

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

API NO. 15- 189-21097-00-03

County Stevens
 - C - NW - SW Sec. 16 Twp. 32 Rge. 35 X W E

Operator: License # 5208

1980 Feet from S/N (circle one) Line of Section

Name: Mobil Oil Corporation

635 Feet from E/W (circle one) Line of Section

Address P.O. Box 2173

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

2319 North Kansas Avenue

Lease Name Brown #1-FF Unit Well # 3

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: Spot Market

Producing Formation Chase

Operator Contact Person: Sharon Cook

Elevation: Ground 3009 KB 3019

Phone (316) 626-1142

Total Depth 6390 PBDT 2860

Contractor: Name: Key Energy

Amount of Surface Pipe Set and Cemented at 1789 Feet

License: 232443

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: L. J. Reimer

If yes, show depth set NA Feet

Designate Type of Completion

If Alternate II completion, cement circulated from NA

 New Well Re-Entry X Workover

feet depth to NA w/ NA sx cmt.

 Oil SWD SIOW Temp. Abd.

Drilling Fluid Management Plan Re-work, 5-18-99 U.C.
(Data must be collected from the Reserve Pit)

X Gas ENHR SIGW

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Chloride content NA ppm Fluid volume NA bbls

Operator: Mobil Oil Corporation

Dewatering method used

Well Name:

Location of fluid disposal if hauled offsite:

Comp. Date Old Total Depth

Operator Name NA

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT

Lease Name License No.

 Commingled Docket No.

 Quarter Sec. Twp. S Rng. E/W

 Dual Completion Docket No.

County Docket No.

 Other (SWD or Inj?) Docket No.

3-10-99 3-11-99

Spud Date Date Reached TD Completion Date
PU Installed Compl. Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Sharon A. Cook Sharon A. Cook

Title Regulatory Asst. Date 5-11-99

Subscribed and sworn to before me this 11th day of May, 19 99.

Notary Public Dwight K. Hunt

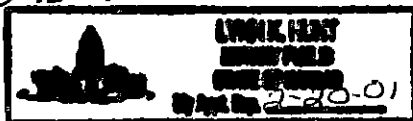
Date Commission Expires February 20, 2001

STATE CORPORATION COMMISSION

5-13-99

K.C.C. OFFICE USE ONLY		
F	<u> </u>	Letter of Confidentiality Attached
C	<u> </u>	Wireline Log Received
C	<u> </u>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<u> </u> SWD/Rep <u> </u> NGPA
<u> </u>	KGS	<u> </u> Plug <u> </u> Other
(Specify)		

Form ACO-1 (7-91)



Operator Name MOBIL OIL CORPORATION Lease Name Brown #1-FF Unit Well # 3

Sec. 16 Twp. 32 Rge. 35 East West
 County Stevens

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 NO CHANGE

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
NO CHANGE		

CASING RECORD <input 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
NO CHANGE							

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

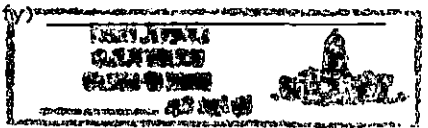
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
NO CHANGE		

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>2727</u>	Packer At <u>No</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____



ORIGINAL

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

Operator License # 5208
Name MOBIL OIL CORPORATION
Address P.O. BOX 5444
City/State/Zip DENVER, COLORADO 80217

Purchaser TA'D

Operator Contact Person D. R. MAYNARD
Phone (303) 298-2069

Contractor License # 9137
Name UNIT DRILLING & EXPLORATION CO.

Wellsite Geologist D.J. OSWEILER
Phone (303) 298-2391

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

If UNWD: old well info as follows:
Operator _____
Well Name _____
Comp. Date _____

WELL HISTORY

Drilling Methods:
 Mud Rotary Air Rotary Cable
8-2-87 8-9-87 TA'D 8-12-87
Spud Date Date Reached TD Completion Date
6390' 3196'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at: 1789' 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/ _____ SI cat
Cement Company Name _____
Invoice # _____

API No. 15- 189-21097
COUNTY STEVENS
_____ East
_____ NW _____ SW Sec 16 Twp 32S Rge 35 X West
1980 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

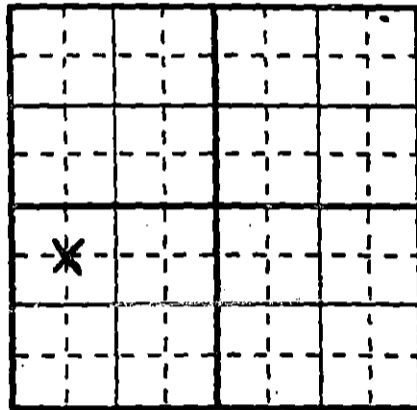
Lease Name ELIZABETH MILLER WELL # 1

Field Name UNNAMED

Producing Formation CHESTER

Elevation: Ground 3009' KB 3023'

SECTION PLAT



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # TA'D Repressuring

Questions on this portion of ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit# T87-301
 Groundwater 2000 Ft. North from Southeast Corner
(well) 4785 Ft. West from Southeast Corner of
Sec 16 Twp 32S Rge 35 East X 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 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 D. R. Maynard D. R. MAYNARD

Title REGULATORY COMPLIANCE MANAGER Date 8-5-88

Subscribed and sworn to before me this 5th day of August

1988
Notary Public Donna J. Skinner

Date Commission Expires June 8, 1990

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)

1110170

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name ELIZABETH MILLER Well # 1
 Sec. 16 Twp. 32S Rgn. 35 XX 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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample		
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		Name	Top	Bottom
		BASE OF ST. LOUIS CORRAL		1790'
		WELLINGTON	2277'	
		CHASE	2660'	
		COUNCIL GROVE	2976'	
		ADMIRE	3240'	
		WABAUNSEE	3370'	
		SHAWNEE	3763'	
		HEEDNER	4213'	
		LANSING	4273'	
		KANSAS CITY	4584'	
		MARMATON	4990'	
		CHEROKEE	5210'	
		MORROW	5630'	
		CHESTER	5990'	
		STE. GENEVIEVE	6186'	
		ST. LOUIS	6272'	

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"	240	1789'	CL C	640 SX	65:35:6 +2% CACL ₂
					CL C	100 SX	+2% CACL ₂
Production	7-7/8"	5-1/2"	140	3196'	CL H	670 SX	50:50 PDZ +2% GEL
						SX	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated						Depth
TA'D	TA'D						
TUBING RECORD		Size NA	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production	Producing Method						
TA'D	<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		
	TA'D Bbls	MCF	Bbls	CFPB			

Disposition of gas: Vented Sold Used on Lease
 METHOD OF COMPLETION: Open Hole Perforation Other (Specify) _____
 Dually Completed Commingled
 Production Interval: TA'D _____