Skelly Oil Company Box 38 Hobbs, New Maxico

Nay 13, 1953

SKE 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. Mo. 1 - \$470-\$650': 1" top, 1" bettem 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 15 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 1060/1.

D.B.T. No. 2 - 8495-8595': 1" top, 1" bettom checkes, 4" drill pipe. Tool open 7% hours with good blow of air immediately. Gas to surface in 5 minutes, med to surface in 1 hour, 25 minutes, oil to pits in 1 hour, 45 minutes, eil to tank in 1 hour, 50 minutes and flowed 5 hours, 40 minutes 195.20 Bbls. fluid, shakeout averaged 4% water 2% mud. Drawed 74 Gals. water off separater. Reversed 20 Bbls. cil, cut 6% water out of drill pipe. Recovered 20 Gals. salt water on top of tool. F.P. 630-1200#, 30-Min H.H.B.U. 2815#. H.P. in 4555#, out 4485#. Gus 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 - 8560-86501; 1" top, I" bottom, chokes, 4" drill pipe. Toul 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 separater. Reversed 17.60 Bals. 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 MGF per day.

D.S.T. No. 5 - 8579-8650'; 1" top, I" 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 mad off separater during 5-hour test. Reversed 20 Bbls. oil out of drill pipe. Pulled drill pipe and found no water on tep of tool. H.P. in 4575#, out 45004, F.P. 600-1150#, 20-Min. B.H.B.W. 2625#. Gas tested at rate of 1,240 MCF/day.

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TEL PORK C-105 ATTACKED

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2.5.1. M. 1 - 8670-86504: It cop. is bobbom incless, at delli pipe. Root spec 6 hours, at minutes with good low of the basedictely. Saw to surface in 11 minutes, and be surface in 1 conn. A somsten, of the soil bour, 34 monter, oil or tank for 1 hour, 49 about and Marshi & nours lide. 90 Etta. Muid, shabeout averaged 3/20 of 25 2.3. and 1/20 al Li Matter. Reced 5 Mbls. sour water off separator. Reversed 11 Bbls. of a water or out 10 mbls. Access an and 1000 mbly 7.7. 800-2350%, 15-200. 1.1.5.6. 28004. Connected gravity 12.2 dec. 603 1060/2.

1.2.7. 10. 2 - 0095-83931: 1" top, 1" bottom shokes, 4" drill pipe. Sool open 72 nours with good bloss of size inmediate aly. Gas to surfuge in 5 minutes, and to surface in 1 hour, 25 stances, oil to prise in 1 hour, 45 minutes, oil to tank in 1 hour, 50 minutes and flower 5 hours, all chapses 195.20 Bbls. flaid, chakeout averaged 14 mater 25 mud. braved 54 (main water off separator. Reversed 20 Bbls. 011, out 65 water out of drill pipe. Secondered 60 Gals. salt water on top of tecl. F.M. 630-12006, 30-Min S.M.B.U. 26154. C.P. un a5355, and Wilf. See thated as make of 1,012 HOP/day.

D.C.1. No. 3 - 6600-86501: Tool appa 3 bours with light blow of air for 13 minutes and died. No dae to varface. Fulles Le drukt pipe and recovered 300 of drifting and. To shows of oil, and ar Corteiton water.

r.c.c. is. L = 850-86501: $L^* = c_0$, L^* bobben, chakes, an single place. Then once 5 bours with pood flow of air namediately. Sae to surface in 11 sinutes, and to surface in 57 cinutes, oil to pica in 1 nour, 21 sinates, oil to tank in 1 hour and 51 remutes and rloued 4 hours. 9 minutes 93 This, finid, shakeout overaged 2.81 actor. Drawed 1.8 Gals, water off separator. Severed 11.60 3Ms. It is out of drill size, shakeous averaged of when Bulled physical recovered 10 dala. salt water on top of tool. H.P. in sh25%, cut MARCH. IFP LAND, FFR LASS, 20-84n. B.H.P.D. 25522 Gen boabed on rate of 861 361 **.***196 **19**6

5.5.7. <u>19.5 - 3599-80301:</u> 1 159, 1" testes chokes, 6" drill pipe. Sool open 5 no ru, 47 minutes, 5an 10 surface in 8 minutes, and to surface in 35 minutes, oil to pits in 19 minutes, oil to tark in AT minutes, and flowed 5 hours 172.40 Bbls. oil, no water. Artweed 10 hale. in Using and off separator during 5-hour test. Reversed 20 Hile. oil out of arill pipe. Fulled drill pipe and found no water on top of tool. H.P. in 457 by an 45 864, F.F. 600-11504, 20-616. B.H.E.U. 26254. Gas techod at rule of 1,240 , tistel TOR