

Skelly Oil Company
Box 38
Hobbs, New Mexico

May 13, 1953

SEE FORM C-105 ATTACHED

MEXICO "S" LEASE WELL NO. 2 - Owned and Operated by Skelly Oil Company

REPORT OF DRILL STEM TEST

D.S.T. No. 1 - 8470-8650':

1" top, 1" bottom chokes, 4" drill pipe. Tool open 6 hours, 49 minutes with good blow of air immediately. Gas to surface in 11 minutes, mud to surface in 1 hour, 9 minutes, oil to pits in 1 hour, 34 minutes, oil to tank in 1 hour, 49 minutes and flowed 5 hours 164.90 Bbls. fluid, shakeout averaged 8/10 of 1% B.S. and 8/10 of 1% water. Drawed 5 Bbls. salt water off separator. Reversed 11 Bbls. oil, no water out of drill pipe. H.P. 4700# in and 4600# out, F.P. 800-2350#, 15-Min. B.H.B.U. 2800#. Corrected gravity 42.2 deg. GOR 1060/l.

D.S.T. No. 2 - 8495-8595':

1" top, 1" bottom chokes, 4" drill pipe. Tool open 7 1/2 hours with good blow of air immediately. Gas to surface in 5 minutes, mud to surface in 1 hour, 25 minutes, oil to pits in 1 hour, 45 minutes, oil to tank in 1 hour, 50 minutes and flowed 5 hours, 40 minutes 195.20 Bbls. fluid, shakeout averaged 4% water 2% mud. Drawed 7 1/4 Gals. water off separator. Reversed 20 Bbls. oil, out 6% water out of drill pipe. Recovered 20 Gals. salt water on top of tool. F.P. 630-1200#, 30-Min B.H.B.U. 2815#. H.P. in 4555#, out 4485#. Gas tested at rate of 1,212 MCF/day.

D.S.T. No. 3 - 8600-8650':

Tool open 3 hours with light blow of air for 12 minutes and died. No gas to surface. Pulled 4" drill pipe and recovered 30' of drilling mud. No shows of oil, gas or formation water.

D.S.T. No. 4 - 8560-8650':

1" top, 1" bottom, chokes, 4" drill pipe. Tool open 6 hours with good blow of air immediately. Gas to surface in 11 minutes, mud to surface in 57 minutes, oil to pits in 1 hour, 21 minutes, oil to tank in 1 hour and 51 minutes and flowed 4 hours, 9 minutes 93 Bbls. fluid, shakeout averaged 2.8% water. Drawed 128 Gals. water off separator. Reversed 17.60 Bbls. fluid out of drill pipe, shakeout averaged 3% water. Pulled pipe and recovered 10 Gals. salt water on top of tool. H.P. in 4525#, out 4450#, IFP 1400#, FFP 1425#, 20-Min. B.H.B.U. 2725#. Gas tested at rate of 861 MCF per day.

D.S.T. No. 5 - 8579-8650':

1" top, 1" bottom chokes, 4" drill pipe. Tool open 5 hours, 47 minutes, Gas to surface in 8 minutes, mud to surface in 35 minutes, oil to pits in 39 minutes, oil to tank in 47 minutes, and flowed 5 hours 172.40 Bbls. oil, no water. Drawed 10 Gals. drilling mud off separator during 5-hour test. Reversed 20 Bbls. oil out of drill pipe. Pulled drill pipe and found no water on top of tool. H.P. in 4575#, out 4500#, F.P. 600-1150#, 20-Min. B.H.B.U. 2625#. Gas tested at rate of 1,240 MCF/day.

2025 RELEASE UNDER E.O. 14176

RECEIVED THE DIRECTOR OF NATIONAL INTELLIGENCE - 2 JAN 1964 (P) 1000 0000

FILED - 497 JUNE 10 1964

10233-0118 - (. 74 . 1 . 2 . 2)

1. A.B. 28000 connected directly to 2 deg. 600 10000.
2. A.B. 28000 to drill pipe. H.P. 17000 in and 4000 out, F.P. 800-2300, 15-20.
3. In water. A.B. 28000. Some water off separator. recovered 15 Bbls. oil. no
4. A.B. 28000 2 hours 10.00 Bbls. fluid, separator averaged 10.00 Bbls. oil. 15-20
5. A.B. 28000. oil in tank 1 hour. 30 minutes. oil in tank 1 hour. 45 minutes.
6. A.B. 28000. oil in tank 1 hour. 30 minutes. oil in tank 1 hour. 45 minutes.
7. A.B. 28000. oil in tank 1 hour. 30 minutes. oil in tank 1 hour. 45 minutes.
8. A.B. 28000. oil in tank 1 hour. 30 minutes. oil in tank 1 hour. 45 minutes.
9. A.B. 28000. oil in tank 1 hour. 30 minutes. oil in tank 1 hour. 45 minutes.
10. A.B. 28000. oil in tank 1 hour. 30 minutes. oil in tank 1 hour. 45 minutes.

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1" top in bottom strokes, 4" drill pipe. Tool open 7 1/2 hours with good flow at 100 psi. Gas to surface in 5 minutes, and no surface in 1 hour, 25 minutes, oil to surface in 1 hour, 45 minutes, oil to tank in 1 hour, 30 minutes and flowed 2 hours, 30 minutes averaged 48 water 32 mud. Drayed 48 hours.

60 Holes, all out of water end of drill pipe. Recovered 20 Holes, all out of water on top of tool. W.P. 600-1000, 30-min G.M.A.U. 2450. S.R. 100. Gas tested at rate of 1.025 MCF/day.

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...the engine was started and the pump was run for 15 minutes and died. No gas was released. The pump was then run for 30 minutes and released 30% of drilling mud. No shows of oil, gas or water were observed.

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