

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.

API No. 15 - 189-22081 - 00-01
County: Stevens
SW SWSE Sec. 13 Twp. 34 S. R. 37 East West
360 FSL feet from (S) N (circle one) Line of Section
2395 FEL feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: CUNNINGHAM #1 UNIT Well #: 6

Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3132 Kelly Bushing: 3141
Total Depth: 2990 Plug Back Total Depth: 2923
Amount of Surface Pipe Set and Cemented at 738 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 2-5-08
(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.: _____

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: CUNNINGHAM #1 UNIT, WELL #6
Original Comp. Date: 9-12-96 Original Total Depth: 2990'
 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. _____
3-7-03 8-17-96 3-14-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

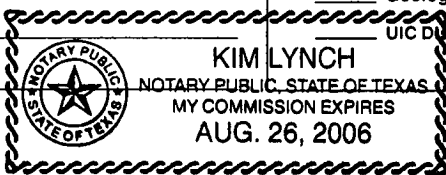
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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 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
 Geologist Report Received
 UIC Distribution



Operator Name: Exxon Mobil Oil Corporation * Lease Name: CUNNINGHAM #1 UNIT Well #: 6
 Sec. 13 Twp. 34 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 <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>U. KRIDER</td> <td>2694</td> <td>2700</td> </tr> <tr> <td>L KRIDER</td> <td>2735</td> <td>2755</td> </tr> <tr> <td>WINFIELD</td> <td>2786</td> <td>2806</td> </tr> <tr> <td>TOWANDA</td> <td>2849</td> <td>2864</td> </tr> </table>	Name	Top	Datum	U. KRIDER	2694	2700	L KRIDER	2735	2755	WINFIELD	2786	2806	TOWANDA	2849	2864
Name	Top	Datum														
U. KRIDER	2694	2700														
L KRIDER	2735	2755														
WINFIELD	2786	2806														
TOWANDA	2849	2864														

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#	738	CLASS C	210, 175	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2954	CLASS C	175,75	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 (Amount and Kind of Material Used)	Depth
1 SPF	2694' - 2864'	FRAC'D WELL WITH 875,251 scf OF 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. 9-7-96	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) _____

ORIGINAL

Schlumberger

Job Date: 03-11-2003

Customer: EXXON MOBIL
 District: PERRYTON
 Representative: MR. RICHARD LEWIS
 DS Supervisor: JR Vela
 Well: Cunningham 1-6

AccTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 RATE scf/min	INJ RATE bbl/min	TOT INJ bbl
03:11:2003:15:29:25	88	0.0	0.0	20	0.1	0.0
03:11:2003:15:29:45	4776	0.0	0.0	10	0.0	0.0
03:11:2003:15:30:05	4554	0.0	0.0	30	0.0	0.0
03:11:2003:15:30:25	4412	0.0	0.0	20	0.0	0.0
03:11:2003:15:30:45	1398	0.0	0.0	10	0.0	0.0
03:11:2003:15:31:05	344	0.0	0.0	20	0.0	0.0
03:11:2003:15:31:25	344	0.0	0.0	0	0.0	0.0
03:11:2003:15:31:45	342	0.0	0.0	0	0.0	0.0
03:11:2003:15:32:05	344	0.0	0.0	0	0.0	0.0
03:11:2003:15:32:25	345	0.0	0.0	0	0.0	0.0
03:11:2003:15:32:45	343	0.0	0.0	0	0.0	0.0
03:11:2003:15:33:05	344	0.0	0.0	0	0.0	0.0
03:11:2003:15:33:25	346	0.0	0.0	0	0.0	0.0
03:11:2003:15:33:45	343	0.0	0.0	0	0.0	0.0
03:11:2003:15:34:05	346	0.0	0.0	0	0.0	0.0
03:11:2003:15:34:25	346	0.0	0.0	0	0.0	0.0
03:11:2003:15:34:45	343	0.0	0.0	0	0.0	0.0
03:11:2003:15:35:05	342	0.0	0.0	0	0.0	0.0
03:11:2003:15:35:25	343	0.0	0.0	0	0.0	0.0
03:11:2003:15:35:45	344	0.0	0.0	0	0.0	0.0
03:11:2003:15:36:05	344	0.0	0.0	0	0.0	0.0
03:11:2003:15:36:25	347	0.0	0.0	0	0.0	0.0
03:11:2003:15:36:45	345	0.0	0.0	0	0.0	0.0
03:11:2003:15:37:05	345	0.0	0.0	0	0.0	0.0
03:11:2003:15:37:25	343	0.0	0.0	0	0.0	0.0
03:11:2003:15:37:45	Started PAD					
03:11:2003:15:37:45	343	0.0	0.0	0	0.0	0.0
03:11:2003:15:38:05	348	0.0	0.0	0	0.0	0.0
03:11:2003:15:38:25	345	0.0	0.0	11416	101.7	16.5
03:11:2003:15:38:43	Stage at Perfs: PAD					
03:11:2003:15:38:43	249	1.4	0.0	13507	147.1	64.4
03:11:2003:15:38:45	255	4.5	0.1	13567	140.9	69.3
03:11:2003:15:39:05	306	8.1	2.5	13427	135.3	114.8
03:11:2003:15:39:25	315	8.0	5.1	13457	128.3	157.8
03:11:2003:15:39:45	349	8.0	7.8	13487	128.7	200.7
03:11:2003:15:40:05	417	8.0	10.4	13507	128.7	243.6
03:11:2003:15:40:25	523	15.2	13.9	13497	136.9	267.2
03:11:2003:15:40:45	851	15.9	19.2	24523	232.2	349.2
03:11:2003:15:41:05	1078	15.9	24.5	26184	248.5	429.9
03:11:2003:15:41:25	1322	16.0	29.9	27084	258.1	515.2
03:11:2003:15:41:45	1662	16.0	35.2	27064	112.7	594.1
03:11:2003:15:42:05	1813	15.9	40.5	27074	75.4	624.1
03:11:2003:15:42:25	1994	15.8	45.8	27084	63.3	647.5
03:11:2003:15:42:45	1895	15.9	51.1	27094	66.8	669.6
03:11:2003:15:43:05	1948	15.9	58.4	27134	65.9	692.4
03:11:2003:15:43:25	1816	16.0	61.8	27154	72.9	716.1
03:11:2003:15:43:45	1804	16.0	67.1	27174	72.4	741.7
03:11:2003:15:44:05	1755	16.0	72.5	27204	78.6	768.8
03:11:2003:15:44:25	1805	16.1	77.8	27224	94.7	797.6
03:11:2003:15:44:45	1736	16.1	83.2	27224	82.6	827.5
03:11:2003:15:45:05	1739	16.0	88.6	27174	110.8	859.1
03:11:2003:15:45:25	1755	16.1	93.9	27164	110.3	892.0
03:11:2003:15:45:45	1677	16.1	99.3	27194	91.3	926.1
03:11:2003:15:46:05	1683	16.1	104.7	27194	94.0	962.8
03:11:2003:15:46:25	1663	16.1	110.1	27194	112.6	998.2
03:11:2003:15:46:45	1663	16.1	115.4	27174	110.6	1035.3
03:11:2003:15:47:05	1662	16.1	120.8	27184	112.0	1073.0
03:11:2003:15:47:25	1652	16.1	126.2	27194	118.2	1111.7
03:11:2003:15:47:45	1653	16.1	131.6	27184	118.4	1150.5
03:11:2003:15:48:05	1649	16.1	136.9	27174	80.1	1185.5
03:11:2003:15:48:25	1651	16.1	142.3	27164	80.1	1212.2
03:11:2003:15:48:45	1642	16.0	147.7	27154	80.0	1238.8
03:11:2003:15:49:05	1642	16.1	153.1	27164	80.0	1265.5
03:11:2003:15:49:25	1645	16.0	158.4	27164	80.0	1292.2
03:11:2003:15:49:45	1636	16.1	163.8	27154	79.9	1318.8
03:11:2003:15:50:05	1635	16.0	169.1	27164	80.0	1345.5
03:11:2003:15:50:25	1625	16.0	174.5	27154	80.0	1372.1
03:11:2003:15:50:45	1619	16.0	179.8	27164	80.0	1398.8
03:11:2003:15:51:05	1627	16.0	185.2	27164	80.1	1425.5
03:11:2003:15:51:25	1625	16.0	190.6	27174	80.0	1452.1
03:11:2003:15:51:45	1625	16.0	195.9	27184	80.1	1478.8
03:11:2003:15:52:05	1622	16.0	201.3	27194	80.1	1505.5
03:11:2003:15:52:25	1627	16.1	206.6	27214	80.0	1532.2
03:11:2003:15:52:45	1635	16.1	212.0	27204	80.2	1558.9
03:11:2003:15:53:05	1628	16.0	217.3	27234	80.2	1585.6
03:11:2003:15:53:25	1624	16.0	222.7	27254	80.2	1612.3
03:11:2003:15:53:45	1624	16.1	228.1	27244	80.1	1639.0
03:11:2003:15:54:05	1622	16.0	233.4	27234	80.2	1665.8
03:11:2003:15:54:25	1629	16.1	238.8	27194	80.0	1692.6
03:11:2003:15:54:45	1616	16.0	244.1	27164	80.1	1719.2
03:11:2003:15:55:05	1625	16.1	249.5	27164	80.0	1745.8
03:11:2003:15:55:25	1609	16.1	254.8	27164	79.9	1772.5
03:11:2003:15:55:45	1608	16.1	260.2	27164	80.0	1799.1

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Well: Cunningham 1-8

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 RATE scf/min	INJ RATE bbl/min	TOT INJ bbl
03:11:2003:15:56:25	1608	16.1	270.9	27144	80.0	1852.5
03:11:2003:15:56:45	1610	16.0	276.3	27154	80.0	1879.1
03:11:2003:15:57:05	1611	16.1	281.6	27144	80.0	1905.8
03:11:2003:15:57:25	1605	16.0	287.0	27164	80.0	1932.4
03:11:2003:15:57:45	1611	16.0	292.4	27154	80.0	1959.1
03:11:2003:15:58:05	1608	16.1	297.7	27174	80.1	1985.7
03:11:2003:15:58:25	1603	16.1	303.1	27174	80.1	2012.4
03:11:2003:15:58:45	1603	16.1	308.4	27164	80.1	2039.1
03:11:2003:15:59:05	1607	16.0	313.8	27174	80.0	2065.8
03:11:2003:15:59:25	1608	16.1	319.2	27184	80.0	2092.4
03:11:2003:15:59:45	1603	16.0	324.5	27174	80.1	2119.1
03:11:2003:16:00:05	1607	16.0	329.9	27174	80.1	2145.8
03:11:2003:16:00:25	1609	16.1	335.3	27174	80.1	2172.5
03:11:2003:16:00:45	1613	16.1	340.6	27184	80.0	2199.2
03:11:2003:16:01:05	1605	16.1	346.0	27194	80.1	2225.9
03:11:2003:16:01:25	1608	16.1	351.3	27194	80.1	2252.5
03:11:2003:16:01:45	1612	16.0	356.7	27194	80.1	2279.2
03:11:2003:16:02:05	1608	16.0	362.1	27194	80.1	2305.9
03:11:2003:16:02:25	1604	16.1	367.4	27194	80.1	2332.6
03:11:2003:16:02:45	1614	16.1	372.8	27214	80.0	2359.3
03:11:2003:16:03:05	1612	16.1	378.2	27214	80.1	2386.0
03:11:2003:16:03:25	1615	16.0	383.5	27214	80.2	2412.7
03:11:2003:16:03:45	1611	16.1	388.9	27204	80.1	2439.4
03:11:2003:16:04:05	1617	16.1	394.2	27224	80.1	2466.1
03:11:2003:16:04:25	1617	16.1	399.6	27214	80.1	2492.8
03:11:2003:16:04:45	1619	16.1	405.0	27204	80.1	2519.5
03:11:2003:16:05:05	1615	16.1	410.3	27204	80.2	2546.2
03:11:2003:16:05:25	1615	16.1	415.7	27204	80.0	2572.9
03:11:2003:16:05:45	1614	16.0	421.0	27204	80.1	2599.6
03:11:2003:16:06:05	1614	16.1	426.4	27204	80.0	2626.3
03:11:2003:16:06:25	1607	16.0	431.8	27154	80.0	2653.0
03:11:2003:16:06:45	1605	16.1	437.1	27144	80.0	2679.7
03:11:2003:16:07:05	1608	16.1	442.5	27144	79.8	2706.3
03:11:2003:16:07:25	1604	16.0	447.8	27144	80.0	2732.9
03:11:2003:16:07:45	1611	16.1	453.2	27154	80.0	2759.6
03:11:2003:16:08:05	1628	16.0	458.6	27144	80.0	2786.2
03:11:2003:16:08:25	1622	16.0	463.9	27154	80.0	2812.9
03:11:2003:16:08:45	1626	16.1	469.3	27144	79.9	2839.5
03:11:2003:16:09:05	1618	16.1	474.6	27134	79.9	2866.2
03:11:2003:16:09:11	Started FLUSH Automatically					
03:11:2003:16:09:11	1615	16.1	476.2	27144	79.9	2874.2
03:11:2003:16:09:25	1502	0.0	483.3	27164	99.0	2896.2
03:11:2003:16:09:45	1439	0.0	483.3	27164	64.0	2917.8
03:11:2003:16:10:04	Stage at Perfs: FLUSH					
03:11:2003:16:10:04	1428	0.0	483.3	27194	64.0	2938.0
03:11:2003:16:10:05	1428	0.0	483.3	27194	64.0	2939.1
03:11:2003:16:10:25	1247	0.0	483.3	0	0.0	2945.9
03:11:2003:16:10:45	1214	0.0	483.3	0	0.0	2945.9
03:11:2003:16:11:05	1187	0.0	483.3	0	0.0	2945.9
03:11:2003:16:11:25	1186	0.0	483.3	0	0.0	2945.9

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