

* AMENDED 9-27-88

SIDE ONE

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 SOLD ON SPOT MARKET---TRANSPORTED BY
ENRON CORP. 2223 DODGE STREET
OMAHA, NEB 68102

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

Contractor: License # 5141
Name ZENITH DRILLING CORP.

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

Designate Type of Completion
XX New Re-Entry Workover

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

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

WELL HISTORY

Drilling Method:
XX Mud Rotary Air Rotary Cable

7-13-87 7-15-87 8-18-87
Spud Date Date Reached TD Completion Date

2835' 2822'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 629 feet
Multiple Stage Cementing Collar Used? Yes XX 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- 189-21096

COUNTY STEVENS

SE NW NW Sec 6 Twp 32S Rge 35 East
X West

4020.74 Ft North from Southeast Corner of Section
3903.94 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

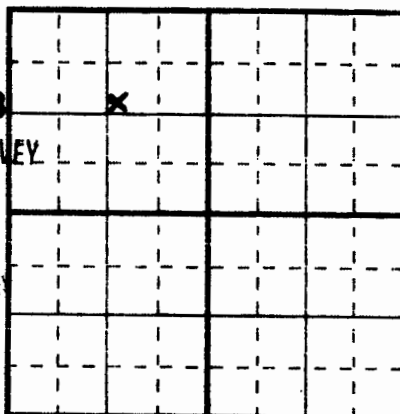
Lease Name BROWNELL #1 UNIT WELL # 3

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3035' KB 3046'

SECTION PLAT



WATER SUPPLY INFORMATION

Disposition of Produced Water: XX Disposal
Docket # CD-57811 Repressuring

Questions on this portion of ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit# T87-280

XX Groundwater 645 Ft. North from Southeast Corner
(well) 825 Ft. West from Southeast Corner of
Sec 12 Twp 32S 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

Title REGULATORY COMPLIANCE MANAGER Date 9-27-88

Subscribed and sworn to before me this 27th day of September

Notary Public

Date Commission Expires 1/3/91

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

KCC SMD/Rep NGPA
X KGS Plug Other
(Specify)

SIDE TWO

Operator Name MOBIL OIL CORPORATIONLease Name BROWNELL #1 UNIT Well # 3Sec 6 Twp 32S Rge 35 XX East
XX WestCounty 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 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
TALOGA		859'
GLORIETTA	1302'	1453'
STONE CORRAL	1758'	1816'
CHASE	2621'	
UPPER KRIDER	2649'	
LOWER KRIDER	2680'	
WINFIELD	2727'	
TOWANDA	2782'	

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#	629'	CL H	200 SX	+12% GEL, +3% CACL ₂
					CL H	100 SX	+3% CACL ₂
Production	7-7/8"	5-1/2"	14#	2835'	CL H	318 SX	65:35:6
					CL H	125 SX	+2% GEL

PERFORATION RECORD

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

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
2 SPF	2649'-2656', 2600'-2664'	2649'-
2 SPF	2680'-2712'	2805' O.A.
2 SPF	2729'-2761'	
2 SPF	2782'-2805'	

TUBING RECORD Size 2-3/8" Set At 2800' Packer At NONE

Liner Run XX Yes XX No

Date of First Production

Producing Method

6-15-88

XX Flowing XX Pumping XX Gas Lift XX Other (explain)Estimated Production
Per 24 Hours

Oil

Gas

Water

Gas-Oil Ratio

Gravity

0 Bbls800 MCF0 BblsXX CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: XX VentedXX Open Hole XX PerforationXX SoldXX Other (Specify)XX Used on Lease

2649'-2805' O.A.

XX Dually Completed
XX Commingled

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 ENRAN CORP.

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

Contractor: License # 5141
Name ZENITH DRILLING CORP.

Wellsite Geologist J.M. RAYMAN
Phone 303-298-3206

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

7-13-87... 7-15-87... 8-18-87...
Spud Date Date Reached TD Completion Date

2835' 2822'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 629 feet
Multiple Stage Cementing Collar Used? Yes ☒ No

API NO. 15-189-21096

County STEVENS

SE NW Sec 6 Twp 32S Rge 35 East
West

4020.74 Ft North from Southeast Corner of Section
3903.94 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

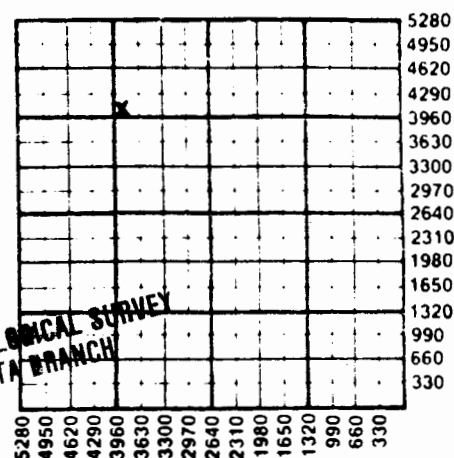
Lease Name BROWNELL #1 UNIT Well #3

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3035' KB 3046'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # N/A Repressuring

NO WATER TO DISPOSE OF

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit # T.87-280...

☒ Groundwater 645 Ft North from Southeast Corner
(Well) 825 Ft West from Southeast Corner of
Sec 12 Twp 32S Rge 36 East ☒ West

Surface Water... Ft North from Southeast Corner

TUBING RECORD		Size NONE	Set At	Packer at	Liner Run	☐ Yes ☒ No
Date of First Production		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....				
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity
		Bbls	621 MCF	0 Bbls	CFPB	

AWAITING PIPELINE CONNECTION

Logs and drillers time log shall be attached with this form. Submit OP-4 form with

SIDE TWO

Operator Name MOBILE OIL CORP. Lease Name BRANNELL #1 UNIT Well 1.23Sec. 6 Twp. 32S Rge. 35 ☐ East ☒ West County STEVENSON

WELL LOG

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold☐ Open Hole ☒ Perforation ☐ Other (Specify)2649'-2805'

Drill Stem Tests Taken

☐ Yes☒ No

Samples Sent to Geological Survey

☒ Yes☐ No

Cores Taken

☐ Yes☒ No

Formation Description

☒ Log☐ Sample

Name

Top

Bottom

B/TALOGA	859	
T/GLORIETTA	1302	
B/GLORIETTA	1453	
T/STONE CORRAL	1758	
B/STONE CORRAL	1816	
T/CHASE	2621	
T/U. KRIDER	2649	
T/L KRIDER	2680	
T/WINFIELD	2727	
T/TOMANDA	2782	
TD DRILLERS	2835	

*ACIDZ W/15% HCL ACID @ 500 GALS PER 10'
 FLUSH W/2% KCL #20; TOTAL 5000 GALS ACID
 FRAC'D W/100,000 GALS 75Q N2 FOAM SYSTEM
 (15% FE HCL, 5 GAL/1000 HC-2, 1 GAL/1000 HAI-60)
 FLUSH W/75Q N2 FOAM + 2% KCL #20
 BASE FLUID: 15% FE ACID
 TOTAL N2 USED: 1,138,300 SCF
 TOTAL FLUID PUMPED: 623.8 BBLS

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#	629'	CLH	200	12% GEL, 3% CAC-2
PRODUCTION.....	7-7/8"	5-1/2"	14#	2835'	CLH	318	3% CAC-2
					CLH	25	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
2 S.F.	2782-2835		2835'
(196 H.S.F.)	2729-2761		2805'
	2680-2712		
	2660-2664		
	2649-2656		