



Operator Name Martin Oil Properties

Lease Name W. Morris Well # 4-W

East

County Johnson

Sec. 20 Twp. 14 Rge. 22

West

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  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

Attached

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
Surface	6 1/4"	6"		20	Portland	10	2 gel
Completion	5 1/8"	2 7/8"		961'	Portland A	175	1 gal polymer

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	912' to 918'	50 gal acid spot ;
		15% on perforations

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Waiting on KCC approval Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Grav.

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

# HAWKEYE DRILLING

4118 Reno Road  
 R.R. 2 Box 73A  
 Wellsville, Kansas 66092  
 913-883-2013

Lease West Morris  
 Well # U-4  
 Date 6/22/93  
 API 15-091-22,567

1 2 3 4 5 6 7 8 9 10 11 12  
 [Handwritten marks above numbers 1-12]  
 Drill Log

Thickness	Formation	Total Depth	Remarks	Thickness	Formation	Total Depth	Remarks
18	clay	18		9	Sand	804	
5	Lime	23		47	Shale	851	
7	shale	30		3	Lime	854	
4	Lime	34		59	shale	912	
17	shale	51		2	Lime	914	
5	Lime	56		12	Sand	926	
36	shale	92		54	shale	980 T.D	
12	Lime	104					
33	shale	137					
8	Lime	145					
6	shale	151					
19	Lime	170					
26	shale	196					
8	Lime	204					
12	shale	216					
26	Lime	242					
7	shale	249					
17	Lime	266					
22	shale	288					
10	Lime	298					
30	shale	328					
14	Lime	342					
24	shale	366					
27	Lime	393					
3	shale	396					
19	Lime	415					
4	shale	419					
15	Lime	434					
5	shale	439					
9	Lime	448					
179	shale	627					
5	Lime	632					
7	shale	639					
6	Lime	645					
6	shale	651					
4	Lime	655					
52	shale	707					
4	Lime	711					
17	shale	728					
5	Lime	733					
23	shale	756					
4	Lime	760					
35	shale	795					
1	Lime	796					

RECEIVED  
 STATE CORPORATION COMMISSION  
 OCT 22 1993  
 CONSERVATION DIVISION  
 WICHITA, Kansas