

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. 1 Run 7-28-82

Interval: 11,357-11,306'

Water Cushion: 1200' Fresh wtr and corr inhb

Tool Open: 3:36 PM 7-28-82

Opn w/weak blow; incr to 3#

Recovery: 1200' wtr blanket and 350' G/C drlg fluid

Pressures:	<u>Top Chart</u>	<u>Btm Chart</u>
Initial SIP Time 60 min	4509.2	4722
Initial FP Time 30 min	626.5	610.9
Final SIP Time 280 min	4417.9	4497.8
Final FP Time 140 min	696.1	701.4
Initial HP	5580.9	5617.9
Final HP	5580.9	5617.9

Bottom Hole temp: 161⁰

Sample Chamber recovery: 2250 cc total fluid, 100 cc oil

Sample Chamber pressure: 350 psi

Chlorides in pit: 115,000

DST No. 2 Run 8-2-82

Interval: 12,042-12,098' (Strawn)

Water Cushion: 1200' fresh water & corr inhb

Tool open 1:32 PM 8-2-82

Very weak blow for 8 min, well dead.

Recovery: 1200' water blanket

Pressures:	<u>Top Chart</u>	<u>Btm Chart</u>
Initial SIP Time 90 min	3045	3087
Initial FP Time 30 min	2835	2871
Final SIP Time 120 min	421	436
Final FP Time 30 min	316	354
Initial HP	6138	6170
Final HP	6138	6170

Bottom hole temp: 173⁰

Sample chamber recovery: 2400 cc drlg fluid

Sample Chamber pressure: 0

Chlorides in pit: 125,000