

## DRILL STEM TESTS

6-9-47

5146' Total Depth. Ran Drill Stem Test with packer set at 5104', perforations 5104-05', 5140-42', 5/8" bottom choke, 1" top choke. Opened tool 9:32PM, fair blow of air immediately, gas to top in 18 minutes and gradually decreased to slight blow at end of test. Closed tool 1:32AM. Recovered 300' of oil and gas cut mud, 365' of water with trace of oil. Water tested 80,000 ppm Chlorides, no iron, strong sulphur. Hydro.Pres. 2600#, flow pres. 200# to 400#, 15 minute build up pressure 1200#.

6-10-47

5186' Total Depth. Ran Drill Stem Test with packer set at 5165', perforations 5167' to 5182', 5/8" bottom choke, 1" top choke. Opened tool at 4:50PM, blow of air immediately, gas to top in 2 hours 40 minutes. Very little gas with very slight blow at end of test. Closed tool at 8:50PM. Recovered 90' gas cut mud, 30' oil and gas cut mud with little water, strong sulphur and salt content. Hydro.press. 2450#, flow press. 0#, 15 minute build up press. 400#.

7-4-47

6468' Total Depth. Ran Drill Stem Test with packer set at 6425', perforations 6426-28', 6460-63', 5/8" bottom choke, 1" top choke. Opened tool 6:45AM, gas to top in 6 minutes, mud to top in 1 hour 3 minutes, oil to top in 1 hour 5 minutes. Turned into tanks for 4 hours. First hour: 11.04 bbls. 4/10%BS. Second hour: 12.42 bbls. 3/10%BS. Third hour: 12.42 bbls. 2/10%BS. Fourth hour: 12.42 bbls. 2/10%BS. Total of 48.30 bbls., gravity 42.1 corrected. Gas volume 189,000 cu.ft. per day. Gas-Oil-Ratio 646. Closed tool 11:50AM. Recovered 2600' of oil. Hydro.press. 3400#, flow press. 250-700-600#. Failed to get 15 minute build up pressure.

WELL TEST LOGS

6-2-47

5100' Total Depth. Two 1/2" test. The pressure was 2100' at 5100'.  
 Perforations 5100-5110', 5110-5120', 5120-5130', 5130-5140', 5140-5150', 5150-5160', 5160-5170', 5170-5180', 5180-5190', 5190-5200'.  
 Opened tool 5100'. Flow of air immediately, gas to top of  
 18 minutes and gradually increased to slight flow at end of test.  
 Closed tool 5100'. Recovered 100' of oil and gas and was 5100' at  
 18 minutes and gradually increased to slight flow at end of test.  
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7-10-47

5100' Total Depth. Two 1/2" test. The pressure was 2100' at 5100'.  
 Perforations 5100-5110', 5110-5120', 5120-5130', 5130-5140', 5140-5150', 5150-5160', 5160-5170', 5170-5180', 5180-5190', 5190-5200'.  
 Opened tool 5100'. Flow of air immediately, gas to top of  
 18 minutes and gradually increased to slight flow at end of test.  
 Closed tool 5100'. Recovered 100' of oil and gas and was 5100' at  
 18 minutes and gradually increased to slight flow at end of test.  
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 Closed tool 5100'. Recovered 100' of oil and gas and was 5100' at  
 18 minutes and gradually increased to slight flow at end of test.

7-11-47

5100' Total Depth. Two 1/2" test. The pressure was 2100' at 5100'.  
 Perforations 5100-5110', 5110-5120', 5120-5130', 5130-5140', 5140-5150', 5150-5160', 5160-5170', 5170-5180', 5180-5190', 5190-5200'.  
 Opened tool 5100'. Flow of air immediately, gas to top of  
 18 minutes and gradually increased to slight flow at end of test.  
 Closed tool 5100'. Recovered 100' of oil and gas and was 5100' at  
 18 minutes and gradually increased to slight flow at end of test.  
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