

RECORD OF DRILL-STEM AND SPECIAL TESTS - STATE #2

INDEPENDENT OIL & GAS CO.

MAR 7 11 31 AM '67

DST #1 9674-9740 Tool open 1:30. 5" pre-flow. 27" ISIP. Tool opened with good blow, GTS 23", good blow during remainder of test. 30" FSIP. Recovered 7,000' gas cut water. ISIP - 2755#, FSIP - 2713#, FP 751-2649#, HH in 4627#, HH out 4563#.

DST #2 9768-9811, packer failed.

DST #3 9768-9885 Tool open 1:30. 7" pre-flow. 20" ISIP. Tool opened with good blow. GTS-29", good blow during remainder of test. 30" FSIP. Recovered 720' fluid, 130' drilling mud, 590' very heavy oil and gas cut mud. ISIP - 3077, FSIP - 2269, FP 109-322. HH in 4660#, HH out 4640#.

Per-
forated 9836-44, 9847-49 W/2 bullets per ft. Set packer at 9812 and acidized with 1,000 gal. mud acid and 1,000 gal. regular acid. Recovered load and swab water.

Set CIBP at 9725'.

Per-
forate 9787-89, 9794-96, 9807-09, 8717-20 W/2 jets per ft. and acidized with 1,000 gal. mud acid and 3,000 gal. regular acid. Recovered load and swab 27 BO plus 58BW in 5 hrs. Swab 27 BO, 180 BW in 30 hrs. Bridge plug failed.

Per-
forate 9727-34 W/4 jets per foot. Set packer at 9862 and retrieveable bridge plug at 9783. Acidized with 500 gals. mud acid and 1,000 gals. regular. Swab load. Swab 21 BO and 170 barrels water in 36 hrs. Bridge plug failed.

Set CIBP at 9729'.

Set Packer at 9721 and retrieveable bridge plug at 9778. Acid perforations 9727-34 W/500 gals. mud acid, 1,000 gals. reg. Recovered load and swab 21 BO and 80 BW in 24 hrs. Bridge plug failed.

Set CIBP at 9770'.

Set Packer at 9714 and acid perforations 9727-34 W/250 gals. mud acid, 1,000 gals. reg. Recovered load and swab 30BO and 170 BW in 24 hrs. Bridge plug failed.

Set CIBP at 9758'.

Set Packer at 9720 and acidize perforations. 9727-34 W/250 gals. mud acid, 1,000 gals. regular acid. Recovered load and swab 33 BO and 45 BW in 12 hrs.

Placed well on production February 3, 1967.

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1250 to 900 BC.

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On 10/10/68, the water level at the station was 10.0 feet above the datum. The water level at the station was 10.0 feet above the datum. The water level at the station was 10.0 feet above the datum.

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1. The following information was obtained from the files of the FBI, New York Office, dated 10/10/50:

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• Factorial ANOVA is used when there are two or more independent variables.