

5c

APJ NO. 15-091-21833

County.....Johnson.....

NE NW ^{SW} SE Sec 20 Twp 14S Rge. 22 East
..... West

2475... Ft North from Southeast Corner of Section
3985... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name.....E. Morris.....Well #.....1.....

Field Name.....

Producing Formation.....Bartlesville Sandstone.

Elevation: Ground.....KB.....

Section Plat

[illegible]

WATER SUPPLY INFORMATION

Disposition of Produced Water:	Disposal
Docket #	Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner

Sec	Two	Rd -	East	West
-----	-----	------	------	------

Other (explain).....
(purchased from city. R.W.D. #)

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

East

20-14-226

Operator Name Martin Oil Properties Lease Name E. Morris Well # 1Sec. 20 Twp. 14S 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

Bartlesville
 Attached

Attached

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	20 Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify)
☒ Used on Lease

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 5/8"	6"		60'		20	
Production...	5 1/8"	2 7/8"		966.3'		35	
.....							

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	908' - 915'	Oil Frac	
.....			
.....	Total Shots - 13		

TUBING RECORD Size 2 7/8" Set At 966.3' Packer at

Liner Run ☐ Yes ☒ No

Date of First Production Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Martin Oil Properties Lease East Morris Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	912.4	24.7	56	15	71	1073	200.
2	913.5	24.2	54	12	66	1014	169.
3	914.6	21.6	51	13	64	855	137.
4	915.5	23.8	50	23	73	923	27.
5	916.5	12.9	49	46	95	490	2.4
6	917.4	15.7	43	50	93	524	12.
908 - 914.6 915.0'							
908 - 915. - 2 SHOTS / FT.							

RECEIVED
STATE CORPORATION COMMISSION

DEC 11 1967

CONSERVATION DIVISION
Wichita, Kansas

20-14-22E

LOGCompany Martin Oil Properties Lease East Morris Well No. 1BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
912.0 - 915.1	Sandstone, dark brown.
915.1 - 916.0	Sandstone, dark brown with scattered shale partings.
916.0 - 917.0	Sandstone, dark grayish brown, shaly with scattered shale partings.
917.0 - 917.8	Sandstone, brown with scattered shale partings.
917.8 - 919.2	Shale, gray with scattered brown sandstone partings.
919.2 - 920.2	Shale and sandstone, gray and brown, laminated.

40 to 70 7/8.0

HAWKEYE DRILLING

20-14 22E

H.R.B.C. SJ-7315-T

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

<966.30> PIPE

Lease EQST MORRIS
Well# 21 7-17-87
Elevation 15-091-21833

1 2 3 4 5 6 7 8 9 10
HH HH HH HH HH HH HH HH HH HH
Drill Log

Thickness	Formation	Total Depth	Remarks	Thickness	Formation	Total Depth	Remarks
57	CLAY	57		23	SHALE	682	
4	Lime	61		2	Lime	684	
12	Shale	73		56	Shale	740	
5	Lime	78		3	Lime	743	
8	Shale	86		11	Shale	754	
3	Lime	89		1	Lime	755	
5	Shale	94		17	Shale	772	
16	Lime	110		1	Lime	773	
10	Shale	120		3	Shale	776	
33	Lime	153		1	Lime	777	
20	Shale	173		4	SAND	781	Bleed A L. 112
10	Lime	183		4	Shale	785	
2	Shale	185		1	Lime	786	
6	Lime	191		5	SAND	791	Bleeding
16	Shale	207		58	Shale	849	
2	Lime	209		2	Lime	851	
2	Shale	211		56	Shale	907	
28	Lime	239		1	Lime	908	
2	Shale	241		3	Shale	911	
9	Lime	250		2	Lime	913	
14	Shale	264			SAND		
2	Lime	266		22	"	915	
19	Shale	285		124	"	916	
7	Lime	292		123	"	917	
16	Shale	308		1,15	"	918	
9	Lime	317		1,06	"	919	
6	Shale	323		1,01	"	920	
5	Lime	328		1,15	Fracture	921	
4	Shale	332		1,45	Shale	922	
1	Lime	333		2,46	Shale	923	
25	Shale	358		3,46	Shale	924	
2	Lime	360		3,49	Shale	925	
70	Shale	430		4,01	Shale	926	
27	Lime	457		6,01	Shale	932	
6	Shale	463		55	Shale	987	UTD
24	Lime	487					
4	Shale	491					
7	Lime	498					
4	Shale	502					
5	Lime	507					
142	Shale	649					
4	Lime	653					
17	Shale	670					
5	Lime	675					
15	Shale	690					
4	Lime	694					
10	Shale	704					