

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 J. PHILLIPS
Phone (303) 298-3653

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

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

WELL HISTORY

Drilling Method:
 XX Mud Rotary Air Rotary Cable
5-18-88 5-24-88 6-20-88
Spud Date Date Reached TD Completion Date

6240' 6216'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1725' feet
Multiple Stage Cementing Collar Used? XX Yes No
If yes, show depth set 3221' feet
If alternate 2 completion, cement circulated
from _____ feet depth to _____ w/ _____ SX cat
Cement Company Name _____
Invoice # _____

API No. 15- 189-21176 - 0000
COUNTY STEVENS
SW SE Sec 1 Twp 32S Rge 35 X East
West

660 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Notes: Locate well in section plat below)

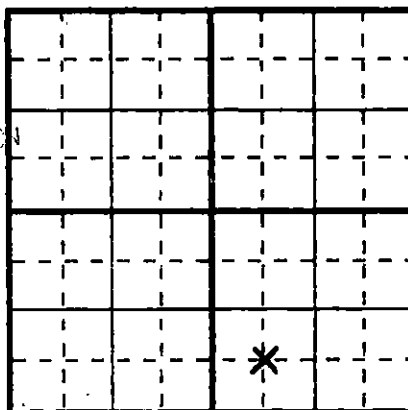
Lease Name CLAUDE D. DAVIS WELL # 2

Field Name LARRABEE

Producing Formation CHESTER

Elevation: Ground 2938' KB 2954'

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# T88-322

XX Groundwater 690 Ft. North from Southeast Corner
(well) 4800 Ft. West from Southeast Corner of
Sec 1 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. #)

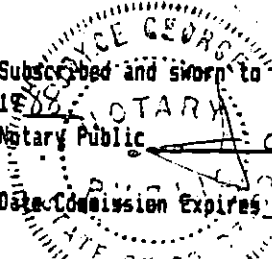
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107, and 82-3-106 apply. Information on side two of this form will be held confidential 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 9-2-88

Subscribed and sworn to before me this 2nd day of Sept.
Notary Public George
Date Commission Expires 1/3/91



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

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name CLAUDE D. DAVIS Well # 2

Sec 1 Twp 32S Rge 3S XX East
XX 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 XX No
 Samples Sent to Geological Survey XX Yes No
 Cores Taken XX Yes No

PLEASE NOTE: CORE ANALYSIS WILL
 BE SENT TO KCC WHEN AVAILABLE.

Formation Description
XX Log Sample

Name	Top	Bottom
CHASE	2598'	
WINFIELD	2651'	
COUNCIL GROVE	2894'	
ADMIRE	3155'	
WABAUNSEE	3286'	
HEEBNER	4092'	
LANSING	4203'	
KANSAS CITY	4486'	
MARMATON	4903'	
CHEROKEE	5109'	
MORROW	5510'	
CHESTER	5740'	
STE. GENEVIEVE	6060'	
ST. LOUIS	6132'	

CASING RECORD

XX 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#	1725'	CL C	615 SX	65:35:6 +3% CaCl ₂
					CL C	150 SX	+2% CaCl ₂
Production	7-7/8"	5-1/2"	14#	6240'	CL H	315 SX	50:50:2
					CL H	460 SX	50:50:2 +2% CaCl ₂

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	6036'-6060'	6036'-
		6060' O.A.

TUBING RECORD Size 2-7/8" Set At 6109' Packer At NONE Liner Run Yes XX No

Date of First Production 6-20-88 Producing Method Flowing XX Pumping Gas Lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	<u>20</u> Bbls	<u>80</u> MCF	<u>3</u> Bbls	<u>4000</u> CFPB	<u>40</u>

METHOD OF COMPLETION

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

Production Interval

6036'-6060' O.A.

SIDE TWO

Operator Name MOBIL OIL CORPORATION

Lease Name CLAUDE D. DAVIS

Well # 2

Sec. 1 Twp. 32S Rge. 35 XX East
XX West

County STEVENS

RELEASED

WELL LOG

MAR 0 6 1990

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report ~~from~~ **FROM CONFIDENTIAL** 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 XX Yes XX No
 Samples Sent to Geological Survey XX Yes XX No
 Cores Taken XX Yes XX No

Formation Description
XX Log XX Sample

PLEASE NOTE: CORE ANALYSIS WILL
 BE SENT TO KCC WHEN AVAILABLE.

Name	Top	Bottom
CHASE	2558'	
WINFIELD	2651'	
COUNCIL GROVE	2894'	
ADMIRE	3155'	
WABAUNSEE	3286'	
HEEBNER	4092'	
LANSING	4203'	
KANSAS CITY	4486'	
MARMATON	4903'	
CHEROKEE	5109'	
MORROW	5510'	
CHESTER	5740'	
STE. GENEVIEVE	6060'	
ST. LOUIS	6132'	

CASING RECORD							
<u>XX</u> New <u>XX</u> 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#	1725'	CL C	615 SX	65:35:6 +3% CACL ₂
					CL C	150 SX	+2% CACL ₂
Production	7-7/8"	5-1/2"	14#	6240'	CL H	315 SX	50:50:2
					CL H	460 SX	50:50:2 +2% CACL ₂
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 SPF	6036'-6060'			ACIDIZED W/1800 GALS 7.5% HCL + INHB.			6036'-
				FRAC'D W/1353 GALS DIESEL GEL & 88,000 20/40 SAND			6060' DA
TUBING RECORD Size 2-7/8" Set At 6109' Packer At NONE				Liner Run <u>XX</u> Yes <u>XX</u> No			
Date of First Production	Producing Method <u>XX</u> Flowing <u>XX</u> Pumping <u>XX</u> Gas Lift <u>XX</u> Other (explain)						
6-20-88							
Estimated Production Per 24 Hours	Oil <u>20</u> Bbls	Gas <u>80</u> MCF	Water <u>3</u> Bbls	Gas-Oil Ratio <u>4000</u> CFPB	Gravity <u>40</u>		

Disposition of gas: XX Vented
XX Sold
XX Used on Lease

METHOD OF COMPLETION
XX Open Hole XX Perforation
XX Other (Specify) _____
XX Dually Completed
XX Comingled

Production Interval
6036'-6060' O.A.

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MAR 0 6 1990

FROM CONFIDENTIAL

MOBIL OIL CORPORATION
DRILLING COMPLETION SUMMARY

WELL: CLAUDE D DAVIS 2
API: 1518921176
WELL TYPE: DEVELOPMENT

MATCH NUMBER: 881043

COORDINATES: 660' FSL & 1980' FEL
SECTION: 1-32S-35W
COUNTY: STEVENS
WELL SPUDED: 88 MAY 18
REACHED TD: 88 MAY 24
RIG RELEASE: 88 MAY 25

FIELD: KS LARRABEE
STATE: KS

GROUND ELEVATION: 2938
KB ELEVATION: 2954
OBJECTIVE: CHESTER
PROD. CASING DEPTH: 0

ADDITIONAL COMMENTS

RECEIVED
STATE CONSERVATION COMMISSION

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CONSERVATION DIVISION
Wichita, Kansas

09/01/88

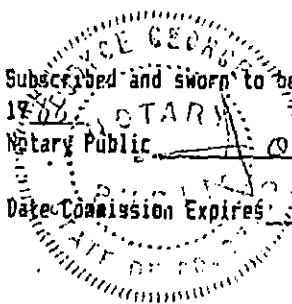
All requirements of statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature *B. R. Maynard* B. R. MAYNARD

Title REGULATORY COMPLIANCE MANAGER Date 9-2-88

Subscribed and sworn to before me this 2nd day of Sept.
1988. Notary Public *George*
Date Commission Expires 1/3/91

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



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

SEP 13 1988

Form ACO-1 (5-86)

RELEASED

MAR 0 6 1990

FROM CONFIDENTIAL

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS LARRABEE COUNTY: STEVENS
WELL: CLAUDE D DAVIS 2 SECTION: 1-32S-35W
API NO. 1518921176

DATE REMARKS

88 MAY 17 SPUD WELL; DRILLING FROM 70' TO 746'
RIG SERVICE
DRILLING FROM 746' TO 1675'
RIG SERVICE
DRILLING FROM 1675' TO 1725'
CIRC & COND FOR SHORT TRIP
SHORT TRIP TO DC'S
CIRC & COND FOR 8-5/8" CSG
SURVEY, TOH; LD 8" DC'S
RAN 8-5/8" CSG, SET @ 1725'
CEMENT 8-5/8" CSG
CUT OFF CSG; NU 8-5/8" CSG HEAD, TEST SAME

88 MAY 18 NU BOPS
TEST BLIND RAMS, CHOKE MANIFOLD @ 1500#, OK
PU BHC, TIH
TST PIPE RAME @ 1500#, OK; HYDRIL @ 1000#, OK
DRILL PLUG, INSERT, 5' CMT, TEST CSG TO 1500#, OK
DRILL CMT & SHOE 10' FORMATION; TEST FORMATION TO 400# = 13
DRILLING FROM 1735' TO 1865'
DRILLING FROM 1865' TO 1953'
RIG SERVICE
DRILLING FROM 1953' TO 2511'
RIG SERVICE
DRILLING FROM 2511' TO 2923'
TRIP UP INTO SURF CSG, WORK ON STANDBY PUMP (#1 PUMP DOWN
DRILLING FROM 2923' TO 2978'

88 MAY 19 RIG SERVICE
DRILLING FROM 2978' TO 3197'
PUMP FLAG, TRIP FOR HOLE IN PIPE (11 STANDS DOWN)
DRILLING FROM 3197' TO 3225'; LOST 300 BBL FROM 2934' TO

88 MAY 20 DRILLING FROM 3225' TO 3275'
DRILLED FROM 4471' TO 4520'
RIG SERVICE
SERVICE RIG
DRILLING FROM 3275' TO 3726'
DRILLED FROM 4520' TO 4812'
RIG SERVICE
RIG SERVICE
DRILLED FROM 4812' TO 4874'
DRILLING FROM 3726' TO 4170'
SURVEY; TRIP FOR BIT #3; SLM; WASH & REAM TO BOTTOM;
DRILLED FROM 4874' TO 4895'

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STATE CORPORATION COMMISSION

SEP 9 1988

CONSERVATION DIVISION
Wichita, Kansas

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

Title REGULATORY COMPLIANCE MANAGER Date 9-2-88

Subscribed and sworn to before me this 2nd day of Sept.

Notary Public George

Date Commission Expires 1/3/91

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<input type="checkbox"/>	Drillers Timelog Received	
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SMD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)		

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

SEP 13 1988

Form ACO-1 (5-86)

RELEASED

MAR 0 6 1990

FROM CONFIDENTIAL

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS LARRABEE COUNTY: STEVENS
WELL: CLAUDE D DAVIS 2 SECTION: 1-32S-35W
API NO. 1518921176

DATE	REMARKS
88 MAY 20	RIG SERVICE SERVICE RIG DRILLING FROM 4170' TO 4471' DRILLED FROM 4895' TO 5126'
88 MAY 21	DRILLED FROM 5126' TO 5153' SERVICE RIG DRILLED FROM 5153' TO 5410' SERVICE RIG DRILLED FROM 5410' TO 5680' DRILLED FROM 5680' TO 5872'
88 MAY 22	DRILLED FROM 5872' TO 5898' SERVICE RIG DRILLED FROM 5898' TO 6035' CIRC SAMPLES 14 STD SHORT TRIP-NO FILL CIRC MUD FOR CORE DROP SURVEY TOH TO RUN ORIENTED CORE PU CORE BBL & SURFACE ORIENT TIH W/CORE BBL WASH THRU BRIDGE AT 5567' TIH WASH FROM 5968' TO 6035'; CIRC ON BOTTOM CORE CHESTER 6035' TO 6065'
88 MAY 23	CORE CHESTER 6065' TO 6076' CHAIN OUT OF HOLE LD JARS; MONEL; DC; CORE & CORE BBL; RECOVERED 41' OF CORE TIH W/BIT #5RR; BREAK CIRC AT 3150'; PU 3 JTS DP WASH 30' TO BOTTOM DRILLED FROM 6076' TO 6200' RIG SERVICE DRILLED FROM 6200' TO 6240' (TD)
88 MAY 24	10 STD SHORT TRIP; 7' FILL CIRC AND COND MUD FOR LOGS DROP SURVEY SLM OUT OF HOLE-NO CORRECTION RU SCHLUMBERGER TO LOG LOG W/SCHLUMBERGER; #1-DIL/SFL/SP; #2-CNL/LDT/GR/ML/CAL/EPT; RUN #3 DIPMETER TIH; BREAK CIRC AT 2700' AND 4500' CIRC AND COND MUD F/CSG; RU LD MACHINE

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STATE CORPORATION COMMISSION

MAR 9 1988

CONSERVATION DIVISION
Wichita, Kansas

... shall be removed from 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

Title REGULATORY COMPLIANCE MANAGER Date 9-2-88

Subscribed and sworn to before me this 2nd day of Sept.

Notary Public George

Notary Commission Expires 1/3/91

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Distribution		
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<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/>
	SWD/Rep	<input type="checkbox"/>
	Plug	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		Other
		(Specify)

OPERATOR: MOBIL OIL CORPORATION
 FIELD: KS LARRABEE COUNTY: STEVENS
 WELL: CLAUDE D DAVIS 2 SECTION: 1-32S-35W
 API NO. 1518921176

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 FROM CONFIDENTIAL

DATE	REMARKS
88 MAY 24	LD DP & DC W/BULL ROGER'S LD CREW RU CASERS; RUN 5-1/2" CSG; SET AT 6240'
88 MAY 25	RU WESTERN & CIRC CSG CEMENT 1ST STAGE CEMENT DROP BOMB; OPEN DV TOOL; CIRC FOR 2ND STAGE CEMENT 2ND STAGE CEMENT ND BOP; SET SLIPS; CUT OFF 5-1/2" JET & CLEAN PITS; RELEASED RIG

RECEIVED
 OIL CORPORATION COMMISSION
 SEP 9 1988
 CONSERVATION DIVISION
 Wichita, Kansas

Operator shall submit copies from wells 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

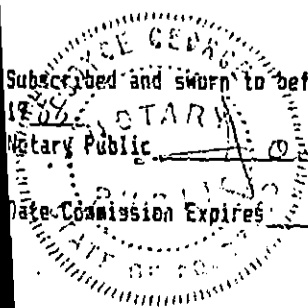
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<input checked="" type="checkbox"/>	SWD/Rep	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Plug	<input type="checkbox"/>
<input type="checkbox"/>	NGPA	<input type="checkbox"/>
<input type="checkbox"/>	Other	<input type="checkbox"/>
(Specify)		



RELEASED

MAR 0 6 1990

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS LARRABEE COUNTY: STEVENS
WELL: CLAUDE D DAVIS 2 SECTION: 1-32S-35W
API NO. 1518921176

FROM CONFIDENTIAL

DATE

88 MAY 17 CASING_OD 8-5/8" TOP_CSG 0 SHOE_DEPTH 1725
CMT LEAD: CMT W/ 615 SX 'C' 65/35/6 (65% CMT + 3% CACL), 1.99
CMT YIELD, 10.97 WTR, 12# SLURRY WT; TAIL: CMT W/ 150 SX 'C'
CMT + 2% CACL, 1.33 YIELD, 6.32 WTR, 14# SLURRY WT; PREFLUSH W/
CMT 20 BBL WTR; FULL CIRC; PIPE RECIP; CMT RTNS TO SURF, 85 BBLS;
CMT FLOATS HELD
CMT

88 MAY 24 CASING_OD 5-1/2" TOP_CSG 0 SHOE_DEPTH 6240
CMT CEMENT 1ST STAGE W/315 SX CLASS 'H' 50:50 POZ W/2% GEL; 14.2
CMT PPG; FLOAT HELD
CMT
CMT CMT 2ND STAGE W/SAME SLURRY & 2% CACL; 460 SX TOTAL; CLOSE
CMT DV; HELD OK
CMT

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STATE CORPORATION COMMISSION

SEP 9 1988

CONSERVATION DIVISION
Wichita, Kansas

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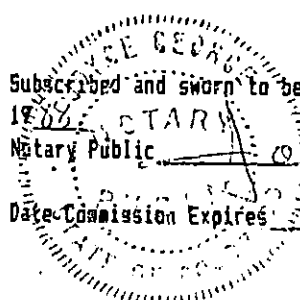
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Distribution					
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<input checked="" type="checkbox"/>	KSS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other
(Specify)					



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

SEP 13 1988

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