

*AMENDED AS OF 2-26-88

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
City/State/Zip Denver, CO 80217

Purchaser THE PERMIAN CORP.

Operator Contact Person D. H. Lawrence
Phone 303-298-2698

Contractor: License # 5382
Name CHEVENNE DRILLING INC.

Wellsite Geologist T. A. TYRDIK
Phone (303) 298-3689

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-16-87 8-24-87 9-10-87
Spud Date Date Reached TD Completion Date
6246' 6208'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 769 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 233 feet
If alternate 2 completion, cement circulated from feet depth to SX cmt
Cement Company Name
Invoice #

API NO. 15-189-21101-0000

County STEVENS

SE NE Sec. 1 Twp 32S Rge 35 East West

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name K.U. ENDOWMENT Well # 1

Field Name LARRABEE

Producing Formation CHESTER

Elevation: Ground 2961' KB 2972'

Section Plat

Section Plat grid with elevations on the right: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330. A star is marked in the 3300-3630 row, 6th column.

3-4-88
15-189-21101-0000

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 82-82408 SOUTH CUTTER Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit 8.T.87-324

Groundwater 3300 Ft North from Southeast Corner (Well) 660 Ft West from Southeast Corner of Sec 1 Twp 32S Rge 35 East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) WATER WELL ON SITE (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 D. H. Lawrence

Title General Accounting Supervisor Date 11-17-87

Subscribed and sworn to before me this 17th day of November 1987

Notary Public

Date Commission Expires December 11th 1988

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 1 Twp 32S Rge 35

SIDE TWO

Operator Name MOBIL OIL CORP. Lease Name K.U. ENDOWMENT Well # 1

Sec. 1 Twp. 22S Rge. 7S East West County ST. LOUIS

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	2592	
COUNCIL GROVE	2926	
ADMIRE	3190	
WABAUNSEE	3321	
HEEBNER	4131	
KANSING	4243	
KANSAS CITY	4525	
MARIONTON	4936	
CHEROKEE	5141	
NORROW	5538	
CHESTER	5740	
STEGENEVIEVE	6100	
ST. LOUIS	6168	

RELEASED

APR 17 1989

FROM CONFIDENTIAL

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"	24#	1769'	CLASS C	640	65.25% C; A2.5% L.
PRODUCTION	7-7/8"	5-1/2"	14#	6246'	CLASS H	260	2% SODIUM; 2% CEL. 2% CEL.
					CLASS F	420	50% SODIUM; 2% CEL.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
4.5 SF	6042'-6084'			ACID 22.4/200 GAL. 7.5% HF - 150' @ 15 FT.		6042' - 6084' @	
				COR. NH. 200 BALL STAGERS, FLUENEA 1/37			
				BBL'S DIESEL; FRAC'D @ 11990 GAL. 60 Q.			
				FORM. DIESEL. N/S. 20-40 SAND			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-7/8"		Set At 6112'		Backer at 6007'			
Date of First Production		Producing Method					
10-1-87		<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	Gas	Water	Gas-Oil Ratio	Gravity	
64 Bbls		53 MCF	3 Bbls	828	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 6042'-6084' O.A.
 Used on Lease Dually Completed Comingled

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

S

API NO. 15-189-21101

County STEVENS

SE NE Sec. 1 Twp 32S Rge 35 East X West

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name K.U. ENDOWMENT Well # 1

Field Name LARRABEE

Producing Formation CHESTER

Elevation: Ground 2961' KB 2972'

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

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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
8-16-87 8-24-87 9-10-87
Spud Date Date Reached TD Completion Date
6246' 6208'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1769 feet
Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set 3235 feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

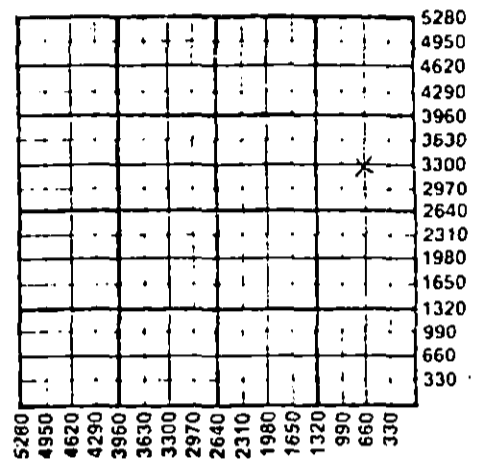
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Signature D. H. Lawrence
Title General Accounting Supervisor Date 11-17-87

Subscribed and sworn to before me this day of November 1987
Notary Public
Date Commission Expires

Section Plat



WATER SUPPLY INFORMATION

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Docket # CP-82408 Repressuring

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Division of Water Resources Permit # T.87-324

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Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West

X Other (explain) WATER WELL ON SITE (purchased from city, R.W.D. #)

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
X KCC SWD/Rep NGPA
X KGS Plug Other (Specify)

Sec. 1, Twp. 32 Rge. 35

Operator Name MOBIL OIL CORP. Lease Name K.U. ENDOWMENT Well # 1

Sec. 1 Twp. 22S Rge. 25 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.

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 Cores Taken Yes No

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ST. GENEVIEVE	6100	
ST. LOUIS	6168	

RELEASED

DEC 12 1988

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
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SURFACE	12-1/4"	8-5/8"	24#	1769'	CLASS C	640	65% 35% C; A2, 6EL
PRODUCTION	7-7/8"	5-1/2"	14#	6246'	CLASS H	260	28% A2, 3% C, 2% P, 2% GEL
					CLASS H	420	50% S, 4% A, 2% P, 2% GEL
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4.5 SF	6042'-6084'			ACIDZ. W/ 2000 GAL. 7.5% HF - 150 W/ 16PT. CORR. IN. 200 BALL SEALS. FLUSHED W/ 37 BBL. DIESEL; FRACID W/ 19960 GAL. 60 Q. FRTM. DIESEL W/ 5000# 20-40 SAND.		6042' - 6084' O.A.	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2-7/8"	Set At 6112'	Packer at ANCHOR 6007'				
Date of First Production		Producing Method					
INFO NOT AVAILABLE AT THIS TIME		<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	
INFO NOT AVAILABLE AT THIS TIME		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 6042'-6084' O.A.
 Used on Lease Dually Completed
 Commingled