

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 B. R. MAYNARD
Phone (303) 298-2069

Contractor: License # 9137
Name UNIT DRILLING & EXPLORATION

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

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6-7-88 6-14-88 TA'D 7-27-88
Spud Date Date Reached TD Completion Date
6530' 6335'
Total Depth PBD *A/I*

Amount of Surface Pipe Set and Cemented at 1759' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3219 feet
If alternate 2 completion, cement circulated
from _____ feet depth to _____ w/ _____ SX cat
Cement Company Name _____
Invoice # _____

API No. 15- 189-21196-00-00
COUNTY STEVENS
NW NW NW Sec 17 Twp 33S Rge 36 X West
4950 Ft North from Southeast Corner of Section
4956 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

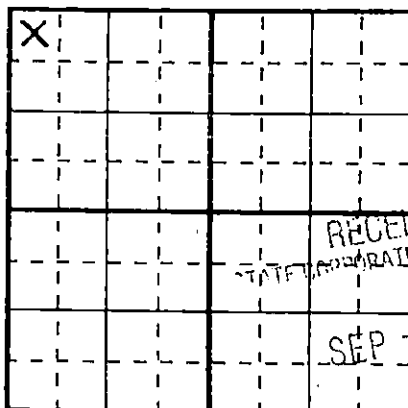
Lease Name HARRISON UNIT WELL # 3

Field Name WILDCAT

Producing Formation L. MORROW

Elevation: Ground 3060' KB 3076'

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# I 88-277

Groundwater 4837 Ft. North from Southeast Corner
(well) 144 Ft. West from Southeast Corner of
Sec 18 Twp 33S Rge 36 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 9-1-88

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

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)
9-6-88 X

SIDE TWO

Operator Name MOBIL OIL CORPORATION

Lease Name HARRISON UNIT

RELEASED

Sec. 17 Twp. 33S Rge. 36 XX East
XX West

County STEVENS

MAR 06 1990

WELL LOG

FROM CONFIDENTIAL

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 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

Name	Top	Bottom
CHASE	2605'	
COUNCIL GROVE	2925'	
ADMIRE	3205'	
HEEBNER	4140'	
LANSING	4244'	
KANSAS CITY	4422'	
MARMATON	5074'	
CHEROKEE	5300'	
NORROW	5793'	
CHESTER	6150'	
STE. GENEVIEVE	6347'	
ST. LOUIS	6442'	

CASING RECORD

XX New XX 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#	1759'	CL C	620 SX	65:35:6 +3% CACL ₂
					CL C	160 SX	+2% CACL ₂
Production	7-7/8"	5-1/2"	14#	6481'	CL H	250 SX	50:50 PDZ +2% GEL
					CL H	440 SX	50:50PDZ+2%GEL+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	5814'-5828'	5814'-

TUBING RECORD Size 2-7/8" Set At 5717' Packer At NONE Liner Run XX Yes XX No

Date of First Production <u>TA'D</u>	Producing Method <u>XX</u> Flowing <u>XX</u> Pumping <u>XX</u> Gas Lift <u>XX</u> Other (explain) <u>XX</u>				
Estimated Production Per 24 Hours	Oil <u>TA'D</u> Bbls	Gas <u>TA'D</u> MCF	Water <u>XX</u> Bbls	Gas-Oil Ratio <u>XX</u> CFPB	Gravity

METHOD OF COMPLETION

Production Interval

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

XX Open Hole XX Perforation
XX Other (Specify) XX
XX Dually Completed
XX Conningled

TA'D

RELEASED
MAR 06 1990
FROM CONFIDENTIAL

MOBIL OIL CORPORATION
DRILLING COMPLETION SUMMARY

WELL: HARRISON UT 3
API: 1518921196
WELL TYPE: DEVELOPMENT
MATCH NUMBER: 881048
COORDINATES: 4950' FSL 4956' FEL
SECTION: 17-33S-36W
COUNTY: STEVENS
WELL SPUDDED: 88 JUN 07
REACHED TD: 88 JUN 14
RIG RELEASE: 88 JUN 15
FIELD: KS WALKEMEYER
STATE: KS
GROUND ELEVATION: 3060
KB ELEVATION: 3076
OBJECTIVE: LOWER MORROW
PROD. CASING DEPTH: 0

ADDITIONAL COMMENTS

RECEIVED
STATE CORPORATION COMMISSION

SEP - 6 1988

CONSERVATION DIVISION
Topeka, Kansas

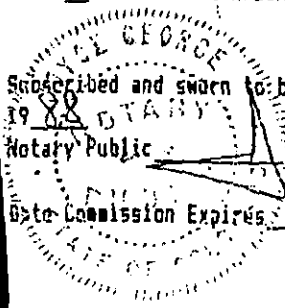
09/01/88

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 9-1-88

Subscribed and sworn to before me this 1st day of Sept.
1988
Notary Public George George
State Commission Expires 1/3/91



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

SEP 08 1988

RELEASED

MAR 06 1990

FROM CONFIDENTIAL

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS WALKEMEYER COUNTY: STEVENS
WELL: HARRISON UT 3 SECTION: 17-33S-36W
API NO. 1518921196

DATE REMARKS

88 JUN 07 SPUD WELL; DRILLED FROM 56' TO 1600'
SERVICE RIG
DRILLED FROM 1600' TO 1696'
TRIP FOR BIT #2
DRILLED FROM 1696' TO 1760'
CIRC & COND MUD TO RUN CSG
POH; LD DC'S; PU 1 JT DP
RU CSG CREW; RAN 8-5/8" CSG; SET AT 1759'
RU WESTERN; CIRC & COND MUD
CEMENT SURFACE CSG
JET CELLAR; CUT OFF CSG; WELD ON CSG HEAD

88 JUN 08 NU BOP'S; TEST BLINDS & CHOKE MANIFOLD 1500 PSI-OK
PU BHDC & TIH
TEST PIPE RAMS 1500#; HYDRIL 1000#-OK
DRILL FLOAT; CMT; TEST SHOE 1000#-OK; DRILL CMT & SHOE
DRILLED FROM 1760' TO 1770'
FIT TO 13.0# EMW-OK
DRILLED FROM 1770' TO 1850'
SERVICE RIG
DRILLED FROM 1850' TO 2450'
SERVICE RIG
DRILLED FROM 2450' TO 2955'
SERVICE RIG
DRILLED FROM 2955' TO 3360'

88 JUN 09 DRILLED FROM 3360' TO 3410'
SERVICE RIG
DRILLED FROM 3410' TO 3761'; LOST CIRC AT 3450'; 175 BBLS
SERVICE RIG
DRILLED FROM 3761' TO 3907'
DROP SURVEY; POH F/BIT #4
WASH & REAM 3836' TO 3876'; LOST 125 BBLS MUD WHILE
SERVICE RIG
WASH & REAM 3876' TO 3907'
DRILLED FROM 3907' TO 4242'

88 JUN 10 DRILLED FROM 4242' TO 4273'
SERVICE RIG
DRILLED FROM 4273' TO 4625'; HOLE SEEPING; LOST APPROX.
SERVICE RIG
DRILLED FROM 4625' TO 4895'
SERVICE RIG
DRILLED FROM 4895' TO 5130'

88 JUN 11 DRILLED FROM 5130' TO 5165'

RECEIVED
STATE CORPORATION COMMISSION

SEP - 6 1988

CONSERVATION DIVISION
Wichita, Kansas

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19 88
Notary Public George George
Date Commission Expires 1/3/91

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Time-log Received

Distribution:

<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other

(Specify)

SEP 08 1988

RELEASED

MAR 06 1990

FROM CONFIDENTIAL

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS WALKEMEYER COUNTY: STEVENS
WELL: HARRISON UT 3 SECTION: 17-33S-36W
API NO. 1518921196

DATE	REMARKS
88 JUN 11	SERVICE RIG DRILLED FROM 5165' TO 5373' SERVICE RIG DRILLED FROM 5373' TO 5575'; LOST CIRC AT 5421' TO 5433'; SERVICE RIG DRILLED FROM 5575' TO 5767'
88 JUN 12	DRILLED FROM 5767' TO 5790' SERVICE RIG DRILLED FROM 5790' TO 5962' SERVICE RIG DRILLED FROM 5962' TO 6140' SERVICE RIG DRILLED FROM 6140' TO 6162'
88 JUN 13	CIRC SAMPLES DRILLED FROM 6162' TO 6193' CIRC SAMPLES DRILLED FROM 6193' TO 6240' DRILLED FROM 6240' TO 6253' SERVICE RIG DROP SURVEY; STRAP OUT OF HOLE-NO CORRECTION; RIH W/BIT #5 DRILLED FROM 6253' TO 6310' SERVICE RIG DRILLED FROM 6310' TO 6445' SERVICE RIG DRILLED FROM 6445' TO 6530' (TD)
88 JUN 14	CIRC SAMPLES DROP SURVEY & POH FOR LOGS FINISH POH FOR LOGS RU GEARHART; RUN LOGS; DIL/SP/GR/MEL; SPECTRAL LITH-DENS/ RIH TO 6530' CIRC & COND MUD TO RUN CSG; RU LD CREW POH; LD DP & DC'S
88 JUN 15	RU CSG CREW; PU & RIH W/5-1/2" CSG; SET AT 6481' CIRC & COND MUD TO CEMENT CEMENT 1ST STAGE CEMENT DROP BOMB; OPEN DV; CIRC & COND MUD FOR 2ND STAGE CIRC & COND MUD FOR 2ND STAGE CEMENT 2ND STAGE CEMENT ND BOP'S; SET SLIPS; CUT OFF 5-1/2" CSG; CLEAN PITS;

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STATE CORPORATION COMMISSION

SEP - 6 1988

CONSERVATION DIVISION
Wichita, Kansas

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

SEP 08 1988

RELEASED

MAR 06 1990

FROM CONFIDENTIAL

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS WALKEMEYER COUNTY: STEVENS
WELL: HARRISON UT 3 SECTION: 17-33S-36W
API NO. 1518921196

DATE

88 JUN 07 CASING_OD 8-5/8" TOP_CSG 0 SHOE_DEPTH 1759
CMT LEAD W/620 SX 65% 'C'; 35% POZ; 6% GEL W/3% CACL; 10.97 WTR
CMT REQ; 12.4 PPG SLURRY WT; TAILED W/160 SX CLASS 'C' W/2% CACL
CMT 6.32 WATER REQ; 14.8 PPG SLURRY WT
CMT
CMT
CMT

88 JUN 14 CASING_OD 5-1/2" TOP_CSG 0 SHOE_DEPTH 6481
CMT LEAD W/250 SX CLASS 'H'; 50:50 POZ W/2% GEL; 1.26 YIELD;
CMT 5.75 WATER REQ.; 14.2 SLURRY WT; TAILED W/440 SX CLASS 'H';
CMT 50:50 POZ W/2% GEL; 2% CACL; 1.26 YIELD; 5.75 WATER REQ;
CMT 14.2 SLURRY WT
CMT
CMT

RECEIVED
REGISTRATION COMMISSION

SEP - 6 1988

REGISTRATION DIVISION
Wichita Kansas

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Signature *B. R. Maynard* ⁰¹³⁵ B. R. MAYNARD

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Notary Public *George George*
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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)					

SEP 08 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
Form AGO-1 (5-86)