

BAKER ENGINEERING

Oil and Gas Consultants

ENERGY SQUARE, SUITE 203

505 NORTH BIG SPRING STREET

MIDLAND, TEXAS 79701

PHONE 915-685-3778

FULLER PETROLEUM, INC.

BRUSHY DRAW DEEP FEDERAL NO. 1

7 3/4" LINER SETTING AND CEMENTING RECORD

Drilled 8 1/2" hole to 13,425' K.B.

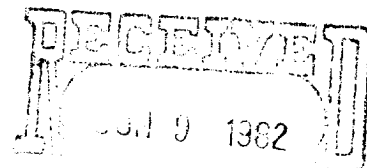
Ran Schlumberger CNL-Density and DIL logs.

7 3/4" liner detail, from top to bottom, as follows:

7 3/4" liner setting sleeve with tie back extension and "RSB" profile	5.38'
7 3/4" x 9 5/8" BOT, CMC liner hanger	9.70'
7 3/4", 8rd x 7 3/4", AB FL-4S crossover bushing	0.83'
61 jts, 7 3/4", 45.47#/ft., P-110, AB FL-4S csg	2,419.48'
Landing collar and float collar	1.20'
2 jts, 7 3/4", 45.47#/ft., P-110, AB FL-4S csg	77.58'
Float shoe	2.00'
Total String - 63 joints	2,516.17'
Liner setting depth	13,395.00' K.B.
Top of liner	10,879.00' K.B.
Liner overlap in 9 5/8" csg	347.00'

Circulated hole for 2 1/2 hours. Cemented liner with 650 sacks Class "H" cement with 0.6% Halad 22-A, 0.4% CFR-2, 0.3% HR-7 and 3#/sack KCl. Cement mixed at 16 ppg. Plug down at 1:15 A.M., April 19, 1982.

Waited on cement 24 hours. Drilled out 730' of cement on top of liner. Cleaned out inside liner top and tested to 3000 psi for one hour with no pressure loss.



BDB/lsg
June 3, 1982

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U.S. GEOLOGICAL SURVEY
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