

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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API NO. 15-189-20,894-00-00

County. Stevens

SW...SW...SE. Sec 32... Twp 34S. Rge. 36... East XX West

...330..... Ft North from Southeast Corner of Section
...2300..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name.. Parker Estate #4 Unit Well #.5.....

Field Name.. Hanke.....

Producing Formation.. Lower Morrow.....

Elevation: Ground. 3076'..... KB.. 3090'.....

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. D. 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.)

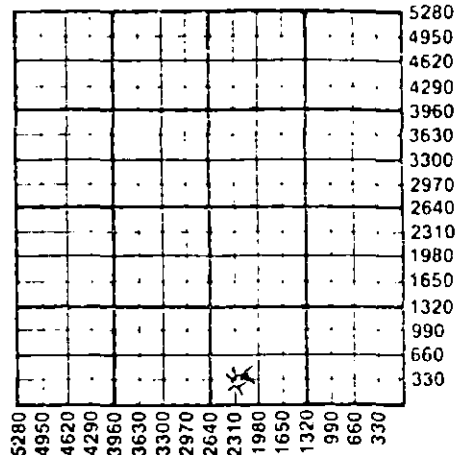
If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4/30/86 5/8/86 6/12/86
Spud Date Date Reached TD Completion Date
6900' 6365'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1807'
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3254'
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T86-199

Groundwater 180...Ft North from Southeast Corner
(Well) 2220...Ft West from Southeast Corner of
Sec 32 Twp 34S Rge 36 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 J. E. Dawson

Title Producing Accounting Supervisor Date 11/17/86

Subscribed and sworn to before me this 17th day of November 1986
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 Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec 32 Twp 34S Rge 36W

SIDE TWO

Operator Name ...Mobil Oil Corporation..... Lease Name.....Parker Estate #4 Unit #5..... Well #.....

Sec....32.... Twp..34S.... Rge...36..... East West County.....Stevens.....

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail... Report all dr... 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:

15,000 gals 70Q Foam Pad
 4,000 gals 70Q Foam w/1 ppg 20/40
 4,000 gals 70Q Foam w/2 ppg 20/40
 6,000 gals 70Q Foam w/3 ppg 20/40
 6,000 gals 70Q Foam w/4 ppg 20/40
 1,596 gals 70Q Foam Flush

Name	Top	Bottom
Chase	2710	
Winfield		
Council Grove	3010	
Admire	3290	
Wabaunsee	3415	
Lansing	4420	
Kansas City	4705	
Marmaton	5150	
Cherokee	5428	
Morrow	5957	
Chester	6432	
St. Genevieve	6648	
St. Louis	6744	
T.D.	6900	

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"	8 5/8"	24#	1807'	"A" Lite	580	8% gel 2% CaCl2
Production	7 7/8"	5 1/2"	17#	6900'	POZ65/35/6 N/A	100 *360	2% CaCl2

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	6314-42	(See Above)	

TUBING RECORD	Size 2 7/8"	Set At 6198	Packer at 6217	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production: N/A
 Producing Method: Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
		1580			

METHOD OF COMPLETION

Production Interval

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

*230 sxs 50/50 POZ "H" - 2% CaCl2

6314-42