

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

Purchaser Northern Natural

Operator Contact Person J. E. Dawson
Phone (303) 298-2696

Contractor: License # 9137
Name Unit Drilling & Exploration

Wellsite Geologist G. Zimbrick
Phone (303) 298-3669

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

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
5/21/86 5/29/86 6/23/85
Spud Date Date Reached TD Completion Date
6251 6197
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1800 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3152-54 feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt

API NO. 15-189-20895-000P
County Stevens
NW SE SW Sec. 28 Twp. 32S Rge. 37 West

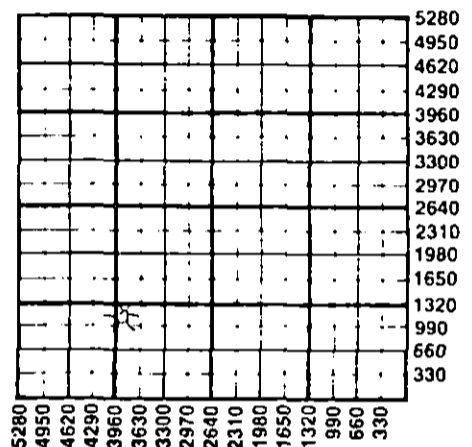
1178.6 Ft North from Southeast Corner of Section
3818.6 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Hulpieu #1 Unit Well # 3
Field Name North Gentzler

Producing Formation L. Morrow

Elevation: Ground 3144 KB 3160

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-117710 Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water: Stebleton Ut #3 wtr. well
Division of Water Resources Permit # Pending

Groundwater 4135 Ft North from Southeast Corner
2624 Ft West from Southeast Corner of
Sec 33 Twp 32S Rge 32 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 Producing Accounting Supervisor Date 9.16.86

Subscribed and sworn to before me this 16th day of September 1986
Notary Public Deborah Lavette

Date Commission Expires NY COMMISSION EXPIRES 7/2/90

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)

9-22-86
SEP 22 1986

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Hulpieu #1 Unit Well # 3

Sec. 28 Twp. 32S 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 Data Report:

500 gals Versol pre-pad
 504 gals 2% KCl wtr pre-pad
 39,500 gals 65 Q Foam pad
 10,000 gals 65 Q Foam w/1 ppg 20/40
 22,625 gals 61 Q Foam w/2 ppg 20/40
 1,470 gals 61 Q Foam Flush

Name	Top	Bottom
Chase	2586	
Council Grove	2880	
Admire	3128	
Wabaunsee	3304	
Shawnee	3584	
Heebner	4112	
Toronto	4142	
Lansing	4192	
Kansas City	4567	
Marmaton	4920	
Cherokee	5112	
Morrow	5623	
Chester	6054	
St. Genevieve	6176	

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"	8 5/8"	24#	1800	"A"	580	2% CaCl2
Production	7 7/8"	5 1/2"	15.5#	6251	"H"	100	2% CaCl2
					* 65/35POZ	220	2% total gel
							2% CaCl2
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	5980-6024						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer at				
	2 7/8"	5878	5900				
Date of First Production		Producing Method					
N/A		<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	5000 MCF	----- Bbls	----- CFPB		

METHOD OF COMPLETION

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

Production Interval
 5980-6024

*180 sxs 50/50 POZ + 2% gel