

* 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 SOLO 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 ___ SWD ___ Temp Abd
XX Gas ___ Inj ___ Delayed Comp
___ Dry ___ Other (Core, Water Supply, etc.)
If OWM: 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 PBD AI

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- 189-21096-0000

COUNTY STEVENS
SE NW NW Sec 6 Twp 32S Rge 35 X 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)

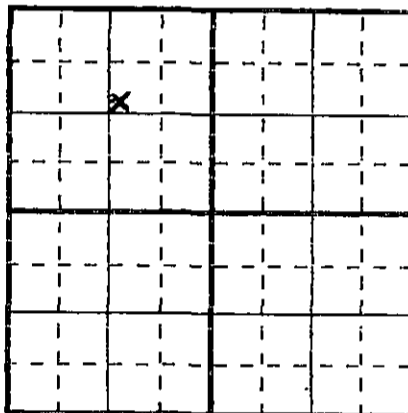
Lease Name BROWNELL #1 UNIT WELL # 3

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3035' KB 3046'

SECTION PLAT



WATER SUPPLY INFORMATION

Disposition of Produced Water: ___ 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. #)

RECEIVED
STATE CORPORATION COMMISSION
9-30-88

SEP 30 1988

CONSERVATION DIVISION
Wichita, Kansas

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 from 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.

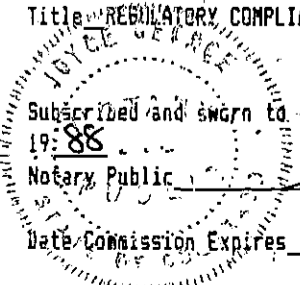
Signature B. R. Maynard B. R. MAYNARD QCS

Title REGULATORY COMPLIANCE MANAGER Date 9-27-88

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

19: 88
Notary Public Joyce George

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 ___ SWD/Rep ___ NGPA
 KGS ___ Plug ___ Other
(Specify)
9-30-88 X

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name BROWNELL #1 UNIT Well # 3

Sec 6 Twp 32S 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 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' DA
2 SPF	2729'-2761'	
2 SPF	2782'-2805'	

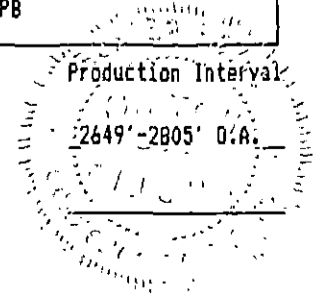
TUBING RECORD Size 2-3/8" Set At 2800' Packer At NONE Liner Run XX Yes XX No

Date of First Production 6-15-88 Producing Method XX Flowing XX Pumping XX Gas Lift XX Other (explain)

Estimated Production Per 24 Hours
 Oil 0 Bbls Gas 800 MCF Water 0 Bbls Gas-Oil Ratio XX CFPB Gravity

METHOD OF COMPLETION

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



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

API NO. 15-189-21096
County STEVENS
SE NW NW Sec. 6 Twp 32S Rge 35 East
West

Operator: License # 5208
Name Mobil Oil Corporation
Address P.O. Box 5444
City/State/Zip Denver, CO 80217

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)

Purchaser ENRAN CORP.

Lease Name BROWNELL #1 UNIT Well # 3

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

Field Name HUGATON

Producing Formation CHASE

Contractor: License # 5141
Name ZENITH DRILLING CORP.

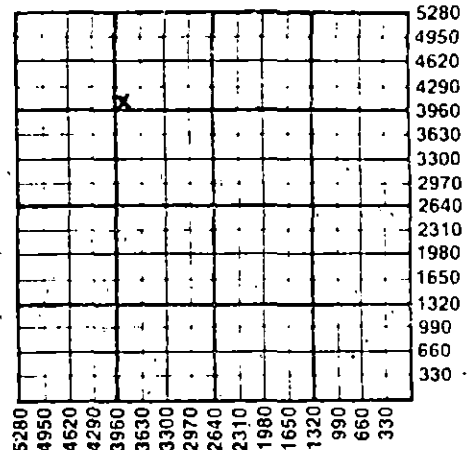
Elevation: Ground 3035' KB 3046'

Wellsite Geologist J.M. RAYMAN
Phone 303-298-3706

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

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

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

X 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
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:
X 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 X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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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

Subscribed and sworn to before me this 27 day of October 1987
Notary Public
Date Commission Expires December 10 1988

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS RECEIVED Other
STATE CORPORATION COMMISSION (Specify)
OCT 30 1987
10-30-87

Sec 12 Twp 32S Rge 35

Operator Name MOBIL OIL CORP. Lease Name BROWNELL #1 UNIT Well # 3

Sec. 6 Twp. 32 S Rge. 35 East West County STEVENSON

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
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/TOWANDA	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'	CPH	200	12% GEL, 3% CAC #2
PRODUCTION	7-7/8"	5-1/2"	14#	2835'	CPH	318	3% CAC #2, 65% 35.6 H.P. 2% GEL, FLA
					CPH	125	2% GEL

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

2 S.F. (196 PERFS)	2782-2805					2649'-2805'
	2729-2761					
	2680-2712					
	2660-2664					
	2649-2656					

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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
		621	0		

AWAITING PIPELINE CONNECTION

METHOD OF COMPLETION Production Interval

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

2649'-2805'