SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5208
Name Mobil Oil Corporation
Address P. O. Box 5444
City/State/Zip Denver, CO 80217-5444

Purchaser Northern Natural Gas Company

Operator Contact Person J. L. Douglass
Phone 303/298-2047

Contractor: License # 9137
Name Urit Drlg. & Expl. Company

Wellsite Geologist C. D. Zimbrick
Phone 303/298-2483

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[X] 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

API NO. 15-189-20,746

County Stevens

C SE Sec. 19 Twp. 33S Rge. 37 [ ] East [X] West

1494.8 Ft North from Southeast Corner of Section
1378.1 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

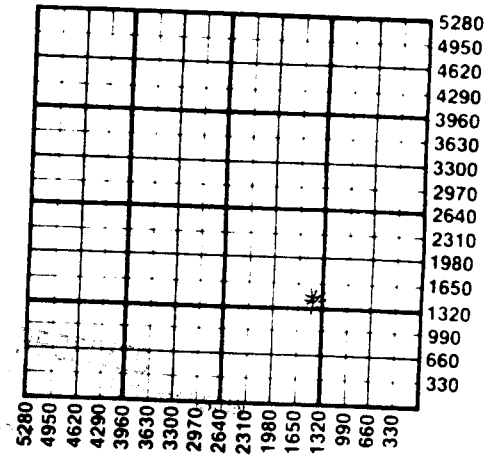
Lease Name Coulter #3 Ut Well # 5

Field Name Gentzler

Producing Formation Morrow Sand

Elevation: Ground 3144' KB 3160'

Section Plat



WELL HISTORY

Drilling Method:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

8/5/84 Spud Date
9/19/84 Date Reached TD
9/26/84 Completion Date

6270' Total Depth
6205' PBTD

Amount of Surface Pipe Set and Cemented at 1737 feet
Multiple Stage Cementing Collar Used? [ ] Yes [X] No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

WATER SUPPLY INFORMATION

Disposition of Produced Water: [X] Disposal [ ] Repressuring
Docket # CD-117,710 (C-19,203)

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

Source of Water:
Division of Water Resources Permit # T84-479
100 ft. SW of water well

[X] 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 Twp Rge [ ] East [ ] West

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

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [X] Sold [ ] Used on Lease

[ ] Open Hole [X] Perforation
[ ] Other (Specify)

Production Interval
6094-6128

[ ] Dually Completed
[ ] Commingled

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Coulter #3 Ut. Well # 5

Sec. 19 Twp. 33S Rge. 37 ☐ East ☒ West County Stevens

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

Frac Record as Follows
Pmpd. 13,000 gel diesel oil pad,
3600 gals. gel w/1800# 20/40 sd. at 1/2 ppg.,
3600 gals. gel w/3600# 20/40 sd at 1#/gal.,
7200 gals. gel w/14,400 #20/40 sd at 3#/gal.
7200 gals. gel w/14,400 #20/40 sd at 3#/gal.
6200 gals. gel w/18,600# 10/20 sd at 3#/gal.

Formation Description ☒ Log ☐ Sample

Name	Top	Bottom
Winfield	2673	
Council Grove	2890	
Wabaunsee	3310	
Heebner	4131	
Lansing	4266	
Marmaton	4973	
Cherokee	5187	
Morrow	5712	
L. Morrow	6028	
Mississippi	6160	
T.D.	6267	

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 1/4"	9 5/8"	36#	1737'	Class H	925	12% gel 3% $CaCl_2$
Production	8 3/4"	5 1/2"	15.5#	6265'	Class H 50/50 poz	335 190	10% salt, ¼#/sk de-air 12% gel 3% $CaCl_2$

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	6124-6128	See acid/frac record detailed above	
	6094-6111		

TUBING RECORD	Size	Set At	Packer at	Liner Run
	2 7/8"	6150'		☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)