

C

Form ACO-1 (5-86)

Operator Name Martin Oil Properties Lease Name Gillespie Well # 5Sec. 19 Twp. 14 Rge. 22 ☒ East ☐ West County Johnson

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

Name Top Bottom

Attached

Attached

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
Completion	5 1/8	2 7/8		942.0'	Portland	105	2% Gel
Surface	6 5/8	6 1/4		40.0'	Portland		2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3	874.0' to 881.0'			50 Gal. Acid Spot 80 bbl. Oil Frac 20 Sacks Sand			
TUBING RECORD							
Size	Set At	Packer at	Liner Run ☐ Yes ☐ No				
2 7/8	942.0'						
Date of First Production	Producing Method						
8/26/88	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	20 Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☒ Vented
☐ Sold
☐ Used on Lease

☐ Other (Specify)

☐ Dually Completed
☐ Commingled

19-14-22E

LOG

Company Martin Oil Properties & Lease Gillespie Well No. 5
Robert S. Harwell/Joint Venture

BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
883.0 - 886.0	Sandstone, dark brown.
886.0 - 886.8	Sandstone, dark brown with widely scattered shale partings.
886.8 - 890.1	Sandstone, dark brown with scattered shale partings.
890.1 - 890.5	Sandstone, brown, slightly shaly with scattered shale partings.
890.5 - 890.7	Shale, gray.
890.7 - 890.9	Sandstone, brown, slightly shaly with scattered shale partings.

OILFIELD RESEARCH LABORATORIES
CORE ANALYSIS

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Martin Oil Properties & _____ Lease Gillespie Well No. 5
Robert S. Harwell/Joint Venture

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	883.5	24.2	40	12	62	751	1,063.
2	884.5	25.7	58	8	66	1156	*
3	885.5	25.3	57	7	64	1119	955.
4	886.5	23.7	53	11	64	975	299.
5	887.4	20.4	51	33	84	807	74.
6	888.5	18.7	42	28	70	609	77.
7	889.5	17.4	49	25	74	661	44.
8	890.3	17.0	39	33	72	514	7.1
Note: *Permeability sample unobtainable.							