

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  
Denver, CO 80217

Purchaser Northern Natural Gas Co.

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

Contractor: License # 6666  
Name NRG Drilling, Inc.

Wellsite Geologist  
Phone

Designate Type of Completion  
XX New Well Re-Entry Workover  
Oil SWD Temp Abd  
XX 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:  
XX Mud Rotary Air Rotary Cable  
1/31/87 2/4/87 3/4/87  
Spud Date Date Reached TD Completion Date  
2970 2936  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 786 feet  
Multiple Stage Cementing Collar Used? Yes XX No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

API NO. 15-189-20980-00-00  
County Stevens  
SW NE NE Sec 29 Twp 34S Rge 36 East  
4013 Ft North from Southeast Corner of Section  
1250 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

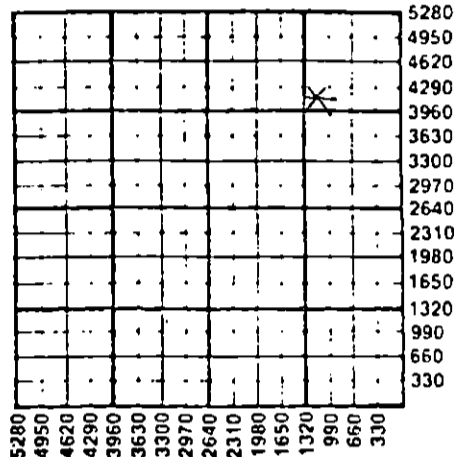
Lease Name Parker Estate #4 Unit Well # 6

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2083 KB 3094

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # N/A Repressuring

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

Source of Water:  
Division of Water Resources Permit #

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

XX Other (explain) City of Hugoton  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 this 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 3-18-87

Subscribed and sworn to before me this 18th day of March 1987  
Notary Public

Date Commission Expires MY 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)

Sec 34, Twp 34, Rge 36

Operator Name Mobil Oil Corporation Lease Name Parker Estate #4 Unit Well # 6

Sec. 29 Twp. 34S Rge. 36  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

Acid  
 6,000 gal 15% MR-1 acid + Fe. Seq + 160 B.S.  
 Frac.  
 15,000 gal 75 Q Foam 20 ball sealers  
 15,000 gal 75 Q Foam 20 ball sealers  
 15,000 gal 75 Q Foam 20 ball sealers  
 15,000 gal 75 Q Foam 20 ball sealers  
 28,000 gal N2 Flush

Name	Top	Bottom
Glorietta	1216	
T/Stone Corral	1712	
T/Chase (Herington)	2665	
T/Lower Krider	2722	
T/Winfield	2776	
T/Gage	2815	
T/Towanda	2832	
T/Ft. Riley	2895	
T.D.	2970	

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	24	786	Class H	300	3% CaCl
					Class H	100	3% CaCl
Production	7 7/8	5 1/2	14	2970	Class H	425	5% CF-14
					Class H	150	2% gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	2666-2672	See Above	
1	2698-2704		
1	2724-2768		
1	2778-2880		
1	2832-2880		

TUBING RECORD Size *NA* Set At Packer at Liner Run  Yes  No

Date of First Production *3-10-87* Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	0	370	0		

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 2666-2880  
 Used on Lease  Dually Completed .....  
 Commingled