

RECORD OF DRILL STEM TESTS

- 12-12-46 Total depth 5071' Ran drill stem test with packer set at 5053' with perforations at 5056-5060, tool opened at 7:30PM, gas to top in 2½ minutes, gas rate at start 1,000M, at end of test 705M, daily average rate 852M, closed tool at 11PM, recovered 50' oil gravity 38.8 @ 49 corrected 39.7, 150' oil cut mud, hydrostatic pressure 3450#, Flow Pressure at start 425#, at end of test 350#, 15 minutes build up pressure 2010#.
- 12-13-46 Total depth 5113' ran drill stem test with packer set at 5087' Perforations at 5090-5098, 5/8" Bottom Orifice, tool opened at 7:45PM, gas to top 1½ minutes, daily gas rate 1,350M, closed tool at 9:45PM recovered 3 gallons of Distallite, slight amber color, and ½ barrel mud oil and gas cut, in separator, Hydrostatic pressure 2200#, Flow pressure at start 700#, at end of test 1075#, 15 minutes build up pressure 1720#.
- 12-14-46 Total depth 5175' ran drill stem test with packer set at 5141', perforations 5144-5170, 5/8" bottom orifice, opened tool at 11:40PM, gas to top 1½ minutes, mud in 7 minutes, turned to separator in 17 minutes, tool closed at 3:40AM, recovered 2 barrels of distallite in separator, gas volume 2,268M, recovered 40' distallite in drill pipe, 5 gals gas cut mud, hydrostatic pressure 2300#, Flow pressure 1600#, did not get build up pressure.
- 1-1-47 Total depth 6400', Lime, ran drill stem test with packer set at 6342', perforations 6343-6344, 6379-6396, 5/8" Bottom Orifice, 1" Top orifice, tool opened at 7:28PM, gas to top 1 minute, mud in 6 minutes, 3 hrs 45 minutes made 13.75 barrels distallite gravity 60 @ 22 corrected 64.6, gas volume 4,297M closed tool at 11:28PM, recovered 45' distallite in drill pipe, hydrostatic pressure 3150#, Flow pressure at start 13.50, at end of test 1700#, 15 minutes build up pressure 2600#.
- 1-3-47 Total depth 6496', Lime, ran drill stem test with packer set at 6434', Perforations 6434-6435, 6465-6496, 5/8" Bottom Orifice, 1" Top Orifice, tool opened at 1:05AM gas to top 10 minutes, first 30 minutes estimated at 100M per day, gradually decreased to slight blow at end of test, closed tool at 5:30AM, pulled packer loose and well flowed 22 barrels oil into tanks, recovered 90' Oil Gravity 38 @ 26, corrected 40.7, 900' oil and gas cut mud, hydrostatic pressure 3250#, Flow pressure at start 450#, at end of test 2350#, 15 minutes build up pressure 2550#.
- 1-6-47 Total depth 6496', Lime, ran drill stem test with packer set at 6400', 5/8" bottom orifice, 1" Top orifice, opened tool at 9AM, gas to top 3 minutes, oil in 34 minutes, Gravity 39 @ 40, corrected 40.6, Gas Volume 445M, Gas-Oil-Ratio 3,766, in 4 hours made 22.06 barrels oil, closed tool at 1:34PM recovered 390' oil in drill pipe and 290' oil and gas cut mud, hydrostatic pressure 2975#, Flow Pressure, 800#, 15 minutes build up pressure 1900#.
- 1-6-47 Total depth 6496', Lime, ran drill stem test with packer set at 6433', Perforations 6434-6435, 6460-6491, tool opened at 8:08PM, gas to top 3 minutes, oil in 2 hrs 2 minutes, in 7 hours made 39.92 barrels oil 4/10% BS, gravity 35 @ 24, corrected 37.7, Gas volume 172M Gas-Oil-Ratio 1076, closed tool at 5:45AM, recovered 3210' oil and 10' Mud in drill pipe, hydrostatic pressure 2950#, Flow pressure 650#, 15 minutes build up pressure 1800#.

SLOPE TESTS

200'	2 degree
500'	Straight
700'	Straight
900'	Straight
1150'	Straight
1700'	1 degree
1950'	1½ degree
2050'	2 degree
2370'	2½ degree
2590'	1½ degree
2835'	1½ degree
3000'	2 degree
3235'	2 degree
3440'	2 degree
3800'	Straight
4180'	1 degree
4680'	Straight
4780'	Straight
5000'	1 degree

