

Operator Name ..Martin Oil Properties..... Lease Name..East Morris.....Well #.....W/2..

Sec. 20..... 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)

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	6 1/2"	6"		40	100%	8	2% Gel
Completion	5 1/2"	2 7/8"		936	Portland	143	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
3	892 to 898 (19 Total Shots)			50 Gal. Acid			
TUBING RECORD		Size	Set At	Packer at	Liner Run	☐ Yes ☒ No	
		2 7/8"	951'				
Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☒ Other (explain) H ₂ O Inj.						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	0 Bbls	0 MCF	0 Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

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

☐ Other (Specify)

☐ Dually Completed ☐ Completed

HAWKEYE DRILLING

R.R. 2 Box 73A
Wellsville, Kansas 66092
913-883-2013

20-14-22E

Lease

East Morris

Well #

W-2 2-2-88

Drill Log

Elevation

15-091-21,943

1 2 3 4 5 6 7 8 9 10

Thickness	Formation	Total Depth	Remarks	Thickness	Formation	Total Depth	Remarks
34	CLAY	34		56	Shale	700	
4	SAND	38		2	Lime	702	
2	Lime	40		11	Shale	713	
25	Shale	65		1	Lime	714	
5	Lime	70		17	Shale	731	
18	Shale	88		1	Lime	732	
16	Lime	104		3	Shale	735	
2	Shale	106		1	Lime	736	
8	Black Slate	114		17	Shale	753	
9	Lime	123		1	Lime	754	
7	Shale	130		5	SAND	759	White
15	Lime	145		60	Shale	795	
19	Shale	164		13	SAND	780	No Bleeding
10	Lime	174		32	Shale	846	
2	Shale	176		2	Lime	848	
6	Lime	182		50	Shale	898	
16	Shale	198		16	SAND	914	
2	Lime	200		66	Shale	980	TD
2	Shale	202					
28	Lime	230					
2	Shale	232					
9	Lime	241					
14	Shale	255					
2	Lime	257					
19	Shale	276					
7	Lime	283					
16	Shale	299					
9	Lime	308					
6	Shale	314					
5	Lime	319					
4	Shale	323					
6	Lime	329					
25	Shale	354					
2	Lime	356					
10	Shale	366					
27	Lime	393					
6	Shale	399					
24	Lime	423					
4	Shale	427					
7	Lime	434					
164	Shale	598					
8	Lime	606					
14	Shale	620					
4	Lime	624					
10	Shale	634					
5	Lime	639					
3	Shale	642					
3	Lime	645					

964.30 ft