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NORTH INDIAN BASIN UNIT "17"
SOUTH DAGGER DRAW
990' FNL & 660' FEL
SEC 11, T-21-S, R-23-E
EDDY, CO. N.M.

6/10/95 - MIRU UNITED DRILLING COM. RIG #1, AIR DRILLED 14 3/4" HOLE TO 15' & SET 13 3/8" CONDUCTOR. CEMENTED W/REDIMIX, AIR & MIST. DRILLED 12 1/4" HOLE TO 1,210'. TD @ 104 HRS. 6/14/95.

R.U. CASING CREW, RAN 27 JTS., 9 5/8", 36#, J-55 STC, NEW CASING TO 1,210', FLOAT SHOE @ 1,209', FLOAT COLLAR @ 1,164'.

CEMENTED SURFACE CASING W/200 SX CLASS "H" W/12% THIXAD, 10 PPS GILSONITE, 1PPS CELLO, 2% CACL₂. @ 14.6 PPG, YIELD - 1.55, 225 SX PSL "C" W/3% CACL₂, 10 PPS GILSONITE, 1/4 PPS CELLO, TAILED IN W/200 SX 'C' W/ 2% CACL₂. DID NOT CIRC CEMENT.

WOC 7 HRS. RAN 1" & TAGGED UP @ 245'. CEMENTED W/100 SX CLASS 'C' W/4% CACL₂. CIRC'D 15 SX TO SURFACE.

CUT 9 5/8" CASING. INSTALLED 9 5/8" X 11" 3M SOW CASING HEAD. TESTED WELD TO 500 PSI.

6/14/95 - MIRU MCVAY #4. NU 11"3M DUAL RAM BOP'S, CHOKE MANIFOLD AND ANNULAR. TESTED BLIND & PIPERAMS, CHOKE LINES AND MANIFOLD, FLOOR LINES AND VALVES TO 300/3,000 PSI. TESTED ANNULAR TO 1,500 PSI.

PU 8 3/4" BIT, TIH & TAGGED CEMENT @ 1,159', TESTED CSG TO 1,750 PSI.

DRILLED CEMENT & COLLAR 1,159' - 1,195', TESTED CSG TO 1,750 PSI. DRILLED SHOE JT. & RESUMED DRLG FORMATION.

DRILLED 8 3/4" HOLE TO 8050'. TD @ 745 HRS 6/30/95. POOH RU LOGGERS & TESTED PCKOFF. LOGGED WELL AS FOLLOWS: DLL/MSFL/GR//CNL/LDT/CAL/NGT. 8,050' - 4,000', CNL/CAL/GR TO SURFACE, FMI/GR/CAL 8,050' - 7000' RD LOGGERS. CHANGED RAMS TO 7". RAN 80 JTS., 7", 26#, K-55, LTC (3,595') & 100 JTS 7", 23#, K-55, LTC (4,455'). FLOAT SHOE @ 8,048', FLOAT COLLAR @ 7,955' DV TOOL @ 6,325'.

CEMENTED 1ST STAGE W/425 SX "H" W/5 PPS CSE. 5 PPS GILSONITE, .6% CF-14, .3% WL-1P @ 15.1 PPG, YEILD 1.32. DISPLACED W/WATER AND MUD BUMPED PLUG, SHIFTED TOOL, CIRCULATED 30 SX TO SURFACE. CIRC. W/RIG PUMPS 4 HRS.

CEMENTED 2ND STAGE W/750 SX PSL 65:35:6 W/5 PPS GILSONITE, 5% NACL, 1/4 PPS CELLO @ 12.5 PPG, YEILD 2.03, TAILED IN W/ 100 SX "C" NEAT @ 14.8 PPG YIELD 1.32. BUMPED PLUG W/1500 PSI CLOSED DV TOOL. DID NOT CIRC CEMENT, LOST 80% RETURNS W/219 BBLS DISPLACEMENT GONE. CALCULATED TOC @ 908'.

ND BOP, SET SLIPS W/162K, CUT 7" CSG, INSTALLED 11"3M X 7 1/16" 3M TBG. HEAD, TESTED TO 3,000 PSI. INSTALLED DRY HOLE FLANGE. RELEASED RIG @ 0600 HRS 7/2/95

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