KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 5208
Name: Exxon Mobil Oil Corporation *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: Duke Energy Trading & Marketing
Operator Contact Person: Kitty Birt
Phone: (713) 431-1898

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 09 2002
CONSERVATION DIVISION
WICHITA, KS

Contractor: Name: DOWELL
License: N. A.
Wellsite Geologist: N. A.

Designate Type of Completion:
___ New Well ___ Re-Entry ✓ Workover (refrac)
___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
✓ Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: Mobil Oil Corporation
Well Name: Brown #1-FF Unit, Well # 3
Original Comp. Date: 08/12/1987 Original Total Depth: 6390
XXX FRACTURE TREATED
___ Deepening ___ Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back 2860 Plug Back Total Depth
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Enhr.?) Docket No.

01/19/2002 Date of START OF WORKOVER
08/09/1987 Date Reached TD
01/23/2002 Completion Date of WORKOVER

API No. 15 - 189-21097-0004
County: Stevens
C NW SW Sec. 16 Twp. 32 S. R. 35 ☐ East ☑ West
1980 feet from (S) N (circle one) Line of Section
635 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)

Lease Name: Brown #1 FF Unit Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3009 Kelly Bushing: 3019
Total Depth: 6390 Plug Back Total Depth: 2860
Amount of Surface Pipe Set and Cemented at 1789 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set N. A. Feet
If Alternate II completion, cement circulated from N. A.
feet depth to N. A. w/ N. A. sx cmt.

Drilling Fluid Management Plan REWORK JH 6/05/02
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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: Kitty Birt
Title: Completions Admin Date: May 2, 2002
Subscribed and sworn to before me this 2ND day of MAY, 2002.
Notary Public: Dorrie L. Hall
Date Commission Expires: 5/18/05

DORRIE L. HALL
Notary Public, State of Texas
My Commission Expires
MAY 18, 2005

KCC Office Use ONLY
___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution
IOG

Side Two

Operator Name: Exxon Mobil Oil Corporation * Lease Name: Brown #1 FF Unit Well #: 3

Sec. 16 Twp. 32 S. R. 35 ☐ East ☑ West County: Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

~~Cores Taken~~ ~~☐ Yes ☑ No~~

Electric Log Run (Submit Copy) ☐ Yes ☐ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

NO CHANGE

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	1789	CL-C	640	65:35:6+2%CC2
					CL-C	100	+2% CACL2
Production	7-7/8	5-1/2	14	3196	CL-H	670	50:50 poz+2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2700-2720	frac w/ 80Q N2 foam @ plus/minus 80 BPM	

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr. (See G-2)

Producing Method ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease (If vented, Sumit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled 2700

☐ Other (Specify) 2720