

**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

**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: Kitty Birt  
Phone: (713) 431-1898  
Contractor: Name: DOWELL SCHLUMBERGER  
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: Bunton Unit # 2, Well # 4

Original Comp. Date: 03/17/1995 Original Total Depth: 2975  
 **HYDRAULICALLY FRACTURED**  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 2921 Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

02/05/01 02/11/1995 02/06/2001  
~~Spud~~ Date of **START** Date Reached TD Completion Date of  
**OF WORKOVER** **WORKOVER**

API No. 15 - 189-21889 -0001  
County: Stevens  
SW NE NE Sec. 4 Twp. 32 S. R. 36  East  West  
1250 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: Bunton # 2 Unit Well #: 4  
Field Name: Hugoton

Producing Formation: Chase  
Elevation: Ground: 3055 Kelly Bushing: 3067  
Total Depth: 2975 Plug Back Total Depth: 2921  
Amount of Surface Pipe Set and Cemented at 621 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 cm.

Drilling Fluid Management Plan REWORK JK 4/26/02  
(Data must be collected from the Reserve Pit)  
Chloride content N. A. ppm Fluid volume N. A. bbls  
Dewatering method used RECEIVED  
Location of fluid disposal if hauled offsite: 4-08-02  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S.  East  West  
County: \_\_\_\_\_ Docket No.: WICHITA, KS

**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: 4-2-02  
Subscribed and sworn to before me this 2nd day of April  
2002  
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**

**KIM LYNCH**  
NOTARY PUBLIC, STATE OF TEXAS  
MY COMMISSION EXPIRES  
**AUG. 26, 2002**

X

Operator Name: Exxon Mobil Oil Corporation \* Lease Name: Bunton # 2 Unit Well #: 4  
 Sec. 4 Twp. 32 S. R. 36  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>1330</td> <td>1510</td> </tr> <tr> <td>Stone Corral</td> <td>1795</td> <td>1860</td> </tr> <tr> <td>Chase</td> <td>2645</td> <td>--</td> </tr> <tr> <td>Council Grove</td> <td>--</td> <td>--</td> </tr> </table>	Name	Top	Datum	Glorietta	1330	1510	Stone Corral	1795	1860	Chase	2645	--	Council Grove	--	--
Name	Top	Datum														
Glorietta	1330	1510														
Stone Corral	1795	1860														
Chase	2645	--														
Council Grove	--	--														

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	12-1/4	8-5/8	24	621	CL-C	325	50:50 C/POZ
Production	7-7/8	5-1/2	14	2965	CL-C	225 150	3% D 79 2% B 28


ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	Depth
1 spf.	2684-2694; 2728-2738; 2758-2768	Frac. w/ 80Q N2 foam @ plus/minus 80 BPM	
1 spf.	2774-2780, 2822-2838, 2758-2768		
2 spf.	2647-2653; 2710-2720		

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. <b>(See G-2)</b>		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>		
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 <input type="checkbox"/> Other <i>(Specify)</i>	Production Interval <u>2647</u> <u>2838</u>
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# ORIGINAL

 <b>Schlumberger</b> <b>Dowell</b>	Customer: Exxon Mobil
	District: ULYSSES
	Representative: Richard Lewis
	DS Supervisor: Dave Brawley
	Well: Bunton 2-4
Job Date: 02-06-2001	

Time hh:mm:ss	TR PRESS psi	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT INJ bbl
10:15:21	0	0.0	0.0	0	0.0	0.0
10:15:36	Started Pad					
10:15:36	398	0.0	0.0	0	0.0	0.0
10:15:51	545	0.0	0.0	0	0.0	0.0
10:16:21	-5	19.5	20.3	0	2.1	2.0
10:16:51	179	28.8	7.1	11318	7.4	13.7
10:17:21	293	40.0	7.8	13627	11.2	32.6
10:17:39	Stage at Perfs: Pad					
10:17:39	389	40.0	7.8	13627	15.2	52.6
10:17:51	444	40.0	7.8	13627	17.5	64.5
10:18:21	476	40.0	7.7	13627	19.1	72.5
10:18:51	742	72.1	12.9	25289	23.9	101.8
10:19:21	1089	77.0	16.0	25889	31.7	139.6
10:19:51	1341	77.1	16.0	25933	39.7	178.2
10:20:21	1524	78.7	16.0	26794	47.7	216.7
10:20:51	1648	81.2	16.0	27626	55.7	257.5
10:21:21	1680	80.8	16.0	27442	63.7	298.1
10:21:51	1685	80.6	16.0	27394	71.7	338.4
10:22:21	1685	80.4	16.0	27314	79.7	378.7
10:22:51	1675	80.4	16.0	27294	87.7	418.9
10:23:21	1657	80.4	16.0	27314	95.7	459.1
10:23:51	1648	80.4	16.0	27326	103.7	499.3
10:24:21	1643	80.5	16.0	27354	111.7	539.5
10:24:51	1639	80.6	16.0	27374	119.7	579.8
10:25:21	1639	80.6	16.0	27394	127.7	620.1
10:25:51	1630	80.6	16.0	27394	135.7	660.4
10:26:21	1630	80.5	16.0	27378	143.7	700.7
10:26:51	1630	80.6	16.0	27382	151.7	741.0
10:27:21	1630	80.5	16.0	27354	159.7	781.3
10:27:51	1630	80.5	16.0	27354	167.7	821.5
10:28:21	1630	80.5	16.0	27354	175.7	861.8
10:28:51	1625	80.4	16.0	27294	183.7	902.0
10:29:21	1620	80.4	16.0	27294	191.7	942.2
10:29:51	1620	80.4	16.0	27294	199.8	982.4
10:30:21	1620	80.4	16.0	27302	207.8	1022.6
10:30:51	1620	80.4	16.0	27314	215.8	1062.8
10:31:21	1616	80.4	16.0	27314	223.8	1103.0
10:31:51	1616	80.4	16.0	27314	231.8	1143.2
10:32:21	1616	80.5	16.0	27354	239.8	1183.5
10:32:51	1616	80.5	16.0	27354	247.8	1223.7
10:33:21	1616	80.5	16.0	27354	255.8	1264.0
10:33:51	1611	80.6	16.0	27374	263.8	1304.3
10:34:21	1611	80.7	16.0	27422	271.8	1344.6
10:34:51	1607	80.8	16.0	27454	279.8	1384.9
10:35:21	1607	80.5	16.0	27362	287.8	1425.3
10:35:51	1607	80.5	16.0	27334	295.8	1465.5
10:36:21	1607	80.5	16.0	27358	303.8	1505.8
10:36:51	1602	80.5	16.0	27354	311.8	1546.0
10:37:21	1602	80.5	16.0	27354	319.8	1586.3
10:37:51	1602	80.6	16.0	27374	327.8	1626.6
10:38:21	1602	80.6	16.0	27378	335.8	1666.9
10:38:51	1598	80.6	16.0	27374	343.8	1707.1

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 08 2002

CONSERVATION DIVISION

# ORIGINAL

Well: Bunton 2-4

Job Date: 02-06-2001

Time hh:mm:ss	TR PRESS psi	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT INJ bbl
10:39:21	1598	80.6	16.0	27382	351.8	1747.4
10:39:51	1598	80.6	16.0	27378	359.8	1787.7
10:40:21	1598	80.6	16.0	27374	367.8	1828.0
10:40:51	1593	80.5	16.0	27334	375.8	1868.3
10:41:21	1593	80.5	16.0	27326	383.8	1908.5
10:41:51	1593	80.5	16.0	27334	391.8	1948.7
10:42:21	1593	80.5	16.0	27354	399.8	1989.0
10:42:51	1593	80.4	16.0	27314	407.8	2029.2
10:43:21	1593	80.4	16.0	27314	415.9	2069.5
10:43:51	1593	80.4	16.0	27318	423.9	2109.7
10:44:21	1593	80.4	16.0	27314	431.9	2149.9
10:44:51	1588	80.4	16.0	27314	439.9	2190.1
10:45:21	1588	80.4	16.0	27294	447.9	2230.3
10:45:51	1588	80.4	16.0	27294	455.9	2270.5
10:46:21	1588	80.4	16.0	27294	463.9	2310.7
10:46:51	1588	80.4	16.0	27294	471.9	2350.9
10:47:21	1584	80.4	16.0	27314	479.9	2391.1
10:47:51	1584	80.4	16.0	27314	487.9	2431.3
10:48:21	1584	80.4	16.0	27314	495.9	2471.5
10:48:51	1584	80.4	16.0	27314	503.9	2511.7
10:49:21	1584	80.5	16.0	27354	511.9	2552.0
10:49:51	1584	80.5	16.0	27354	519.9	2592.2
10:50:21	1579	80.5	16.0	27354	527.9	2632.5
10:50:51	1579	80.5	16.0	27354	535.9	2672.8
10:51:14	<b>Started Flush Automatically</b>					
10:51:14	1579	80.5	16.0	27358	543.9	2713.0
10:51:21	1579	80.5	16.0	27354	550.0	2743.9
10:51:51	1529	64.5	0.0	27354	550.6	2752.3
10:52:15	<b>Stage at Perfs: Flush</b>					
10:52:15	1511	64.5	0.0	27362	550.6	2784.5
10:52:21	1533	64.5	0.0	27354	550.6	2810.3
10:52:41	<b>Shutdown - ISIP</b>					
10:52:41	1492	21.6	0.0	7948	550.6	2813.6
10:52:51	1337	0.0	0.0	0	550.6	2813.6

**RECEIVED**  
KANSAS CORPORATION COMMISSION

APR 08 2002

CONSERVATION DIVISION  
WICHITA, KS