

\* AMENDED 7-22-88

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 PERMIAN CORPORATION  
9810 E. 42ND, STE. 233  
TULSA, OK 74145

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

Contractor: License # 9137  
Name UNIT DRILLING & EXPLORATION CO.

Wellsite Geologist D. DU BOIS  
Phone (303) 298-3742

Designate Type of Completion  
 XX New  Re-Entry  Workover CONSERVATION DIVISION  
Wichita, Kansas

\*  XX Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If DWNO: old well info as follows:  
Operator \_\_\_\_\_  
Well Name \_\_\_\_\_  
Comp. Date \_\_\_\_\_

WELL HISTORY

Drilling Method:  
 XX Mud Rotary  Air Rotary  Cable  
5-10-87 5-16-87 6-2-87  
Spud Date Date Reached TD Completion Date  
6400' 6188'  
Total Depth PSTD AIT

Amount of Surface Pipe Set and Cemented at 1732 feet  
Multiple Stage Cementing Collar Used?  XX Yes  No  
If yes, show depth set 3191 feet  
If alternate 2 completion, cement circulated  
from \_\_\_\_\_ feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX cat  
Cement Company Name \_\_\_\_\_  
Invoice # \_\_\_\_\_

SIDE ONE

Formally Smith #1 Unit Well #3

API No. 15- 189-21047 60-60  
COUNTY STEVENS East  
NE NE Sec 9 Twp 33S Rge 35 X West  
4680 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name RHODA SMITH WELL # 1 \*

Field Name BECKER NORTHWOODS, SE \*

Producing Formation MORROW

Elevation: Ground 2954' KB 2970'

SECTION PLAT

			*

WATER SUPPLY INFORMATION

Disposition of Produced Water:  XX Disposal  
Docket # CD-82408  Repressuring

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

Source of Water:  
Division of Water Resources Permit# T87-176

XX Groundwater 4620 Ft. North from Southeast Corner  
(well) 660 Ft. West from Southeast Corner of  
Sec 2 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 B.R. Maynard B. R. MAYNARD

Title REGULATORY COMPLIANCE MANAGER Date 7/22/88

Subscribed and sworn to before me this 22 day of July  
19 88

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 Timelog Received

Distribution

KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

7-25-88

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name RHODA SMITH Well # 1

Sec 9 Twp 33S 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	2630'	
COUNCIL GROVE	2940'	
ADMIRE	3210'	
WABAUNSEE	3358'	
HEEBNER	4198'	
LANSING	4340'	
KANSAS CITY	4627'	
MARMATON	5032'	
CHEROKEE	5263'	
MORROW	5715'	
LOWER MORROW	5943'	
CHESTER	6032'	
STE. GENEVIEVE	6302'	

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#	1732'	CL C	690 SX	65:35:6 +2% CaCl <sub>2</sub>
					CL C	100 SX	+3% CaCl <sub>2</sub>
Production	7-7/8"	5-1/2"	14#	6400'	CL H	200 SX	50:50 POZ +2% GEL
					CL H	280 SX	50:50POZ+2%GEL+2%CaCl <sub>2</sub>

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record  
 (Amount and Kind of Material Used)

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
4 SPF	6012'-6032'	6012'-
		6032' O.A.

TUBING RECORD Size 2-7/8" Set At 5981' Packer At NONE Liner Run  Yes  No

Date of First Production 10-1-87 Producing Method  Flowing  Pumping  Gas Lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours  
 Oil 7 Bbls Gas 0 MCF Water 2 Bbls Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

METHOD OF COMPLETION

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) \_\_\_\_\_  
 Used on Lease

Production Interval  
6012'-6032' O.A.

Dually Completed  
 Commingled

OPERATOR: MOBIL OIL CORPORATION  
FIELD: KS UNNAMED COUNTY: STEVENS  
WELL: ~~SMITH-1-UT-3~~ SECTION: 9-33S-35W RHODA SMITH WELL #1  
API NO. 1518921047

DATE REMARKS  
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87 MAY 10 SPUD WELL IN; DRILLED FROM 80' TO 1054'  
SURVEYED  
DRILLED FROM 1054' TO 1732'; TD SURFACE HOLE  
CIRCULATE  
SHORT TRIP UP TO DRILL COLLARS  
CIRCULATE  
DROP SURVEY TOOL  
POOH TO RUN CSG; LD 3 DC'S; RETRIEVE SURVEY  
RU TRI-STATE CASERS  
RAN 8-5/8" CSG; SET AT 1732'  
RU WESTERN AND CIRC CAPACITY OF CSG W/RIG PUMP  
CEMENTED 8-5/8" CSG  
CUT OFF CONDUCTOR & CSG; WELD ON CSG HEAD; TEST TO 1000 PSI  
NU BOP; TEST BLIND RAMS & CHOKE MANIFOLD TO 1500 PSI

87 MAY 11 TIH W/BIT #2  
TEST PIPE RAMS TO 1500 PSI; HYDRIL TO 1000 PSI  
DRILL PLUG; INSERT; CEMENT; TEST SHOE JT TO 1000 PSI  
FINISH DRILLING SHOE JOINT & 5' OF NEW HOLE TO 1737'  
FIT W/450 PSI SURFACE FOR 13 PPG EMW  
DRILLED FROM 1737' TO 2000'  
DRILLED FROM 2000' TO 2080'  
SERVICE RIG  
DRILLED FROM 2080' TO 2664'  
SERVICE RIG  
DRILLED FROM 2664' TO 3120'  
RIG SERVICE  
DRILLED FROM 3120' TO 3450'

87 MAY 12 DRILL FROM 3450 TO 3520  
RIG SERVICE  
DRILL FROM 3520 TO 3978  
RIG SERVICE  
DRILL FROM 3978 TO 4305  
RIG SERVICE  
DRILL FROM 4305 TO 4630

87 MAY 13 DRILL 4630-4670  
RIG SERVICE  
DRILL 4670-5006  
RIG SERVICE  
DRILL 5006-5127  
DROP SURVEY, LD 1 JT DP  
TOH F/BIT, PU NEW F-27, TIH  
REAM 93' TO BTM

RECEIVED  
STATE CORPORATION COMMISSION

JUL 25 1988

CONSERVATION DIVISION  
Wichita, Kansas

OPERATOR: MOBIL OIL CORPORATION  
FIELD: KS UNNAMED COUNTY: STEVENS  
WELL: SMITH 1 UT 3 SECTION: 9-33S-35W  
API NO. 1518921047

DATE	REMARKS
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87 MAY 14	RIG SERVICE DRILL 5127-5257 DRL 5257-5285 RIG SERV DRL 5285-5507, LOC CIRC 5288-5299 (150 BL), LOST CIRC 5420- RIG SERV DRL 5507-5755 (LOST +- 350 BL) DRL 5755-5965, HOLE SEEPING 5785-5850 (75 BL)
87 MAY 15	DRL 5965-5995 RIG SERV DRL 5995-6221, HOLE SEEPING 5995-6115 (200 BLS) RIG SERV DRL 6221-6376 RIG SERV DRL 6376-6400 (TD)
87 MAY 16	CIRC 20 STAND SHORT TRIP, NO FILL CIRC PMP DWN SURVEY SLM OUT OF HOLE FOR LOGS (NO CORRECTION) RU SCHLUM, RUN LOGS - PHASOR INDUCTION-SP-GR-CNL-LDT-MICRO- CONTINUE LOGGING W/SCHLUMBERGER TIH TO 2500 BREAK CIRC FINISH TIH (NO FILL) CIRC FOR CASING RU NICHOLS, LD TLS, LD OP & DC RU CSG TLS; RAN 153 JTS 5-1/2, 14# K-55 STC INSTALL CMT HEAD & CIRC & COND MUD CMT 1ST STAGE AS PER CMT REPT; DSPL W/77 BBLS WTR, 78 BL MUD DROP BOMB, OPEN DV TL, CIRC & COND MUD
87 MAY 17	CMT 2ND STAGE AS PER REPT; DSPL W/78 BLS WTR, BUMP PLUG W/ ND BOP'S, SET SLIPS, CUT OFF 5-1/2 CSG, CLEAN PITS, RIG

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Wichita, Kansas

OPERATOR: MOBIL OIL CORPORATION  
FIELD: KS UNNAMED COUNTY: STEVENS  
WELL: SMITH 1 UT 3 SECTION: 9-33S-35W  
API NO. 1518921047

DATE

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87 MAY 10 CASING\_OD 8-5/8" TOP\_CSG 0 SHOE\_DEPTH 1732  
CMT CEMENTED CSG W/690 SX CLASS 'C' POZ; GEL 65:35:6 + 2% CACL;  
CMT FOLLOWED W/100 SX CLASS 'C' + 3% CACL; DISPLACED CEMENT WITH  
CMT 108 BBLs WTR; BUMPED PLUG W/1250 PSI; FLOAT HELD-OK; CIRC  
CMT 35 BBLs CEMENT TO SURFACE  
CMT  
CMT

87 MAY 16 CASING\_OD 5-1/2" TOP\_CSG 0 SHOE\_DEPTH 6400  
CMT RAN 153 JTS 5-1/2 14# K-55 STC, CMT 1ST STG PER REPT, DSPL W  
CMT 77 BLS WTR, 78 BL MUD, LOST CIRC @122 BL DSPLMT, BMP PLUG  
CMT 1000 PSI (500 OVER), CMT 2ND STG PER REPT, DSPL W/78 BLS WTR  
CMT BMP PLUG W/1500 PSI (1000 OVER)CHECK DV TL, CLOSED, RIG REL  
CMT 0415 HRS 5/17/87  
CMT

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JUL 25 1988

CONSERVATION DIVISION  
Wichita, Kansas



SIDE TWO

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

Sec. 9 Twp. 33S 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	2630	
Council Grove	2940	
Admire	3210	
Wabaunsee	3358	
Heebner	4198	
Lansing	4340	
Kansas City	4627	
Marmaton	5032	
Cherokee	5263	
Morrow	5715	
Lower Morrow	5943	
Chester	6032	
St. Genevieve	6302	

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	1732	C	690	65/35/6.2% CaCl
						100	3% CaCl
Production	7 7/8	5 1/2	14	6400	H	200	50/50POZ 2% Ge1
					H	280	50/50POZ 2% Ge1
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	6012-6032			1500 gals 15% HCL Acid		6012-	
				25,800 gal 60 Q Diesel			
				11,300# 20/40 Sand		6032	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing Method						
waiting on pipeline connection	<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	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 6012-6032  
 Used on Lease  Dually Completed .....  
 Commingled