

TIGHT HOLE

SIDE TWO

15-193-20394-0000

Operator Name Energy Exploration, Inc. Lease Name Nichols Well # 4

Sec. 36 Twp. 10S Rge. 32 East West County Thomas

WELL LOG

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 4128-4155 (Lans. E,F) 30-30-30-30, Rec. 5' M, IHP 2056, IFP 41-41, ISIP 52, FFP 41-41, FSIP 41-41 FHP 2056, Temp. 114°
 DST #2 4206-4285 (Lns H,I,J) 30-60-60-60, Rec. 30' GIP, 60' O & GCM (14% O, 80% M) IHP 2097, IFP 31-31, ISIP 956, FFP 41-41, FSIP 863, FHP 2097, Temp. 115°
 DST #3 4280-4385 (Lns K,L & Lena) 30-60-60-60, Rec. 210' GIP, 60' M (SO), 90' OGCM (10% O, 25% G, 65% M) 120' HOGCM (23% O, 47% G, 30% M), IHP 2150, IFP 41-72, ISIP 1236, FFP 104-145, FSIP 1215, FHP 2150, Temp. 115°
 DST #4 4458-4533 (Paw, My St) 30-60-30-30, Rec. 10' SOCM, IHP 2285, IFP 31-31, ISIP 208, FFP 31-31, FSIP 52, FHP 2285, Temp. 118°
 DST #5 4527-4622 (Ft. Scott, Jhn) 30-60-30-30, Rec. 5' Mud, IHP 2337, IFP 31-31, ISIP 759, FFP 31-31, FSIP 177, FHP 2337, Temp. 120°

Name	Top	Bottom
Formation		
Anhydrite	2578 +479	2576 +481
B/Anhydrite	2608 +449	2602 +455
Heebner	4020 -963	4024 -967
Lansing	4063 -1006	4066 -1009
Stark Shale	4283 -1226	4288 -1231
BKC	4345 -1288	4348 -1291
Marmaton	4373 -1316	4376 -1319
Pawnee	4471 -1414	4476 -1419
Myrick Station	4518 -1461	4522 -1465
Fort Scott	4537 -1480	4544 -1487
Cherokee Shale	4564 -1507	4572 -1515
Johnson Zone	4608 -1551	4616 -1559
RTD	4700	4701
LTD		

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 1/4"	8 5/8"	20#	303'	Common	285	2% gel, 3% C.C.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	N/A						
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
				N/A			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil Bbls	Gas MCF	Water	Gas-Oil Ratio	Gravity	
			N/A				

RELEASED

JUL 13 1988

METHOD OF COMPLETION
 N/A

FROM CONFIDENTIAL

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