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OCT 08 2001

KCC WICHITA

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

ORIGINAL

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: Evelyn Boutte'
 Phone: (713) 431-1446
 Contractor: Name: DOWELL
 License: N. A.
 Wellsite Geologist: N. A.
 Designate Type of Completion:
 New Well Re-Entry Workover (Refrac)
 Oil SWD SLOW 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: Mann #2 Ut., Well #4
 Original Comp. Date: 10/21/97 Original Total Depth: 2,930
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
XXX FRACTURE STIMULATE
3/28/01 04/06/01
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

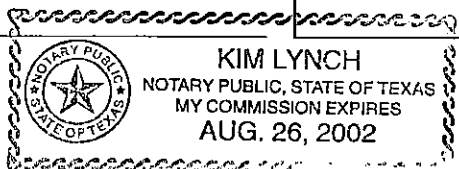
API No. 15 - 189-22206-0001
 County: Stevens
NE, SW, SW Sec. 6 Twp. 33 S. R. 35 East West
1,250 feet from (S) N (circle one) Line of Section
1,250 feet from E (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: Mann #2 Ut. Well #: 4
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 2,990 Kelly Bushing: 2,999
 Total Depth: 2,930 Plug Back Total Depth: 2,860
 Amount of Surface Pipe Set and Cemented at 651 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 JGH 10/25/01
 (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: Evelyn Boutte
 Title: Staff Admin. Assr. Date: 10/5/01
 Subscribed and sworn to before me this 5th day of October,
2001.
 Notary Public: Kim Lynch
 Date Commission Expires: Aug. 26, 2002

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



X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: Mann #2 Ut. Well #: 4
 Sec. 6 Twp. 33 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Glorietta</td> <td>1,230</td> <td></td> </tr> <tr> <td>Stone Corral</td> <td>1,702</td> <td></td> </tr> <tr> <td>Sumner</td> <td>2,236</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>2,952</td> <td></td> </tr> </table>	Name	Top	Datum	Glorietta	1,230		Stone Corral	1,702		Sumner	2,236		Council Grove	2,952	
Name	Top	Datum														
Glorietta	1,230															
Stone Corral	1,702															
Sumner	2,236															
Council Grove	2,952															

CASING RECORD <input checked="" 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	12.250	8.625	24	651	CI C	375	50:50 C/POZ
Production	7.875	5.500	14	2,920	CI C	325	3%D79, 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	2,614 - 2,786	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
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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 <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	Production Interval <u>2,614 - 2,786</u>
	<input type="checkbox"/> Other (Specify) _____	OBICOMVT

Schlumberger	Customer: Exxon Mobil District: ULYSSES Representative: Richard Leiws DS Supervisor: Dave Brawley Well: Mann 2-4
Job Date: 04-02-2001	

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
04:02:2001:14:11:50	41	0.0	0.0	0.0	0.0
04:02:2001:14:12:30	3419	0.0	0.0	0.0	0.0
04:02:2001:14:13:10	3214	0.0	0.0	0.0	0.0
04:02:2001:14:13:50	3154	0.0	0.0	0.0	0.0
04:02:2001:14:14:30	3113	0.0	0.0	0.0	0.0
04:02:2001:14:15:10	3085	0.0	0.0	0.0	0.0
04:02:2001:14:15:50	3062	0.0	0.0	0.0	0.0
04:02:2001:14:16:30	3053	0.0	0.0	0.0	0.0
04:02:2001:14:17:10	3040	0.0	0.0	0.0	0.0
04:02:2001:14:17:50	3026	0.0	0.0	0.0	0.0
04:02:2001:14:18:30	3021	0.0	0.0	0.0	0.0
04:02:2001:14:19:10	3017	0.0	0.0	0.0	0.0
04:02:2001:14:19:50	2989	0.0	0.0	0.0	0.0
04:02:2001:14:21:10	2985	0.0	0.0	0.0	0.0
04:02:2001:14:22:30	2980	0.0	0.0	0.0	0.0
04:02:2001:14:23:50	2975	0.0	0.0	0.0	0.0
04:02:2001:14:24:30	2971	0.0	0.0	0.0	0.0
04:02:2001:14:25:10	2966	0.0	0.0	0.0	0.0
04:02:2001:14:28:30	2971	0.0	0.0	0.0	0.0
04:02:2001:14:29:50	110	0.0	0.0	0.0	0.0
04:02:2001:14:30:30	137	0.0	0.0	0.0	0.0
04:02:2001:14:31:10	146	0.0	0.0	0.0	0.0
04:02:2001:14:31:50	156	0.0	0.0	0.0	0.0
04:02:2001:14:32:30	165	0.0	0.0	0.0	0.0
04:02:2001:14:33:10	174	0.0	0.0	0.0	0.0
04:02:2001:14:33:50	183	0.0	0.0	0.0	0.0
04:02:2001:14:34:30	192	0.0	0.0	0.0	0.0
04:02:2001:14:35:10	197	0.0	0.0	0.0	0.0
04:02:2001:14:35:32	Started PAD				
04:02:2001:14:35:32	201	0.0	0.0	0.0	0.0
04:02:2001:14:35:50	14	2.6	0.0	0.0	0.0
04:02:2001:14:36:30	27	2.5	1.7	0.0	0.0
04:02:2001:14:37:10	220	7.8	6.0	29.5	4.6
04:02:2001:14:37:50	517	7.8	11.2	32.2	13.6
04:02:2001:14:38:22	Stage at Perfs: PAD				
04:02:2001:14:38:22	737	7.8	15.3	32.2	20.9
04:02:2001:14:38:30	769	7.8	16.4	32.1	22.7
04:02:2001:14:39:10	1227	12.8	22.3	58.1	34.4
04:02:2001:14:39:50	1831	15.9	32.6	64.0	52.2
04:02:2001:14:40:30	2197	15.9	43.2	64.0	70.3
04:02:2001:14:41:10	2133	16.0	53.9	64.0	88.4
04:02:2001:14:41:50	2074	16.0	64.5	64.1	106.5
04:02:2001:14:42:30	2101	16.0	75.2	64.1	124.6
04:02:2001:14:43:10	2078	16.0	85.8	64.0	142.7
04:02:2001:14:43:50	1923	16.1	96.4	5.0	159.5

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Well: Mann 2-4

Job Date: 04-02-2001

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
04:02:2001:15:56:45	37	0.1	0.0	0.0	159.5
04:02:2001:15:57:01	2957	0.0	0.3	0.0	159.5
04:02:2001:15:57:41	2806	0.0	0.3	0.0	159.5
04:02:2001:15:58:21	46	0.3	0.3	0.0	159.5
04:02:2001:15:59:01	18	1.5	1.1	0.0	159.5
04:02:2001:17:54:57	Pressure Test Lines				
04:02:2001:17:54:57	5	1.8	0.5	78.9	167.8
04:02:2001:17:55:01	14	1.8	0.6	79.9	170.1
04:02:2001:17:55:41	485	0.0	1.0	79.7	192.5
04:02:2001:17:56:21	2737	0.0	1.0	80.3	192.5
04:02:2001:17:57:01	3122	0.0	1.0	78.8	192.5
04:02:2001:17:57:41	220	0.5	1.0	79.3	192.5
04:02:2001:17:58:21	252	0.0	1.0	79.0	192.5
04:02:2001:17:58:29	Started Pumping				
04:02:2001:17:58:29	Reset All Totals				
04:02:2001:17:58:29	366	0.0	1.0	79.1	192.5
04:02:2001:17:59:01	362	0.0	0.0	79.1	17.8
04:02:2001:17:59:41	348	0.0	0.0	78.4	39.9
04:02:2001:18:00:21	517	15.3	4.1	22.7	57.5
04:02:2001:18:01:01	1103	15.8	14.8	61.0	71.1
04:02:2001:18:01:41	1602	15.7	25.3	63.8	88.9
04:02:2001:18:02:21	1845	15.7	35.7	63.9	107.0
04:02:2001:18:03:01	1982	16.0	46.3	64.0	125.1
04:02:2001:18:03:41	2092	16.1	57.0	64.0	143.2
04:02:2001:18:04:21	2115	16.1	67.7	64.0	161.2
04:02:2001:18:05:01	2110	16.2	78.4	64.1	179.3
04:02:2001:18:05:41	2101	16.2	89.2	63.8	197.4
04:02:2001:18:06:21	2133	16.3	100.1	63.9	215.5
04:02:2001:18:07:01	2119	16.3	110.9	63.9	233.5
04:02:2001:18:07:41	2087	16.3	121.8	63.9	251.6
04:02:2001:18:08:21	2060	16.2	132.6	63.9	269.7
04:02:2001:18:09:01	1973	16.1	143.4	64.0	287.8
04:02:2001:18:09:41	1923	15.9	154.1	64.0	305.8
04:02:2001:18:10:21	1913	15.9	164.7	64.0	323.9
04:02:2001:18:11:01	1886	15.9	175.3	64.0	342.0
04:02:2001:18:11:41	1881	15.9	186.0	64.0	360.1
04:02:2001:18:12:21	1854	15.9	196.6	64.0	378.2
04:02:2001:18:13:01	1840	15.9	207.3	64.0	396.3
04:02:2001:18:13:41	1845	15.9	217.9	64.0	414.3
04:02:2001:18:14:21	1836	15.9	228.5	64.0	432.4
04:02:2001:18:15:01	1822	15.9	239.2	64.0	450.5
04:02:2001:18:15:41	1817	15.9	249.8	64.0	468.6
04:02:2001:18:16:21	1836	16.0	260.4	64.0	486.7
04:02:2001:18:17:01	1826	15.9	271.1	64.0	504.8
04:02:2001:18:17:41	1804	16.0	281.7	63.9	522.9
04:02:2001:18:18:21	1804	16.0	292.4	63.9	540.9
04:02:2001:18:19:01	1804	16.0	303.1	63.9	559.0
04:02:2001:18:19:41	1808	15.9	313.7	63.9	577.1
04:02:2001:18:20:21	1804	15.9	324.3	64.0	595.2
04:02:2001:18:21:01	1799	15.9	335.0	64.0	613.3
04:02:2001:18:21:41	1813	15.9	345.6	64.0	631.4
04:02:2001:18:22:21	1804	16.0	356.2	64.0	649.5

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Well: Mann 2-4

Job Date: 04-02-2001

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
04:02:2001:18:23:01	1813	15.9	366.9	63.9	667.5
04:02:2001:18:23:41	1813	15.9	377.5	64.0	685.6
04:02:2001:18:24:21	1804	16.0	388.1	64.0	703.7
04:02:2001:18:25:01	1813	15.9	398.8	64.0	721.8
04:02:2001:18:25:41	1808	15.9	409.4	64.0	739.9
04:02:2001:18:26:21	1790	15.9	420.0	63.9	758.0
04:02:2001:18:27:01	1808	15.9	430.7	63.9	776.1
04:02:2001:18:27:41	1785	15.9	441.3	64.0	794.2
04:02:2001:18:28:21	1785	15.9	451.9	64.0	812.3
04:02:2001:18:29:01	1799	15.9	462.6	64.0	830.3
04:02:2001:18:29:41	1785	15.9	473.2	63.9	848.4
04:02:2001:18:30:21	1790	15.9	483.8	64.0	866.5
04:02:2001:18:31:01	1799	15.9	494.4	64.0	884.6
04:02:2001:18:31:41	1794	15.9	505.1	64.0	902.7
04:02:2001:18:32:21	1776	15.9	515.7	64.0	920.8
04:02:2001:18:33:01	1790	15.9	526.3	64.0	938.9
04:02:2001:18:33:41	1785	15.9	537.0	64.0	957.0
04:02:2001:18:34:21	1767	15.9	547.6	64.0	975.1
04:02:2001:18:34:31 Started Flush Automatically					
04:02:2001:18:34:31	1749	10.0	550.2	64.0	979.6
04:02:2001:18:35:01	1588	0.0	550.3	64.0	993.1
04:02:2001:18:35:32 Stage at Perfs Flush					
04:02:2001:18:35:32	1588	0.0	550.3	64.0	1007.2
04:02:2001:18:35:41	1414	0.0	550.3	0.0	1009.1
04:02:2001:18:36:21	1263	0.0	550.3	0.0	1009.1
04:02:2001:18:37:01	1231	0.0	550.3	0.0	1009.1
04:02:2001:18:37:41	1218	0.0	550.3	0.0	1009.1
04:02:2001:18:38:21	549	0.0	550.3	0.0	1009.1
04:02:2001:18:39:01	37	0.0	550.3	0.0	1009.1

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