

TIGHT HOLE

SIDE TWO

Operator Name Energy Exploration, Inc. Lease Name Nickelson "H" Well #

Sec. 10 Twp. 11S Rge. 32 East West County Logan

RELEASED
MAY 0 8 1990

WELL LOG

FROM CONFIDENTIAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4261-4280 (Lns J) 30'-60'-60'-60', Rec. 60' GIP, 20' oil, 1572' water, IHP 2167, IFP 101-386, ISIP 1144, FFP 457-737, FSIP 1134, FHP 2127, temp. 117°.

DST #2 4283 -4310 (Lns K) 30'-60'-60'-60', Rec. 330' GIP, 5' oil, 20' OCM (30% O) IHP 2157, IFP 30-30, ISIP 81, FFP 50-50, FSIP 162, FHP 2127, temp. 117°.

DST #3 4691-4710 (Penn. Sd.) 30'-60'-60'-60', Rec. 10' MCO (70% O), 45' MCO (50% O), 45' MWO (80% O, 10% W) chl. 32,000, IHP 2466, IFP 30-40, ISIP 876, FFP NA-71, FSIP 647, FHP 2396, temp. 125°.

Formation	Top	Bottom
Anhydrite	2580 +487	2579 +488
Heebner	4019 -952	4020 -953
Toronto	4036 -969	4037 -970
Lansing	4058 -991	4057 -990
Stark	4285 -1218	4284 -1217
Hushpuckney	4317 -1250	4316 -1249
Marmaton	4376 -1309	4378 -1311
Pawnee	4476 -1409	4480 -1413
Myrick Station	4517 -1450	4523 -1456
Fort Scott	4539 -1472	4541 -1474
Cherokee Shale	4569 -1502	4570 -1503
Cherokee Jhn.	4612 -1545	4614 -1547
Mississippi	4705 -1638	4704 -1637
T.D.	4750	4751

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	20#	305	Common	190	2% gel, 3% cc

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
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TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
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METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled