

PERC**WELL CHRONOLOGY REPORT****WELL NAME : LUSK WEST DELAWARE UNIT #011**WELL ID # : 924998011OPERATOR : PIONEER NATURAL RESOURCES

DISTRICT :

FIELD : LUSK WEST (DELAWARE)LOCATION : UL K, 1980' FSL & 1980' FWL, SEC. 20, T19S, RCOUNTY & STATE : LEANM

CONTRACTOR :

NWI WI% : 90.93620 AFE# : 317070 API# : 30-025-34173PLAN DEPTH : 7,200 SPUD DATE : 11/10/97DHC : \$287,350 CWC : \$132,100 AFE TOTAL : \$419,450FORMATION : BRUSHY CANYON

REPORT DATE : 11/11/97 MD : 325 TVD : 0 DSS : 1 DOL : 0 MW : 8.3 VISC : 28

DAILY DETAILS :

1ST REPORT:

DIRECTIONS: GO WEST OUT OF HOBBS, NM ON HWY 62-180 FOR 37 MILES TO NM HWY 243, TURN RT ON 243 FOR 4.7 MILES. TURN RIGHT ON THE LUSK FIELD ROAD. GO 4.3 MILES, THEN TURN RIGHT (EAST) FOR 0.8 MILES, THEN TURN NORTH 0.5 MILES TO RIG.

MIRU LAKOTA DRLG CO. RIG #4. SPUDED @ 6:00 PM ON 11/10/97.

REPORT DATE : 11/12/97 MD : 325 TVD : 0 DSS : 2 DOL : 1 MW : 8.3 VISC : 28

DAILY DETAILS : REPAIRING ROTARY.

REPORT DATE : 11/13/97 MD : 795 TVD : 0 DSS : 3 DOL : 2 MW : 8.5 VISC : 29

DAILY DETAILS : FINISH REPAIRING ROTARY TABLE, DRLG FROM 325' TO 682'. SURVEY 1 DEG @ 682', DRLG FROM 682' TO 795'. ART: DRLG.

REPORT DATE : 11/14/97 MD : 850 TVD : 0 DSS : 4 DOL : 3 MW : 9.8 VISC : 28

DAILY DETAILS : DRLG 795' TO 850', SURVEY 1 1/2 DEG @ 850'. CIRC & PUMPED SWEEP. TOH. RU BULL ROGERS CSG CREW. RUN 19 JTS 13 3/8" CSG. RU BJ, CMT CSG. CIRC 240 SX CMT. RAN 7 CENT. PLUG DOWN @ 4:15 PM 420 PSI. FLOAT HELD. CUT OFF CSG & WELDED ON WELLHEAD. NU. ART: DRLG CMT.

CSG & CMT DETAIL:

1-13 3/8" TEX PATTERN SHOE J55 STC

1.00

1-13 3/8" SHOE JT. 54.5# J55 STC

45.20

19-13 3/8" 54.5# J55 STC CSG.

809.07

TOTAL CSG

855.27

CUT OFF

24.27

CSG LEFT IN HOLE

831.00

KB

17.00

CSG LANDED KB

848.00

RAN 7 CENT. LOCKED 1ST IN PLACE W/LIMIT RING JUST ABOVE GUIDE SHOE, FOLLOWED BY ONE EVERY 4TH COLLAR. #19, 15, 11, 7, 4 & 2.

CMT W/475 SX 35.65 POZ CL"C" + 6% GEL + 5% SALT + .25#/SX CELLOFLAKES, WT 12.7 PPG, YIELD 1.94 CUFT/SK, WTR - 10.48 GAL/SX. TAIL: W/200 SX "C" NEAT + 2% CACL2 + 2.5#/SX CELLOFLAKES. WT 1444.86 PPG, YIELD 1.32 CUFT/SX, WTR - 6.32 GAL/SX.

REPORT DATE : 11/15/97 MD : 1,880 TVD : 0 DSS : 5 DOL : 4 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG CMT, INSTALL ROTARY HEAD. DRLG 850' TO 979'. SURVEY 1 DEG @ 979'. DRLG 979' TO 1468'. SURVEY 3/4 DEG @ 1426'. DRLG 1468' TO 1880'. ART: DRLG W/FULL RETURNS.

