

NEW MEXICO STATE #1-175

LEA COUNTY, NEW MEXICO

DRILL STEM TESTS:

DST #1 3500-3650' HFT. T.O. for 30 mins, WBA to dead in 25 mins. Rec. 100' drlg mud, no shows, FBHP 115-115#, 30 min SIP 115#, HP 2040# in & 2010# out.

DST #2 3770-3800' HFT. T.O. for 1 hour, strong blow W/GTS in 5 mins, Gas volume 3,673 MCF/Day. Rec no oil or water, FBHP 410-320#, 30 min SIP 1635#, HP 2098# in & 2010# out.

DST #3 3830-85' HFT. T.O. for 90 mins, SB W/GTS 50 mins, Volume 8470 CF/Day. Rec 473' fluid including 173' HO&GCM / 300' free oil, Gty 41.0° corr, no water, FBHP -95-190#, 30 min SIP 1155# & increasing, HP 2150# in & 2135# out.

WSO #1 Testing perfs 3781-82 HT. T.O. for 1 hour, FB W/GTS in 10 mins, GTEM. Rec 180' load oil above SI tool, dry below SI tool, no water, FBHP 60-90#, 30 min SIP 295#, HP 1400# in & out.

CORE DESCRIPTIONS:

CORE #1 3840-85', 6-1/8" Dia. Rec. 45'.
8 1/2' Sand, gray, fine stained w/streaks unstained sand, tight to fair por.
4' Dolomite, white dense, vug por & stained in top 6".
16 1/2' Sand, gray, fine, good stain, fair to good por.
1' Sand, tight, no shows.
1' Dolo, tan, fine xln, no shows.
11 1/2' Sand, same as top 8 1/2'
2 1/2' Dolo, same as above.

HH/jj-1

8-11-55

