

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 4842
 Name Martin Petroleum, Inc.
 Address PO Box 47610
 City/State/Zip Wichita, KS 67201

Purchaser Permian
 Tulsa, Oklahoma

Operator Contact Person Roger L. Martin
 Phone 316-682-0038

Contractor: License # 5104
 Name Blue Goose Drilling Co., Inc.

Wellsite Geologist Roger L. Martin
 Phone 316-682-0038

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

11-17-86 11-28-86 11-28-86
 Spud Date Date Reached TD Completion Date
 4405' 4500'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 300' feet
 Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
 If yes, show depth set.....feet
 if alternate 2 completion, cement circulated
 from.....feet depth to 300' w/ 190 SX cmt

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	162 bbls Bbls	-0- MCF	-0- Bbls	CFPB	34.2

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold

☐ Open Hole ☒ Perforation
 Other (Specify)

4301' - 4310'

API NO. 15-063,21,074

County Gove

SW SW NE Sec. 24 Twp. 14s Rge. 30 ☐ East
☒ West

2970' Ft North from Southeast Corner of Section
 2310' Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

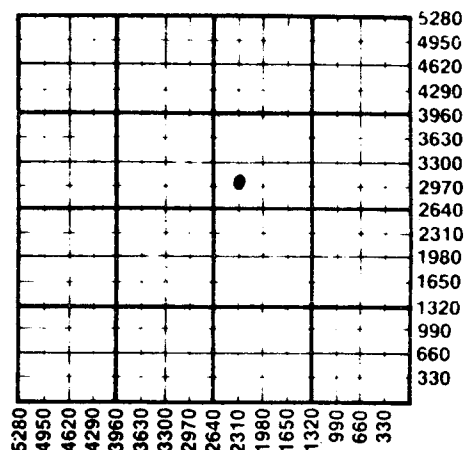
Lease Name REMINGTON Well # 1-24

Field Name

Producing Formation Johnson Zone

Elevation: Ground 2661' KB 2668'

Section Plat



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

Source of Water:

Division of Water Resources Permit # 387573

☒ Groundwater 330' Ft North from Southeast Corner
 (Well) 330' Ft West from Southeast Corner of
 Sec 30 Twp 12s Rge 29 ☐ East ☒ West

☐ Surface Water.....Ft North from Southeast Corner
 (Stream, pond etc).....Ft West from Southeast Corner
 Sec Twp Rge ☐ East ☐ West

☐ Other (explain).....

(Purchased from city R.W.D. #)

SIDE TWO

Operator Name Martin Petroleum, Inc. Lease Name Remington Well # 1-24
 Sec. 24 Twp. 14s Rge. 30 ☐ East ☒ West County Gove

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

D.S.T.#1 3748'-3775' Lansing "B". Times: 30-42-60-60
 1st Flow: Wk blw, incrs slwly: 1/2" to 2". 2nd Flow: Wk blw, incrs slwly: 1 1/2 to 1 1/2". Recovery: 305' Gas in pipe. 5' sl mud cut gssy oil. (8% g, 86% o, 6% m) 62' Mud cut gssy oil (5% g, 75% o, 20% m) 62' Hvy oil cut & sl gs cut mud (9% g, 40% o, 51% m)
 ISIP: 935 FSIP: 891 IFP: 26-26 FFP: 61074 IHP: 1806 FHP: 1795
 BHT: 108 All fluid recovery in drill collars.
 D.S.T.#2 3772'-3834' Lansing "C,E,F" Times: 30-45-60-66.
 1st Flow: Fr blw building to strng blw in 4min. 2nd Flow: Fr blw, building to strng blw in 9 min. Recovery: 60' Gas in pipe.
 5' clean oil. 50' oil & gas cut mdy wtr (10% g, 5% o, 45% w, 40% m)
 806' Oil & Gas cut sl mdy wtr (7% g, 8% o, 80% w, 5% m)
 ISIP: 977 FSIP: 984 IFP: 90-370 FFP: 451-694 IHP: 1869 FHP: 1854
 BHT: 116
 D.S.T. #3 3809'-3934' Lansing "E,F" Times 30-42-30-27
 1st Flow; Weak blow, incrs vry sl: 1/8" to 1/2" 2nd Flow: Vry weak blw. fished tool, vry wk blw. Recovery: 15' sl oil cut mud (3% o, 5% w, 92% m)
 ISIP: 1024 FSIP: 975 IFP: 28-28 FFP: 28-50 IHP: 1878 FHP: 1864
 BHT: 113

Name	Top	Bottom
Anhydrite	2089'	+ 579
B/Anhydrite	2120'	+ 548
Topeka	3460'	- 792
Heebner	3687'	-1019
Toronto	3710'	-1042
Lansing	3727'	-1059
Munc. Crk. SH	3884'	-1216
Stark Shale	3975'	-1307
Hushpuckney SH	4009'	-1341
B/Kansas City	4046'	-1378
Marmaton	4070'	-1402
Pawnee	4168'	-1500
Lwr Pawnee	4206'	-1538
Ft. Scott	4227'	-1556
Cherokee	4253'	-1585
Johnson	4299'	-1631
Conglomerate	4314'	-1646
Miss/StLouis	4332'	-1664
Spergen/Dolo	4384'	-1716
LTD	4410'	-1742

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 casing		8 5/8"	20#	300'	60/40 Poz	190	3% CaC 2% gel
production casing		5 1/2"	14#	4403'	ASC/ATL	175/300	
					Allied Special common cement	-175	
					Allied light cement	- 300 scks	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1	4386' and 4389'	250 gal MCA..107 bbls KCL water	
1	4303' and 4308'	4 bbls KCL water	
1	4301' to 4310'	750 gal MCA..105 bbls swab oil	

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2 7/8"	4356.91'			
Date of First Production	Producing Method				
January 1, 1987	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....				

First Flow:	Weak blow increasing very slowly: 1/8" to 1/2"	
Second Flow:	Very weak blow. Flushed tool. Very weak blow	
Recovery:	15' Slightly oil cut mud (3% o, 5% w, 92% m)	
ISIP: 1024	IFP: 28-28	IHP: 1878
FSIP: 975	FFP: 28-50	FHP: 1864
BHT: 113 degrees F		

24-14-30W

D.S.T. #4 3880' - 3947' Lansing "G-prime, H & I" Zones

Times:	30-30-30-27	
First Flow:	Weak blow throughout	
Second Flow:	Weak blow. Flushed Tool, Weak blow.	
Recovery:	40' Oil specked mud	
ISIP: 802	IFP: 38-38	IHP: 1939
FSIP: 648	FHP: 54-57	FHP: 1921
BHT: 114 degrees F		

D.S.T. #5 3970' - 4005' Kansas City "K" Zone

Times:	30-27-30-27	
First Flow:	Weak blow throughout.	
Second Flow:	Weak blow. Flushed tool, weak blow.	
Recovery:	20' Oil & gas cut mud. (10% g, 18% o, 2% w, 70% m)	
	40' Slightly oil & gas cut, slightly watery mud. (5% g, 3% o, 4% w, 88% m)	
	62' Very slightly oil & gas cut water cut mud. (5% g, 1% o, 34% w, 60% m)	
ISIP: 606	IFP: 42-42	IHP: 1979
FSIP: 523	FFP: 64-72	FHP: 1967
BHT: 114 degrees F		

D.S.T. #6 4047' - 4119' Marmaton "A" - Altamont

Times:	30-30-60-60	
First Flow:	Weak blow. 1" in water	
Second Flow:	Weak blow. 1 1/2" in water	
Recovery:	1' free oil 64' Oil cut mud (10% oil)	
ISIP: 758	IFP: 68-68	IHP: 2165
FSIP: 847	FFP: 80-86	FHP: 2131
BHT: 112 degrees F		

D.S.T. #7 4100' - 4185' Marmaton "C" - Upper Pawnee

Times:	30-30-30-30	
First Flow:	Weak blow. Died in 20 minutes	
Second Flow:	No blow, flushed tool, no help.	
Recovery:	30' Oil spotted mud. Less than 1% oil.	
ISIP: 182	IFP: 79-79	IHP: 2228
FSIP: 122	FFP: 90-95	FHP: 2185
BHT: 113 degrees F		

D.S.T. #8 4185' - 4335' Lwr Pawnee, Ft. Scott, Cherokee

Times:	30-45-60-60	
First Flow:	Strong blow throughout.	
Second Flow:	Strong blow throughout.	
Recovery:	150' Gas in pipe 2629' Mud cut oil to clean oil	
ISIP: 1127	IFP: 601-835	IHP: 2293
FSIP: 1104	FFP: 940-1059	FHP: 2271
BHT: .		