

HNG OIL COMPANY  
Lovington Plains 1 State Com., Well No. 1  
1980' FNL & 1980' FWL, Sec. 1, T16S, R34E  
Lea County, New Mexico

DST No. 3 Run 8-15-82

Interval: 12,770-12,837'

Water Cushion: 1200' fresh water

Tool open: 9:26 AM 8-14-82

Tool open 30 min w/weak blow of air; incr fair to good blow after 10 min; Stab;  
tool open 120 min, weak blow to fair to good; 50 min decr to very weak.

Recovery: 1200' water blanket, 27 gal diesel, 46' drilling fluid; 27 gal 415

Pressures:	<u>Top Chart</u>	<u>Btm Chart</u>
Initial SIP time 60 min	1183.8	1251.4
Initial FP time 30 min	684.3	735.7
Final SIP time 240 min	1105.0	1170.3
Final FP time 120 min	736.09	790.2
Initial HP	6721.5	6764.9
Final HP	6721.5	6764.9

Bottom hole temp: 173<sup>0</sup> F

Sample chamber recovery: 2400 cc drilling fluid

Sample Chamber pressure: 0

Chlorides in sample chamber: 180,000

Chlorides in pit: 180,000

Chloride in top fluid 181,000 .046 at 70<sup>0</sup>

Cored Interval 12,772' to 12,837' Total: 65' (Shoebar Lime)