

SIDE TWO

Operator Name National Development Co Lease Name Allen Well # 7 Rabbit

Sec. 25 Twp. 26 Rge. 12 East West County Pratt

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 4099 - 4148

Open 30", closed 45", open 60", closed 90"
 Gas to surface in final closed in - too small to measure.

RECOVERED: 40' slightly oil and gas cut mud (29% gas, 3% oil)
 60' heavy oil and gas cut mud (25% gas, 17% oil)
 60' very gassy and slightly mud cut oil (80% gas, 14% oil)

160' total fluid
 IFP 88-99# FFP 99-99#
 ISIP 969# FSIP 936#
 HYD 2066-2056# TEMP 118°

Name	Top	Bottom
Heebner	3457	-1588
Brown Lime	3641	-1772
Lansing	3664	-1795
Base Ks City	4005	-2135
Miss Chert	4101	-2132
Miss Lime	4148	-2279
Kinderhook Sh.	4266	-2397
Viola	4312	-2443

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	14-3/4"	10-3/4"	34#	243'	60/40poz	175	2% gel 3% cc
Surface	9-7/8"	8-5/8"	24#	857'	common	100	2% gel 3% cc
Production	7-7/8"	5 1/2"	14#	4340'	Surfill	125	

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		Depth
2	25		2000 gals. 7 1/2% mud acid		4102-4127
			Frac w/ 1850 bbls 2% KCL, 1 gal NE, 1 gal Cla Sta, 40# crosslink gel. Frac sand -		
			125sx of 100 mesh, 700 sx 20-40, 900 sx 12-20.		

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-7/8"	4250'		

Date of First Production	Producing Method				
3-27-89	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	80		80		41

METHOD OF COMPLETION

Production Interval

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

4102 - 4127

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