

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

Operator: License # 5208
Name: Exxon Mobil Oil Corporation *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: _____
Operator Contact Person: Beverly Roppolo **RECEIVED**
Phone: (281) 654-1943
Contractor: Name: Key Energy **OCT 20 2003**
License: N. A. **KCC WICHITA**
Wellsite Geologist: N. A.

Designate Type of Completion: REFRAC
 New Well Re-Entry Workover
 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: LEFFLER UNIT, WELL #3
Original Comp. Date: 5-2-88 Original Total Depth: 2910'
 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. _____

<u>5-2-03</u>	<u>3-9-88</u>	<u>5-9-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-21151 - 00 - 01
County: Stevens
NE SWSW Sec. 20 Twp. 31 S. R. 35 East West
1250' FNL feet from S / N (circle one) Line of Section
4036' FWL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: LEFFLER UNIT Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3016' Kelly Bushing: 3027'
Total Depth: 2910 Plug Back Total Depth: 2891
Amount of Surface Pipe Set and Cemented at 757' 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.

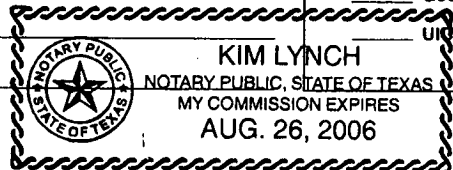
Drilling Fluid Management Plan *OWWO RGR 2/4/08*
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ 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: Beverly Roppolo
Title: Contract Completions Admin Date: 10/15/03
Subscribed and sworn to before me this 15 day of October

2003
Notary Public: Kim Lynch
Date Commission Expires: Aug. 26, 2006



KCC Office Use ONLY

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

X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: LEFFLER UNIT Well #: 3
 Sec. 20 Twp. 31 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>PERMIAN</td> <td>540'</td> <td></td> </tr> <tr> <td>GLORIETTA</td> <td>1262'</td> <td>1438'</td> </tr> <tr> <td>STONE CORRAL</td> <td>1710'</td> <td>1762'</td> </tr> <tr> <td>CHASE (HERRINGTON)</td> <td>2558'</td> <td></td> </tr> <tr> <td>PADDOCK</td> <td>2574'</td> <td></td> </tr> </table>	Name	Top	Datum	PERMIAN	540'		GLORIETTA	1262'	1438'	STONE CORRAL	1710'	1762'	CHASE (HERRINGTON)	2558'		PADDOCK	2574'	
Name	Top	Datum																	
PERMIAN	540'																		
GLORIETTA	1262'	1438'																	
STONE CORRAL	1710'	1762'																	
CHASE (HERRINGTON)	2558'																		
PADDOCK	2574'																		

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#	757'		365	
PRODUCTION	7.875	5.500	14#	2910'		250	

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
	2560' - 2794'	FRAC'D WELL WITH	
		80Q N2 FOAM @ 80BPM	

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.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

Schlumberger	Customer: EXXON MOBIL
	District: PERRYTON
	Representative: MR. RICHARD LEWIS
	DS Supervisor: HUMAIR SHAIKH
	Well: Leffler #3
Job Date: 05-06-2003	

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	INJ RATE bbl/min	TOT SLUR bbl	TOT INJ bbl
05:06:2003:12:11:22	2	0.0	0	0.0	0.0	0.0
05:06:2003:12:11:42	19	1.0	0	0.8	0.0	0.0
05:06:2003:12:12:02	39	70.9	0	72.2	0.0	0.0
05:06:2003:12:12:22	37	69.0	0	69.5	0.0	0.0
05:06:2003:12:12:42	13	76.8	0	77.4	0.0	0.0
05:06:2003:12:13:02	13	0.9	0	1.0	0.0	0.0
05:06:2003:12:13:22	29	5.0	0	4.7	0.0	0.0
05:06:2003:12:13:42	134	5.0	0	5.1	0.0	0.0
05:06:2003:12:14:02	18	0.0	0	0.0	0.0	0.0
05:06:2003:12:14:22	20	0.0	0	0.0	0.0	0.0
05:06:2003:12:14:42	20	0.0	0	0.0	0.0	0.0
05:06:2003:12:15:02	20	0.0	0	0.0	0.0	0.0
05:06:2003:12:15:22	154	67.9	0	63.9	0.0	0.0
05:06:2003:12:15:42	557	0.8	0	1.4	0.0	0.0
05:06:2003:12:16:02	511	1.1	0	0.9	0.0	0.0
05:06:2003:12:16:22	450	0.0	0	0.0	0.0	0.0
05:06:2003:12:16:42	209	0.0	0	0.0	0.0	0.0
05:06:2003:12:17:02	213	0.0	0	0.0	0.0	0.0
05:06:2003:12:17:22	208	0.0	0	0.0	0.0	0.0
05:06:2003:12:17:42	209	0.0	0	0.0	0.0	0.0
05:06:2003:12:18:02	211	0.0	0	0.0	0.0	0.0
05:06:2003:12:18:22	213	0.0	0	0.0	0.0	0.0
05:06:2003:12:18:42	209	0.0	0	0.0	0.0	0.0
05:06:2003:12:19:02	5148	0.0	0	0.0	0.0	0.0
05:06:2003:12:19:22	4950	0.0	0	0.0	0.0	0.0
05:06:2003:12:19:42	384	0.0	0	0.0	0.0	0.0
05:06:2003:12:20:02	434	0.0	0	0.0	0.0	0.0
05:06:2003:12:20:22	429	0.0	0	0.0	0.0	0.0
05:06:2003:12:20:42	264	0.0	0	0.0	0.0	0.0
05:06:2003:12:21:02	11	4.0	0	3.7	0.0	0.0
05:06:2003:12:21:12	Started PAD					
05:06:2003:12:21:12	22	4.3	0	4.7	0.0	0.0
05:06:2003:12:21:22	93	6.7	5423	17.3	0.8	1.4
05:06:2003:12:21:42	238	7.9	13537	39.7	3.3	11.7
05:06:2003:12:22:02	313	7.9	13547	39.9	6.0	24.9
05:06:2003:12:22:22	350	7.9	13547	39.9	8.6	38.2
05:06:2003:12:22:42	371	8.0	13567	39.8	11.3	51.5
05:06:2003:12:22:59	Stage at Perfs: PAD					
05:06:2003:12:22:59	409	8.0	13567	39.9	13.5	62.8
05:06:2003:12:23:02	416	7.9	13567	39.9	13.9	64.8
05:06:2003:12:23:22	462	8.0	13567	39.9	16.6	78.1
05:06:2003:12:23:42	719	13.8	23252	67.8	20.1	94.2
05:06:2003:12:24:02	1141	16.0	25863	76.8	25.1	118.3
05:06:2003:12:24:22	1371	15.9	26324	77.8	30.5	144.1
05:06:2003:12:24:42	1589	15.9	26944	79.3	35.8	170.3
05:06:2003:12:25:02	1693	15.9	27024	79.5	41.1	196.7
05:06:2003:12:25:22	1721	16.0	27134	79.8	46.4	223.3
05:06:2003:12:25:42	1754	16.0	27194	80.0	51.7	249.9
05:06:2003:12:26:02	1736	16.0	27064	79.8	57.1	276.6
05:06:2003:12:26:22	1744	16.0	27034	79.7	62.4	303.1
05:06:2003:12:26:42	1769	16.0	27084	79.8	67.8	329.7
05:06:2003:12:27:02	1775	16.1	27204	80.0	73.1	356.3
05:06:2003:12:27:22	1767	16.0	27244	80.1	78.5	383.0
05:06:2003:12:27:42	1795	16.0	27264	80.2	83.8	409.8
05:06:2003:12:28:02	1775	16.1	27274	80.2	89.2	436.5
05:06:2003:12:28:22	1810	16.1	27284	80.2	94.5	463.2
05:06:2003:12:28:42	1777	16.0	27284	80.2	99.8	489.9

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OCT 20 2003
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ORIGINAL

Well: Leffler #3

Job Date: 05-06-2003

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	INJ RATE bbl/min	TOT SLUR bbl	TOT INJ bbl
05:06:2003:12:29:22	1808	16.1	27224	80.0	110.5	543.4
05:06:2003:12:29:42	1768	16.0	27244	80.1	115.9	570.1
05:06:2003:12:30:02	1747	16.0	27244	80.1	121.2	596.8
05:06:2003:12:30:22	1764	16.0	27264	80.2	126.5	623.5
05:06:2003:12:30:42	1736	16.0	27264	80.2	131.9	650.2
05:06:2003:12:31:02	1730	16.0	27284	80.2	137.2	676.9
05:06:2003:12:31:22	1725	16.0	27274	80.2	142.5	703.7
05:06:2003:12:31:42	1687	16.0	27274	80.2	147.9	730.4
05:06:2003:12:32:02	1677	16.0	27304	80.2	153.2	757.1
05:06:2003:12:32:22	1677	16.0	27294	80.3	158.6	783.9
05:06:2003:12:32:42	1688	16.0	27314	80.3	163.9	810.6
05:06:2003:12:33:02	1684	16.0	27294	80.3	169.2	837.4
05:06:2003:12:33:22	1676	16.0	27294	80.3	174.6	864.1
05:06:2003:12:33:42	1669	16.0	27324	80.3	179.9	890.9
05:06:2003:12:34:02	1675	16.0	27254	80.1	185.2	917.6
05:06:2003:12:34:22	1683	16.0	27244	80.1	190.6	944.3
05:06:2003:12:34:42	1689	16.0	27244	80.1	195.9	971.0
05:06:2003:12:35:02	1694	16.0	27254	80.1	201.3	997.7
05:06:2003:12:35:22	1701	16.0	27254	80.1	206.6	1024.4
05:06:2003:12:35:42	1697	16.0	27254	80.1	211.9	1051.2
05:06:2003:12:36:02	1705	16.1	27244	80.1	217.3	1077.9
05:06:2003:12:36:22	1694	16.0	27244	80.2	222.6	1104.6
05:06:2003:12:36:42	1706	16.0	27264	80.2	227.9	1131.3
05:06:2003:12:37:02	1718	16.0	27274	80.2	233.3	1158.0
05:06:2003:12:37:22	1707	16.0	27274	80.2	238.6	1184.7
05:06:2003:12:37:42	1713	16.1	27274	80.1	244.0	1211.5
05:06:2003:12:38:02	1731	16.0	27264	80.2	249.3	1238.2
05:06:2003:12:38:22	1717	16.0	27284	80.2	254.6	1264.9
05:06:2003:12:38:42	1730	16.0	27264	80.2	260.0	1291.7
05:06:2003:12:39:02	1733	16.0	27274	80.2	265.3	1318.4
05:06:2003:12:39:22	1736	16.0	27284	80.3	270.7	1345.1
05:06:2003:12:39:42	1729	16.0	27284	80.2	276.0	1371.9
05:06:2003:12:40:02	1724	16.1	27294	80.2	281.4	1398.6
05:06:2003:12:40:22	1744	16.0	27264	80.2	286.7	1425.4
05:06:2003:12:40:42	1750	16.0	27284	80.3	292.0	1452.1
05:06:2003:12:41:02	1750	16.1	27314	80.3	297.4	1478.9
05:06:2003:12:41:22	1747	16.0	27264	80.2	302.7	1505.6
05:06:2003:12:41:42	1742	16.1	27234	80.1	308.1	1532.3
05:06:2003:12:42:02	1733	16.0	27254	80.2	313.4	1559.0
05:06:2003:12:42:22	1729	16.0	27254	80.2	318.8	1585.8
05:06:2003:12:42:42	1753	16.1	27234	80.1	324.1	1612.5
05:06:2003:12:43:02	1753	16.1	27224	80.0	329.5	1639.2
05:06:2003:12:43:22	1744	16.1	27214	80.1	334.8	1665.9
05:06:2003:12:43:42	1752	16.1	27204	80.0	340.2	1692.6
05:06:2003:12:44:02	1764	16.1	27194	80.0	345.5	1719.2
05:06:2003:12:44:22	1396	0.0	1941	4.4	347.5	1734.7
05:06:2003:12:44:42	1289	0.0	0	0.0	347.5	1735.7
05:06:2003:12:45:02	1234	0.0	0	0.0	347.5	1735.7
05:06:2003:12:45:22	1206	0.0	0	0.0	347.5	1735.7
05:06:2003:12:45:42	1138	0.0	0	0.0	347.5	1735.7
05:06:2003:12:46:02	271	0.0	0	0.0	347.5	1735.7
05:06:2003:12:46:22	56	0.0	0	0.0	347.5	1735.7
05:06:2003:12:46:42	51	0.0	0	0.0	347.5	1735.7
05:06:2003:12:47:02	45	0.0	0	0.0	347.5	1735.7
05:06:2003:12:47:22	43	0.0	0	0.0	347.5	1735.7
05:06:2003:12:47:42	41	0.0	0	0.0	347.5	1735.7
05:06:2003:12:48:02	42	0.0	0	0.0	347.5	1735.7
05:06:2003:12:48:22	39	0.0	0	0.0	347.5	1735.7
05:06:2003:12:48:42	37	0.0	0	0.0	347.5	1735.7
05:06:2003:12:49:02	38	0.0	0	0.0	347.5	1735.7
05:06:2003:12:49:22	69	0.0	0	0.0	347.5	1735.7
05:06:2003:12:49:42	68	0.0	0	0.0	347.5	1735.7
05:06:2003:12:50:02	35	0.0	0	0.0	347.5	1735.7

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OCT 20 2003
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ORIGINAL

Well: Leffler #3

Job Date: 05-06-2003

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	INJ RATE bbl/min	TOT SLUR bbl	TOT INJ bbl
05:06:2003:12:50:22	32	0.0	0	0.0	347.5	1735.7
05:06:2003:12:50:42	34	0.0	0	0.0	347.5	1735.7
05:06:2003:12:51:02	30	0.0	0	0.0	347.5	1735.7
05:06:2003:12:51:22	31	0.0	0	0.0	347.5	1735.7
05:06:2003:12:51:42	32	0.0	0	0.0	347.5	1735.7
05:06:2003:12:52:02	29	0.0	0	0.0	347.5	1735.7
05:06:2003:12:52:22	31	0.0	0	0.0	347.5	1735.7
05:06:2003:12:52:42	29	0.0	0	0.0	347.5	1735.7
05:06:2003:12:53:02	77	0.0	0	0.0	347.5	1735.7
05:06:2003:12:53:22	83	0.0	0	0.0	347.5	1735.7
05:06:2003:12:53:42	85	0.0	0	0.0	347.5	1735.7
05:06:2003:12:54:02	85	0.0	0	0.0	347.5	1735.7
05:06:2003:12:54:22	995	0.0	0	0.0	347.5	1735.7
05:06:2003:12:54:27	Started Pumping					
05:06:2003:12:54:27	989	0.0	0	0.3	347.5	1735.7
05:06:2003:12:54:42	993	3.7	0	2.9	347.8	1735.9
05:06:2003:12:55:02	1025	12.8	0	12.8	351.0	1739.0
05:06:2003:12:55:22	1245	16.0	20341	57.6	355.9	1750.3
05:06:2003:12:55:42	1449	16.1	23972	72.1	361.3	1773.2
05:06:2003:12:56:02	1504	16.1	25213	75.3	366.6	1798.0
05:06:2003:12:56:22	1616	16.0	26744	78.7	372.0	1823.8
05:06:2003:12:56:42	1732	16.0	27034	79.7	377.3	1850.3
05:06:2003:12:57:02	1783	16.0	27174	79.9	382.6	1876.8
05:06:2003:12:57:22	1819	16.0	27194	79.9	387.9	1903.5
05:06:2003:12:57:42	1820	16.0	27224	80.0	393.3	1930.2
05:06:2003:12:58:02	1836	15.9	27244	80.1	398.6	1956.9
05:06:2003:12:58:22	1819	15.9	27264	80.1	403.9	1983.6
05:06:2003:12:58:42	1813	15.9	27254	80.1	409.2	2010.3
05:06:2003:12:59:02	1754	11.6	27264	77.3	414.3	2036.8
05:06:2003:12:59:22	1726	15.8	27284	79.8	419.2	2063.0
05:06:2003:12:59:42	1798	16.0	27274	80.3	424.5	2089.7
05:06:2003:13:00:02	1825	16.1	27314	80.3	429.9	2116.4
05:06:2003:13:00:22	1815	16.1	27324	80.3	435.2	2143.2
05:06:2003:13:00:24	Activated Extend Stage					
05:06:2003:13:00:24	1843	16.0	27314	80.3	435.7	2145.9
05:06:2003:13:00:42	1834	16.0	27334	80.4	440.5	2170.0
05:06:2003:13:01:02	1839	16.0	27334	80.4	445.9	2196.8
05:06:2003:13:01:22	1578	0.0	15158	41.1	449.3	2220.7
05:06:2003:13:01:42	1368	0.0	0	0.0	449.3	2222.5
05:06:2003:13:01:46	Deactivated Extend Stage					
05:06:2003:13:01:46	Started FLUSH Manually					
05:06:2003:13:01:46	1375	0.0	3752	5.3	449.3	2222.6
05:06:2003:13:02:02	1514	0.0	24743	57.4	449.3	2229.9
05:06:2003:13:02:22	1524	0.0	27074	63.7	449.3	2250.6
05:06:2003:13:02:42	1531	0.0	27164	63.9	449.3	2271.9
05:06:2003:13:03:02	1384	0.0	2401	5.9	449.3	2289.4
05:06:2003:13:03:22	1358	0.0	0	0.0	449.3	2289.7
05:06:2003:13:03:23	Shutdown ISIP					
05:06:2003:13:03:23	1356	0.0	0	0.0	449.3	2289.7
05:06:2003:13:03:42	1345	0.0	0	0.0	449.3	2289.7
05:06:2003:13:04:02	1333	0.0	0	0.0	449.3	2289.7
05:06:2003:13:04:22	1328	0.0	0	0.0	449.3	2289.7
05:06:2003:13:04:42	1319	0.0	0	0.0	449.3	2289.7
05:06:2003:13:05:02	1312	0.0	0	0.0	449.3	2289.7

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