

TREBOL OIL COMPANY & E. G. RODMAN FEDERAL #1

Cooper-Jal Field, Lea County, New Mexico

Drill Stem Tests:

DST #1 3400-3500 open 1 hour. 5/8" bottom choke - 1" top choke. Sweet gas to surface in 4 minutes. 822 MCFPD end of 12 minutes, 1,300 MCFPD at end of 1 hour. Received 1040' heavily gas cut mud. Bottom hole flowing pressure 360#. 15 minutes S.I.B.H.P. 1080#.

DST #2 3498-3675 open 1 hour and 45 minutes. 5/8" bottom choke, 1" top choke. Gas to surface in 14 minutes. 175,000 CFPD at end of 1 hour and 40 minutes. Received 360' of gas cut mud. Bottom hole flowing pressure 175# to 275#. 15 minutes S.I.B.H.P. 1075#.

DST #3 3680-3730 open 1 hour and 40 minutes. 5/8" bottom choke, 1" top choke, Gas to surface in 1 hour and 25 minutes. Volume too small to measure. Received 360' mud cut with gas and trace of sulphur water. Bottom hole flowing pressure zero, 15 minutes S.I.B.H.P. zero. Drilled to total depth of 3845'. Cemented 7" O.D. casing at 3840' with 200 sacks around shoe to base of salt and 200 sacks through Halliburton multistage collar at 1981' or top of salt. Let set 72 hours and drilled out cement to 3832'. Ran radioactivity log. Tested casing with 1000# for 30 minutes. Held O.K. Perforated casing 3806-3809, 3814, 3818, 3820-3830 with 4 shots per foot. Ran 2" tubing to 3822' with packer at 3786'. Swabbed dry, showed small amount of oil, gas and water. Acidized casing perforations with 1000 gallons of 15% regular acid. Flowed estimated 7 barrels fluid per hour, 20% oil and 80% sulphur water. Readidized casing perforations with 2000 gallons 15% regular acid, then flowed 151 barrels of fluid in 12 hours (50 barrels of oil and 101 barrels sulphur water). Now shut in. Top Yates Sand 3421', top Seven Rivers 3711'. Elevation 3485' D.F.

Deviation Test at 3252', S.L.M. OK.

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DATE 10/15/01 BY 1043

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