

API NO. 15-.....

County.....Rush.....

..SE..SW..SE.. Sec. 8... Twp. 18... Rge. 18W ^{East} _{West}

....330... Ft North from Southeast Corner of Section
1650.. Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

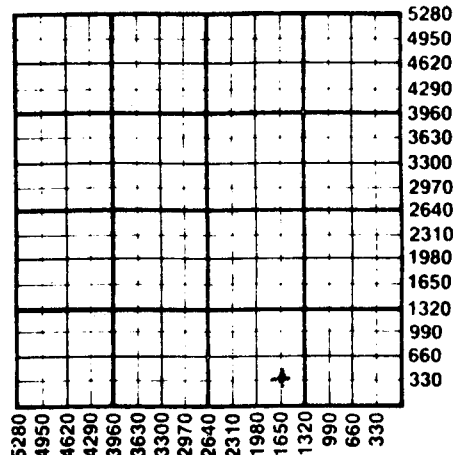
Lease Name.....Morse.....Well #.....1....

Field Name.....Unnamed

Producing Formation.....N/A.....

Elevation: Ground.....2090.....KB...2095.....

Section Plot



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: Larry Collins, Nekoma, KS
Division of Water Resources Permit #...37380.....67559

_____ 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. #)

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Title Agent..... Date June 21, 19

Notary Public.....*Ann Sherman*.....

Date Commission Expires 2-10-90.....

F Letter of Confidentiality Attached

9C ~~Wireline Log Received~~

C ☒ Drillers Timelog Received

Distribution

☒ KCC	☐ SWD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other
		(Specify)

Form ACO-1 (5-86)

D'ANN DRENNAN
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. _____

SIDE TWO

Operator Name Frontier Oil Company Lease Name Morse Well # 1

Sec 8 Twp 18 Rge 18W ☐ East
☒ West County Rush

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. Yes

Drill Stem Tests Taken ☒ Yes ☐ No
Samples Sent to Geological Survey ☐ Yes ☒ No
Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

DST#1 (3838-3860) 60-30-60-30 Rec. 126' GIP,
34' Clean O, 126' HMCO, 252' VHOCM, 126' OCM IF
82-184 FF 185-206 ISIP 695 FSIP 594

DST #2 (3890-94) 60-30-30-30 Rec. MW IF 38-47
FF 50-57 ISIP 815 FSIP 728

Name	Top	Bottom
Anhydrite	1248	+ 847
Topeka	3183	-1088
Heebner	3437	-1342
Toronto	3454	-1359
Lansing-Kansas City	3487	-1392
Base of Kansas City	3755	-1660
Conglomerate	3847	-1752
Arbuckle	3889	-1794
RTD	3894	-1799

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	12 1/2"	8.5/8"	23# new	600	Com	280	.2% gel .3% CC
Production	7-7/8"	4 1/2"	10 1/2# (new & used)	3950	Com	75.5x	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A							
TUBING RECORD				Liner Run ☐ Yes ☐ No			
N/A							
Date of First Production	Producing Method						
N/A	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled