

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  
Denver, CO 80217

Purchaser Northern Natural Gas Co.

Operator Contact Person J. E. Dawson  
Phone (303) 298-2695

Contractor: License # 9137  
Name Unit Drilling & Expl.

Wellsite Geologist  
Phone

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

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

WELL HISTORY

Drilling Method:  
XX Mud Rotary Air Rotary Cable

4/10/87 4/17/87 5/14/87  
Spud Date Date Reached TD Completion Date

6450 6407  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1825 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. 15-189-20996-0000

County Stevens

C SW SW 28 32S Rge 35 East  
Sec Twp Rge XX West

660 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

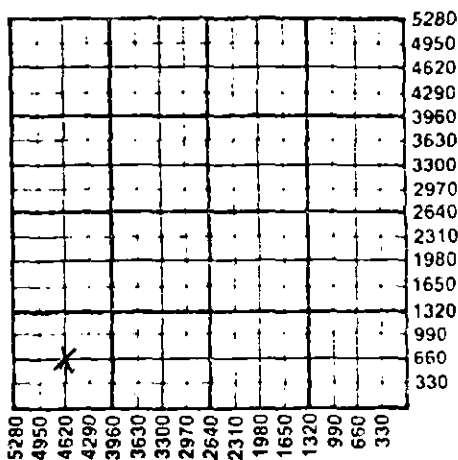
Lease Name Brubaker #1 Unit Well # 2

Field Name Unnamed

Producing Formation Morrow

Elevation: Ground 3022 KB 3038

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 # T&T-134

XX Groundwater 3518 Ft North from Southeast Corner  
(Well) 1020 Ft West from Southeast Corner of  
Sec 33 Twp 32S Rge 35 East XX 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 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 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 K.D. Farber J. E. Dawson

Title Producing Accounting Supervisor Date 6/8/87

Subscribed and sworn to before me this 8th day of June 1987

Notary Public Deborah Cavette

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 Time Log Received  
STATE CORPORATION COMMISSION  
KCC SWD/Rep NGPA  
KGS JUN 4 1987 Other  
6-11-87 (Specify)  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 28 Twp. 32 Rge. 35 S. 4

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Brubaker #1 Unit Well # 2

Sec. 28 Twp. 32S Rge. 35  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

Name	Top	Bottom
Chase	2680	
Council Grove	3020	
Admire	3278	
Wabaunsee	3408	
Heebner	4245	
Lansing	4360	
Kansas City	4692	
Marmaton	5048	
Cherokee	5282	
Morrow	5748	
L. Morrow	5956	
Chester	6032	
St. Genevieve	6244	

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 1/2	8 5/8	24	1825	C	684	65/35/6 ± 2% CaCl
Production	7 7/8	5 1/2	14	6450	H	210	2% CaCl
					H	250	50/50 POZ ± 2% Gel + 2% CaCl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
4	5959-5963			1500 gals 7 1/2% HCL		5959-	
4	5968-5979			17,500 gal. 650 2% Rcl			
4	5996-6001			26,300 gal. 650 2% KCl/CO2			
4	6026-6032			1500 gal. KCl Flush			
				69,000# 20/40 sand		6032	
TUBING RECORD		Size N/A	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production		Producing Method					
T/A 5/14/87		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Hold for Chase Recompletion							
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  Open Hole  Perforation  
 Sold  Other (Specify) ..... 5959-6032  
 Used on Lease  Dually Completed  
 Commingled

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OIL & GAS CONSERVATION DIVISION  
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ACO-1 WELL HISTORY  
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City/State/Zip Denver, CO 80217

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

Contractor: License # 9137  
Name White Drilling & Expl.

Wellsite Geologist  
Phone

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

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

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4/10/87 4/17/87 5/14/87  
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Invoice #

API NO. 15-189-20996  
County Stevens  
C SW SW 28 32S Rge 35 East  
Sec. Twp. Rge. West

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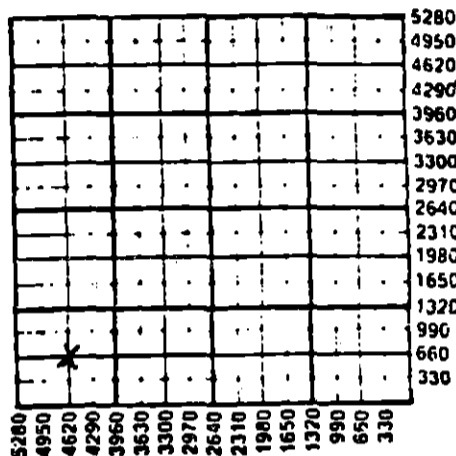
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Signature K. O. Fair J. E. Dawson  
Producing Accounting Supervisor Date 6/8/87

Subscribed and sworn to before me this 8th day of June 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 Time Log Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)

APR 13 1987

RECEIVED  
STATE CORPORATION COMMISSION

Sec. Twp. Rge.

Operator Name Mobil Oil Corporation Lease Name Bruhaker #1 Unit Well # 2

Sec. 28 Twp. 32S Rge. 35  East  West County Stevens

WELL LOG

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TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
		N/A					
Date of First Production		Producing Method					
T/A 5/14/87		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
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METHOD OF COMPLETION

Production Interval

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 Sold  Other (Specify) ..... 5959-6032.....  
 Used on Lease  Dually Completed .....  
 Commingled