

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
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: Madden #2, Unit, Well #4

Original Comp. Date: 02/09/1995 Original Total Depth: 2949
*** FRACTURE TREATED
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back 2894 Plug Back Total Depth
☐ Commingled Docket No.
☐ Dual Completion Docket No.
☐ Other (SWD or Enhr.?) Docket No.

07/27/2001 01/11/1995 08/02/2001
DATE OF START DATE REACHED TD COMPLETION DATE OF
OF WORKOVER WORKOVER

API No. 15 - 189-21839-0001
County: Stevens
NW SE NE Sec. 11 Twp. 33 S. R. 37 ☐ East ☒ West
1390 feet from S N (circle one) Line of Section
1250 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Madden #2 Unit Well #: 4
Field Name: Hugoton

Producing Formation: Chase
Elevation: Ground: 3078 Kelly Bushing: 3089
Total Depth: 2949 Plug Back Total Depth: 2894
Amount of Surface Pipe Set and Cemented at 650 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 cmf.

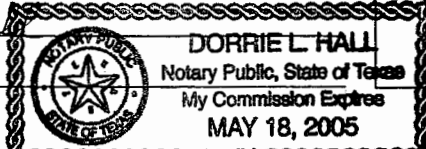
Drilling Fluid Management Plan REWORK JH 6/05/02
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used

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 A. Birt
Title: Completions Admin. Date: April 30 2002
Subscribed and sworn to before me this 30th day of April,
2002.

Notary Public: Dorrie L. Hall
Date Commission Expires: 5/18/05


KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

LOG

Operator Name: Exxon Mobil Oil Corporation * Lease Name: Madden #2 Unit Well #: 4
 Sec. 11 Twp. 33 S. R. 37 ☐ 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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No
 (Submit Copy)

List All E. Logs Run:

Formation (Top), Depth and Datum	Top	Datum
Glorietta	1207	1374
Stone Corral	1676	1738
Chase	2572	2906
Council Grove	2906	-

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 Casing	12.250	8.625	24	650	Class C	325	50:50 c/poz
Production Casing	7.875	5.500	14	2939	Class C	270	3% D79
					Class C	150	2% B28

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 spf	2602-2612 ✓	frac w/ 80Q N2 foam @ plus/minus 80 BPM	
1 spf	2642-2662 ✓		
2 spf	2685-2695 ✓		
1 spf	2702-2708, 2742-2757, 2767-2777, 2790-2800 ✓		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. (See G-2)	Producing Method <input 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 ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____ Production Interval 2602
2800