&C Casing (739' 32#, 2237' 24#) at 2967'. Cemented with 300 sx Thrixotropic (Class "H" with 12% Cal Seal, 1% CaCl₂, 5# Gilsonite, 1/2# Flocele, s.w. 14.1 ppg, yield 1.74 ft³/sx, 1000 sx Class "C" with 4% gel and 2% CaCl₂ (s.w. 13.5 ppg, yield 1.74 ft³/sx), plus 200 sx Class "C" with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 ft³/sx). Plug down at 3:10 am CST 3-5-98. Did not circulate cement. Final hydrostatic pressure 780 psi, calculated hydrostatic pressure to circulate 800 psi. Top of cement 500' from surface per temperature survey.

1" Cementing Detail:

- Tagged top of cement at 420' with 1" tubing
Plug No.1: 25 sx Class "C" cement with 4% CaCl₂. WOC 1-1/2 hrs. Tagged at 420'.
Plug No.2: 25 sx Class "C" cement with 4% CaCl₂. WOC 1-1/2 hrs. Tagged at 405', loaded hole with fresh water, hole standing full.
Plug No.3: 165 sx Class "C" cement with 2% CaCl₂. Circulated 20 sx excess cement.

- 3-5-99 Drilled 7-7/8" hole to TD 10,100'. DST No. 1-No. 6 summaries as follows.