

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 WILLIAMS NATURAL GAS
P.O. BOX 3288
TULSA, OK 74101-9990

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

Contractor: License # 5141
Name ZENITH DRILLING CORP.

Wellsite Geologist J.B. BAUMAN
Phone (303) 298-3706

Designate Type of Completion
 New Re-Entry Workover

 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)
If OWMO: old well info as follows;
Operator _____
Well Name _____
Comp. Date _____

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

3-7-88 3-9-88 5-2-88
Spud Date Date Reached TD Completion Date

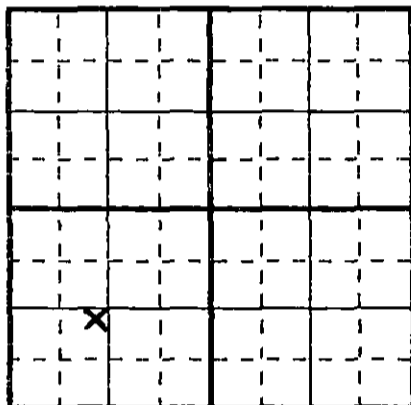
2910' 2891'
Total Depth PBDT *A/I*

Amount of Surface Pipe Set and Cemented at 757' 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/ _____ SX cat
Cement Company Name _____
Invoice # _____

API No. 15- 189-21151-0000
COUNTY STEVENS East
NE SW SW Sec 20 Twp 31S Rge 35 X West
1250 Ft North from Southeast Corner of Section
4036 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name LEFFLER UNIT WELL # 3
Field Name HUGOTON INFILL
Producing Formation CHASE
Elevation: Ground 3016' KB 3027'

SECTION PLAT



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 100479-C Repressuring

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

Source of Water:
Division of Water Resources Permit# NA

 Groundwater _____ Ft. North from Southeast Corner
(well) _____ Ft. West from Southeast Corner of
Sec _____ Twp _____ Rge _____ East 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 OF HUGOTON
(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.

RECEIVED
STATE CORPORATION COMMISSION
JUN 29 1988
6-29-88
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 B. R. MAYNARD *Q08*
Title REGULATORY COMPLIANCE MANAGER Date 6-27-88

Subscribed and sworn to before me this 27th day of June
19 88
Notary Public George 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 SWD/Rep NGPA
 KGS Plug Other
(Specify)

6-29-88

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name LEFFLER UNIT Well # 3

Sec 20 Twp 31S Rge 35 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 Yes XX No
 Cores Taken Yes XX No

Formation Description
XX Log Sample

Name	Top	Bottom
PERMIAN	540'	
GLORIETTA	1262'	1438'
STONE CORRAL	1710'	1762'
CHASE (HERINGTON)	2558'	
PADDOCK	2574'	
UPPER KRIDER	2585'	
LOWER KRIDER	2616'	
ODELL	2654'	
WINFIELD	2666'	
GAGE	2698'	
TOWANDA	2718'	
HOLMESVILLE	2767'	
FT. RILEY	2776'	
WREFORD	2850'	
COUNCIL GROVE	2892'	

REPERFORATED THE FOLLOWING INTERVALS AT 2 SPF

2560'-2570', 2586'-2604', 2618'-2650', 2670'-2694',
 2720'-2750', 2778'-2794'

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#	757'	CL H LITE	273 SX	65:35:6 +3% CACL ₂
					CL H	92 SX	+3% CACL ₂
Production	7-7/8"	5-1/2"	14#	2910'	CL H	125 SX	65:35:6
					CL H LITE	125 SX	50:50 POZ+2%GEL+2%CACL ₂

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 SPF	2778'-2794'	ACDZ W/800 GAL 15% INH.FeHCL ACID	2778'- 2794'
1 SPF	2560'-2720'	ACDZ W/6250 GAL 15% INH.FeHCL ACID.	2560'- 2720'
	PLEASE SEE ABOVE-LEFT	FRAC W/119,000 GAL XL GEL & 250,000# 12/20 SAND	2720'

TUBING RECORD Size NONE Set At Packer At Liner Run Yes XX No

Date of First Production 5-5-88 Producing Method XX Flowing Pumping Gas Lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	<u>0</u> Bbls	<u>460</u> MCF	<u>0</u> Bbls	<u> </u> CFPB	

METHOD OF COMPLETION

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



OPERATOR: MOBIL OIL CORPORATION
FIELD: KS HUGOTON COUNTY: STEVENS
WELL: LEFFLER UT 3 SECTION: 20-31S-352
API NO. 1518921151

DATE	REMARKS
88 MAR 07	SPUD WELL; DRILLED TO 757'
88 MAR 08	CIRC AND COND FOR CSG TRIP OUT TO RUN CSG RU CASERS RUN 8-5/8" CSG; SET AT 757' CIRC AND COND CASING FOR CEMENT CEMENT 8-5/8" CASING WOC CUT OFF 8-5/8" CSG; WELD ON HEAD; NU BOP TIH TEST BOP-1000#-OK DRILLING CEMENT DRILLED FROM 757' TO 1713' DROP SURVEY; TRIP FOR BIT #3 DRILLED FROM 1713' TO 2330'
88 MAR 09	DRILLED FROM 2330' TO 2519' CLEAN MUD PITS; DISPLACE HOLE W/NEW MUD DRILLED FROM 2519' TO 2910' (TD) CIRC COND FOR LOGS; SHORT TRIP-23 STDS-CIRC SURVEYED AND TOH FOR LOGS
88 MAR 10	LOGGING W/WELEX; LOGGING TOOLS STOPPED AT 1050' SHORT TRIP TO 1600' TO WIPE OUT BRIDGE LOGGING; SDL/DSN/GR/CAL/MICROLOG LOGGING; RAN DIGL/GR/SP TIH TO COND FOR CSG CIRC LDDP & DC RU CASERS RUN 5-1/2" CASING CIRC AND COND FOR CEMENT CEMENT 5-1/2" CASING NO BOP; CUT OFF CSG; SET SLIPS; CLEAN MUD PITS; RELEASED

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