

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

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

RECEIVED

Operator Contact Person: Kitty Birt

KANSAS CORPORATION COMMISSION

Phone: (713) 431-1898

MAY 09 2002

Contractor: Name: DOWELL

License:

Wellsite Geologist: N. A.

CONSERVATION DIVISION

Designate Type of Completion:

WICHITA, KS

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: Broadhurst #3 Unit Well # 6

Original Comp. Date: 04/16/1997 Original Total Depth: 2815

XXX FRACTURE TREATED

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back 2762 Plug Back Total Depth

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Enhr.?) Docket No.

01/04/2002 03/16/1997 01/12/2002

Date of START Date Reached TD Completion Date of

OF WORKOVER

WORKOVER

API No. 15 - 093-21528 - 0001

County: Kearny

NW SE NE Sec. 36 Twp. 26 S. R. 37 East West2040 3630 feet from S / N (circle one) Line of Section1250 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Broadhurst #3 Unit Well #: 6

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 3081 Kelly Bushing: 3090

Total Depth: 2815 Plug Back Total Depth: 2762

Amount of Surface Pipe Set and Cemented at 764 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

(Data must be collected from the Reserve Pit)

REWORK 9/16/02

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: *April 24, 2002*

Subscribed and sworn to before me this 24th day of April,

2002

Notary Public: *Kim Lynch*

Date Commission Expires: Aug 26, 2002



KIM LYNCH

NOTARY PUBLIC, STATE OF TEXAS

KCC Office Use ONLY

Letter of Confidentiality Attached ONIf Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

TOD

Operator Name: Exxon Mobil Oil Corporation * Lease Name: Broadhurst #3 Unit Well #: 6
 Sec. 36 Twp. 26 S. R. 37 East West County: Kearny

STUDY LOGS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time to 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name DRILLER	Top
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Datum	
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SAME	
List All E. Logs Run:		2000 20 YAM	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 Casing	12.250	8.625	24	764	Class C	150	50:50 c/poz
Production Casing	7.875	5.500	14	2806	Class C	175	3% D79
					Class C	75	2% B28

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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	2630-2844, 2580-2590, 2524-2534, 2478-2488 <i>2644</i>	Frac w/ 80Q N2 foam @ plus/minus 80 BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. (See G-2)	Producing Method	<input checked="" type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> 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
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	2478 <i>2844 2644</i>