

SIDE TWO

Operator Name MARTIN OIL PROPERTIES Lease Name Riley Well # 12
 Sec. 32 Twp. 14 Rge. East West
 County JOHNSON

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">ATTACHED</p>	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <p style="text-align: center;">Name Top Bottom</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">ATTACHED</p>
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CASING RECORD <input 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
<u>SURFACE</u>	<u>6 1/4</u>	<u>6"</u>		<u>20'</u>	<u>PORTLAND</u>	<u>10</u>	<u>2%</u>
					<u>A</u>		<u>GEL</u>
<u>COMPLETION</u>	<u>5 1/8</u>	<u>2 7/8"</u>		<u>895'</u>		<u>110</u>	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
<u>2 SHOTS / FT</u>	<u>843' - 858'</u>			<u>150 GAL SPOT</u>			
				<u>15% H.C.L.</u>			
<u>TOTAL SHOTS (32)</u>				<u>900 BBL OIL FRAC</u>			
				<u>2.5 SACKS SAND</u>			
TUBING RECORD							
Size <u>2 7/8</u>		Set At <u>895'</u>		Packer At		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production		Producing Method <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 <u>30</u> Bbls.	Gas <u>0</u> Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio		Gravity <u>24°</u>

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Martin Oil Properties Lease Riley Well No. 12

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	841.3	13.3	38	35	73	392	35.
2	842.4	14.6	8	81	89	91	3.2
3	843.5	11.8	10	71	81	91	0.33
4	844.5	20.0	49	29	78	760	213.
5	845.5	18.8	72	24	96	1050	13.
6	846.5	18.5	64	19	83	919	34.
7	847.5	20.6	42	27	69	671	199.
8	848.6	17.9	50	36	86	694	31.
9	849.5	16.3	56	26	82	708	13.
10	850.5	19.7	60	27	87	917	121.
11	851.6	22.9	51	17	68	906	663.
12	852.5	19.5	34	31	65	514	75.
13	853.5	21.3	69	25	94	1140	131.
14	854.6	25.7	53	19	72	1057	1072.
15	855.4	23.8	49	19	68	905	467.
16	856.5	27.5	49	23	72	1045	1715.
17	857.5	29.4	51	25	76	1163	2114.

OILFIELD RESEARCH LABORATORIES
 CONSERVATION DIVISION
 WICHITA, KANSAS
 MAY 8 1957

LOGCompany Martin Oil Properties Lease Riley Well No. 12BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
841.0 - 841.4	Sandstone, brown.
841.4 - 842.6	Sandstone, light gray, shaly with scattered light brown sandstone streaks.
842.6 - 843.1	Sandstone, grayish brown.
843.1 - 843.6	Sandstone, light gray, very shaly with scattered light brown sandstone streaks.
843.6 - 852.9	Sandstone, dark brown with widely scattered shale partings and inclusions.
852.9 - 853.4	Sandstone and shale, brown and gray, alternate layers.
853.4 - 858.3	Sandstone, dark brown with very widely scattered shale partings and inclusions.

MAY 8 1961

CONSERVATION DIVISION
Wichita, Kansas