

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. J. Douglas
Phone 303/298-2047

Contractor: License # 9137
Name Urte Drilg. & Expl. Company

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

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
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 No
If yes, show depth set _____ feet
If alternate 2 completion, cement circulated from _____ feet depth to _____ w/ _____ SX cmt

API NO. 15-189-20-746-00-00

County Stevens

Sec. 19. Twp. 33S Rge. 37E

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)

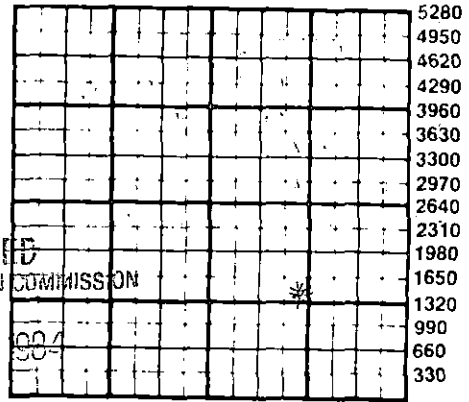
Lease Name Coulter #3 Ut. Well #5

Field Name Gentzler

Producing Formation Morrow Sand

Elevation: Ground 3144' KB 3160'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
NOV 06 11-6-84
CONSERVATION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # C-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

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. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. 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.

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.

Signature J. E. Dawson
Title Accounting Supervisor Date 11/2/84



Subscribed to before me this 2nd day of November 1984
Notary Public Joy L Hampton
Date Commission Expires November 30, 1986

My Commission expires November 30, 1986
1225 17th Street
Denver, Colorado 80202

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 19, Twp 33S Rge 37E

SIDE TWO

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

Sec. 19 Twp. 336 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

Formation Description
 Log Sample

Frac Record as Follows

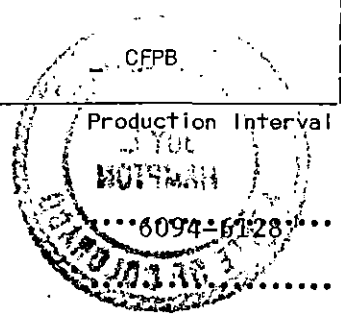
Pmpd. 13,000 gal diesel oil pad,
 3600 gals. gel w/1800# 20/40 sd. at 1/2 ppg.,
 3600 gals. gel w/3600# 20/40 sd at 1#/gal.,
 7200 gals. gel w/14,400 #20/40 sd at 3#/gal.
 7200 gals. gel w/14,400 #20/40 sd at 3#/gal.
 6200 gals. gel w/18,600# 10/20 sd at 3#/gal.

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 <input checked="" 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	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, 1/2% sk/de-air 12% gel 3% CaCl ₂
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	6124-6128 6094-6111			See acid/frac record detailed above			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size 2 7/8"		Set At 6150'		Packer at	
Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....							
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
-		Bbls	MCF	Bbls.			

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled



6094-6128