

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: _____
Operator Contact Person: Beverly Roppolo
Phone: (281) 654-1943
Contractor: Name: Key Energy
License: N. A.
Wellsite Geologist: N. A.
Designate Type of Completion: REFRAC
 New Well Re-Entry Workover
 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: TILFORD #1 UNIT, WELL #3
Original Comp. Date: 8-30-96 Original Total Depth: 2974'
 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. _____
3-14-03 8-2-96 3-21-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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API No. 15 - 189-22083 - 00-01
County: Stevens
NE SW SW Sec. 11 Twp. 32 S. R. 36 East West
1250' FSL feet from (S) N (circle one) Line of Section
1250' 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: TILFORD #1 UNIT Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3049 Kelly Bushing: 3058
Total Depth: 2974 Plug Back Total Depth: 2922
Amount of Surface Pipe Set and Cemented at 729 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 KGR 1-29-08
(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: 8/6/03
Subscribed and sworn to before me this 6th day of August,
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
 Well Report Received
KIM LYNCH - UIC Distribution
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 26, 2006

Operator Name: Exxon Mobil Oil Corporation * Lease Name: TILFORD #1 UNIT Well #: 3
 Sec. 11 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> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> <tr> <td>U KRIDER</td> <td>2648</td> <td>2654</td> </tr> <tr> <td>L KRIDER</td> <td>2681</td> <td>2691</td> </tr> <tr> <td>WINFIELD</td> <td>2734</td> <td>2744</td> </tr> <tr> <td>TOWANDA</td> <td>2776</td> <td>2786</td> </tr> <tr> <td>TOWANDA</td> <td>2801</td> <td>2811</td> </tr> </table>	Name	Top	Datum	U KRIDER	2648	2654	L KRIDER	2681	2691	WINFIELD	2734	2744	TOWANDA	2776	2786	TOWANDA	2801	2811
Name	Top	Datum																	
U KRIDER	2648	2654																	
L KRIDER	2681	2691																	
WINFIELD	2734	2744																	
TOWANDA	2776	2786																	
TOWANDA	2801	2811																	

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#	729	CLASS C	225,175	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2964	CLASS C	160, 75	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 <i>(Amount and Kind of Material Used)</i>	Depth
1 SPF	2601' - 2786'	FRAC'D WELL WITH 898,000 scf OF 80Q N2 FOAM @ 80BPM	

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. 8-24-96		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	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 <input type="checkbox"/> Other (Specify)	

<p>Job Date: 03/03/03</p>	Customer: EXXON MOBILE
	District: PERRYTON
	Representative: MR. RICHARD LEWIS
	DS Supervisor: HUMAIR SHAIKH
	Well: Tifford 1-3

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl
03:18:2003:09:08:45	228	0.0	0	0.0
03:18:2003:09:08:46	Started PAD			
03:18:2003:09:08:46	33	0.0	0	0.0
03:18:2003:09:09:05	40	3.1	0	0.3
03:18:2003:09:09:25	126	7.4	9455	2.2
03:18:2003:09:09:45	225	7.9	12547	4.7
03:18:2003:09:10:05	285	7.8	12687	7.3
03:18:2003:09:10:25	344	7.9	12757	10.0
03:18:2003:09:10:45	405	7.9	13837	12.6
03:18:2003:09:11:00	Stage at Perfs: PAD			
03:18:2003:09:11:00	485	7.9	13787	14.6
03:18:2003:09:11:05	491	7.9	13777	15.2
03:18:2003:09:11:25	590	7.9	13707	17.8
03:18:2003:09:11:45	758	12.8	21451	20.9
03:18:2003:09:12:05	1026	15.7	26544	25.3
03:18:2003:09:12:25	1421	15.9	27404	30.6
03:18:2003:09:12:45	1658	15.9	27454	35.9
03:18:2003:09:13:05	1857	15.9	27454	41.2
03:18:2003:09:13:25	1985	15.9	27344	46.5
03:18:2003:09:13:45	1827	7.8	7964	51.8
03:18:2003:09:14:05	1500	0.0	2201	51.9
03:18:2003:09:14:25	1286	0.0	0	51.9
03:18:2003:09:14:45	1170	0.0	0	51.9
03:18:2003:09:15:05	1093	0.0	0	51.9
03:18:2003:09:15:25	1040	0.0	0	51.9
03:18:2003:09:28:26	560	0.0	0	51.9
03:18:2003:09:28:46	545	3.8	0	52.1
03:18:2003:09:29:06	637	7.6	11836	54.3
03:18:2003:09:29:26	763	16.0	19410	59.0
03:18:2003:09:29:46	1089	15.9	26314	64.3
03:18:2003:09:30:06	1396	15.9	27224	69.6
03:18:2003:09:30:26	1606	15.9	27144	75.0
03:18:2003:09:30:46	1733	15.9	27124	80.3
03:18:2003:09:31:06	1767	16.1	27124	85.6
03:18:2003:09:31:26	1724	16.0	27144	90.9
03:18:2003:09:31:46	1740	16.0	27184	96.3
03:18:2003:09:32:06	1732	16.0	27414	101.6
03:18:2003:09:32:26	1701	16.0	27124	106.9
03:18:2003:09:32:46	1679	16.0	27144	112.3
03:18:2003:09:33:06	1665	15.9	27134	117.6
03:18:2003:09:33:26	1651	16.0	27124	122.9
03:18:2003:09:33:46	1652	16.0	27164	128.3
03:18:2003:09:34:06	1636	16.0	27164	133.6
03:18:2003:09:34:26	1612	16.0	27174	138.9
03:18:2003:09:34:46	1608	16.0	27434	144.3
03:18:2003:09:35:06	1612	15.9	27154	149.6
03:18:2003:09:35:26	1604	16.0	27174	154.9
03:18:2003:09:35:46	1598	15.9	27104	160.3
03:18:2003:09:36:06	1598	16.0	27174	165.6
03:18:2003:09:36:26	1576	16.0	27154	170.9
03:18:2003:09:36:46	1586	16.0	27134	176.2
03:18:2003:09:37:06	1592	16.0	27424	181.6
03:18:2003:09:37:26	1573	16.0	27414	186.9
03:18:2003:09:37:46	1581	15.9	27144	192.2
03:18:2003:09:38:06	1589	16.0	27154	197.6
03:18:2003:09:38:26	1586	16.0	27174	202.9
03:18:2003:09:38:46	1591	16.0	27174	208.2

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Well: Tifford 1-3

Job Date: 03/03/03

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl
03:18:2003:09:39:26	1596	15.9	27144	218.9
03:18:2003:09:39:46	1571	16.0	27144	224.2
03:18:2003:09:40:06	1601	15.9	27084	229.5
03:18:2003:09:40:26	1588	16.0	27194	234.9
03:18:2003:09:40:46	1597	16.0	27164	240.2
03:18:2003:09:41:06	1602	16.0	27014	245.5
03:18:2003:09:41:26	1598	16.0	27024	250.8
03:18:2003:09:41:46	1603	16.0	27174	256.2
03:18:2003:09:42:06	1607	16.0	27174	261.5
03:18:2003:09:42:26	1601	15.9	27174	266.8
03:18:2003:09:42:46	1581	16.0	27094	272.2
03:18:2003:09:43:06	1604	16.0	27484	277.5
03:18:2003:09:43:26	1607	16.0	27194	282.8
03:18:2003:09:43:46	1595	16.0	27164	288.1
03:18:2003:09:44:06	1588	16.0	27164	293.5
03:18:2003:09:44:26	1585	16.0	27124	298.8
03:18:2003:09:44:46	1596	15.9	27164	304.1
03:18:2003:09:45:06	1584	15.9	27424	309.4
03:18:2003:09:45:26	1617	15.9	27164	314.7
03:18:2003:09:45:46	1597	15.9	27164	320.0
03:18:2003:09:46:06	1588	15.9	27164	325.4
03:18:2003:09:46:26	1603	15.9	27154	330.7
03:18:2003:09:46:46	1596	15.9	27154	336.0
03:18:2003:09:47:06	1606	15.9	27144	341.3
03:18:2003:09:47:26	1549	15.9	27134	346.6
03:18:2003:09:47:46	1549	15.9	27124	351.9
03:18:2003:09:48:06	1541	15.9	27184	357.2
03:18:2003:09:48:26	1517	15.9	27144	362.5
03:18:2003:09:48:46	1511	15.9	27154	367.8
03:18:2003:09:49:06	1530	16.0	27154	373.2
03:18:2003:09:49:26	1535	16.0	27164	378.5
03:18:2003:09:49:46	1519	16.0	27164	383.8
03:18:2003:09:50:06	1538	16.0	27174	389.1
03:18:2003:09:50:26	1542	16.0	27184	394.5
03:18:2003:09:50:46	1562	15.9	27474	399.8
03:18:2003:09:51:06	1567	15.9	27204	405.1
03:18:2003:09:51:26	1587	16.0	27164	410.5
03:18:2003:09:51:46	1602	16.0	27154	415.8
03:18:2003:09:52:06	1616	16.0	27164	421.1
03:18:2003:09:52:26	1620	16.0	27414	426.5
03:18:2003:09:52:46	1639	16.0	27144	431.8
03:18:2003:09:53:06	1653	15.9	27104	437.1
03:18:2003:09:53:26	1660	16.0	27414	442.5
03:18:2003:09:53:46	1661	16.0	27154	447.8
03:18:2003:09:54:06	1634	16.0	27154	453.1
03:18:2003:09:54:26	1655	16.0	27154	458.4
03:18:2003:09:54:46	1659	16.0	27164	463.8
03:18:2003:09:55:06	1670	16.0	27164	469.1
03:18:2003:09:55:26	1635	16.1	20341	474.4
03:18:2003:09:55:33	Started FLUSH Automatically			
03:18:2003:09:55:33	1623	15.9	20341	476.3
03:18:2003:09:55:46	1481	0.0	27154	477.2
03:18:2003:09:56:06	1392	0.0	26904	477.2
03:18:2003:09:56:26	1251	0.0	13577	477.2
03:18:2003:09:56:46	1235	0.0	13607	477.2
03:18:2003:09:56:58	Stage at Perfs: FLUSH			
03:18:2003:09:56:58	1232	0.0	13467	477.2
03:18:2003:09:57:06	1176	0.0	2631	477.2
03:18:2003:09:57:26	1129	0.0	0	477.2

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