

**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: _____
 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 SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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If Workover/Re-entry: Old Well Info as follows:
 Operator: Mobil Oil Corporation
 Well Name: OLSON, WELL #1
 Original Comp. Date: 10-6-30 Original Total Depth: 2727
 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>5-10-02</u>	<u>8-29-30</u>	<u>5-16-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-00263 - 00 - 01
 County: Stevens
C. SW Sec. 1 Twp. 32 S. R. 38 East West
1320' FSL feet from S / N (circle one) Line of Section
1320' 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: OLSEN Well #: 1
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 3157 Kelly Bushing: n/a
 Total Depth: 2727 Plug Back Total Depth: n/a
 Amount of Surface Pipe Set and Cemented at _____ 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 KJR 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: 8/4/03
 Subscribed and sworn to before me this 4th 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
 KIM LYNCH UIC Distribution
 NOTARY PUBLIC, STATE OF TEXAS
 MY COMMISSION EXPIRES
 AUG. 26, 2006



X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: OLSEN Well #: 1
 Sec. 1 Twp. 32 S. R. 38 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:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>HERRINGTON</td> <td>2510</td> <td>2524</td> </tr> <tr> <td>KRIDER</td> <td>2540</td> <td>2600</td> </tr> <tr> <td>WINFIELD</td> <td>2610</td> <td>2650</td> </tr> <tr> <td>FT. RILEY</td> <td>2682</td> <td>2718</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	HERRINGTON	2510	2524	KRIDER	2540	2600	WINFIELD	2610	2650	FT. RILEY	2682	2718
<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																	
Name	Top	Datum																	
HERRINGTON	2510	2524																	
KRIDER	2540	2600																	
WINFIELD	2610	2650																	
FT. RILEY	2682	2718																	

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#	650	CLASS C	150	50:50 c/poz
PROD LINER		5.500	14#	2470'-2723'			
PRODUCTION	7.875	5.500	14#	2470	CLASS C	250	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
4 SPF	2510' - 2718'	FRAC'D WELL WITH 957,500 scf OF 80Q N2 FOAM @ 80BPM	
Slotted Liner	2510' - 2524', 2540' - 2600', 2610' - 2650'		

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 Other (Specify) _____

Production Interval

ORIGINAL

Schlumberger Job Date: 05-14-2002	Customer: Exxon Mobil
	District: Ulysses
	Representative: Richard Lewis
	DS Supervisor: Dave Brawley
	Well: Olsen 1

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
05:14:2002:12:39:25	5919	0.0	0	0.0	0.0
05:14:2002:12:39:34	Pressure Test Lines				
05:14:2002:12:39:34	5896	0.0	0	0.0	0.0
05:14:2002:12:39:45	5869	0.0	0	0.0	0.0
05:14:2002:12:40:05	5827	0.0	2501	0.0	0.0
05:14:2002:12:40:25	5804	0.0	3762	0.0	0.0
05:14:2002:12:40:45	5804	0.0	0	0.0	0.0
05:14:2002:12:41:05	5809	0.0	0	0.0	0.0
05:14:2002:12:41:25	5818	0.0	0	0.0	0.0
05:14:2002:12:41:45	5763	0.0	170	0.0	0.0
05:14:2002:12:42:05	5681	0.0	2031	0.0	0.0
05:14:2002:12:42:25	5644	0.0	30	0.0	0.0
05:14:2002:12:42:45	5617	0.0	660	0.0	0.0
05:14:2002:12:43:05	229	0.0	650	0.0	0.0
05:14:2002:12:43:25	284	0.0	10	0.0	0.0
05:14:2002:12:43:45	288	0.0	40	0.0	0.0
05:14:2002:12:44:05	233	0.0	3982	0.0	0.0
05:14:2002:12:44:25	206	0.0	0	0.0	0.0
05:14:2002:12:44:45	192	0.0	0	0.0	0.0
05:14:2002:12:45:05	183	0.0	0	0.0	0.0
05:14:2002:12:45:25	174	0.0	0	0.0	0.0
05:14:2002:12:45:45	169	0.0	20	0.0	0.0
05:14:2002:12:46:05	165	0.0	0	0.0	0.0
05:14:2002:12:46:25	160	0.0	0	0.0	0.0
05:14:2002:12:46:45	156	0.0	780	0.0	0.0
05:14:2002:12:47:05	156	0.0	1641	0.0	0.0
05:14:2002:12:47:25	151	0.0	20	0.0	0.0
05:14:2002:12:47:45	151	0.0	550	0.0	0.0
05:14:2002:12:48:05	146	0.0	0	0.0	0.0
05:14:2002:12:48:25	146	0.0	2111	0.0	0.0
05:14:2002:12:48:45	142	0.0	0	0.0	0.0
05:14:2002:12:49:05	142	0.0	0	0.0	0.0
05:14:2002:12:49:25	142	0.0	20	0.0	0.0
05:14:2002:12:49:45	137	0.0	2932	0.0	0.0
05:14:2002:12:50:05	133	0.0	1681	0.0	0.0
05:14:2002:12:50:25	133	0.0	2511	0.0	0.0
05:14:2002:12:50:45	128	0.0	981	0.0	0.0
05:14:2002:12:51:05	133	0.0	5153	0.0	0.0
05:14:2002:12:51:25	128	0.0	2671	0.0	0.0
05:14:2002:12:51:45	128	0.0	6723	0.0	0.0
05:14:2002:12:52:05	128	0.0	0	0.0	0.0
05:14:2002:12:52:25	124	0.0	0	0.0	0.0
05:14:2002:12:52:45	124	0.0	10	0.0	0.0
05:14:2002:12:53:05	128	0.0	0	0.0	0.0
05:14:2002:12:53:25	124	0.0	220	0.0	0.0
05:14:2002:12:53:45	119	0.0	20	0.0	0.0
05:14:2002:12:54:05	124	0.0	0	0.0	0.0
05:14:2002:12:54:25	124	0.0	20	0.0	0.0
05:14:2002:12:54:45	119	0.0	0	0.0	0.0
05:14:2002:12:55:05	114	0.0	0	0.0	0.0
05:14:2002:12:55:25	114	0.0	870	0.0	0.0
05:14:2002:12:55:32	Started Pad				
05:14:2002:12:55:32	119	0.0	0	0.0	0.0
05:14:2002:12:55:45	114	0.0	3442	5.5	0.0
05:14:2002:12:56:05	128	0.0	10345	24.0	0.0
05:14:2002:12:56:25	787	7.5	12126	36.0	0.0
05:14:2002:12:56:33	Stage at Perfs: Pad				

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Job Date: 05-14-2002

Well: Olsen 1

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
05:14:2002:12:56:45	1007	7.9	17439	46.7	0.0
05:14:2002:12:57:05	1414	7.8	12887	38.0	79.0
05:14:2002:12:57:25	1598	7.6	12847	38.1	82.2
05:14:2002:12:57:45	1817	7.8	12977	38.3	86.7
05:14:2002:12:58:05	1886	7.9	13487	40.1	81.7
05:14:2002:12:58:25	1932	7.9	15178	49.7	80.0
05:14:2002:12:58:45	1872	9.8	6513	28.7	83.7
05:14:2002:12:59:05	2440	11.4	23112	66.2	77.0
05:14:2002:12:59:25	2568	11.8	19190	56.7	82.6
05:14:2002:12:59:45	2765	11.8	20301	59.8	79.6
05:14:2002:13:00:05	2820	12.0	20411	59.3	80.2
05:14:2002:13:00:25	2884	11.8	19790	58.6	80.1
05:14:2002:13:00:45	2953	11.7	20341	59.8	79.7
05:14:2002:13:01:05	3136	15.1	21171	64.9	80.4
05:14:2002:13:01:25	3259	14.2	23642	69.5	77.0
05:14:2002:13:01:45	3378	14.1	25503	75.2	78.6
05:14:2002:13:02:05	3433	14.0	25073	73.3	80.9
05:14:2002:13:02:25	3452	14.0	24042	71.1	81.6
05:14:2002:13:02:45	3452	14.1	24543	71.9	80.2
05:14:2002:13:03:05	3479	14.1	24553	71.8	80.6
05:14:2002:13:03:25	3223	14.1	24703	72.0	84.0
05:14:2002:13:03:45	3094	14.1	24993	73.0	80.5
05:14:2002:13:04:05	3090	14.2	25623	74.4	81.2
05:14:2002:13:04:25	3232	14.1	22262	66.2	81.5
05:14:2002:13:04:45	3415	14.0	23532	69.4	79.0
05:14:2002:13:05:05	3484	14.0	23592	69.8	79.8
05:14:2002:13:05:25	3511	14.0	23802	70.2	79.9
05:14:2002:13:05:45	3488	14.0	23812	70.2	80.0
05:14:2002:13:06:05	3662	15.0	26814	78.4	80.0
05:14:2002:13:06:25	3735	15.6	29245	83.0	80.6
05:14:2002:13:06:45	3827	15.9	27644	81.1	81.3
05:14:2002:13:07:05	3813	15.8	28415	81.6	80.3
05:14:2002:13:07:25	3854	15.9	27864	81.1	81.5
05:14:2002:13:07:45	3804	16.0	30746	88.6	80.9
05:14:2002:13:08:05	3767	15.9	31546	91.2	82.2
05:14:2002:13:08:25	3799	16.0	30336	87.4	81.9
05:14:2002:13:08:45	3749	16.0	30356	88.7	81.9
05:14:2002:13:09:05	3630	16.0	31576	91.0	81.9
05:14:2002:13:09:25	3630	16.0	27194	80.2	81.9
05:14:2002:13:09:45	3593	16.0	27254	80.4	80.0
05:14:2002:13:10:05	3561	16.2	27284	80.4	80.0
05:14:2002:13:10:25	3529	16.0	27294	80.4	80.0
05:14:2002:13:10:45	3383	16.0	27314	80.5	80.0
05:14:2002:13:11:05	3268	16.0	27294	80.6	80.0
05:14:2002:13:11:25	3387	16.0	27284	80.5	80.0
05:14:2002:13:11:45	3323	16.2	27304	80.4	80.0
05:14:2002:13:12:05	3227	16.2	27304	80.4	80.0
05:14:2002:13:12:25	3424	16.2	27314	80.6	80.0
05:14:2002:13:12:45	3159	16.2	27294	80.6	80.0
05:14:2002:13:13:05	3030	16.0	27304	80.5	80.1
05:14:2002:13:13:25	2769	16.2	27294	80.6	80.0
05:14:2002:13:13:45	3259	16.0	27314	80.5	80.0
05:14:2002:13:14:05	3374	16.2	27294	80.5	80.0
05:14:2002:13:14:25	3360	16.2	27304	80.5	80.0
05:14:2002:13:14:45	3319	16.0	27294	80.5	80.0
05:14:2002:13:15:05	3333	16.2	27324	80.6	79.9
05:14:2002:13:15:25	3287	16.2	27334	80.7	80.0
05:14:2002:13:15:45	3305	16.2	27404	80.8	80.0
05:14:2002:13:16:05	3337	16.2	27534	81.1	80.0
05:14:2002:13:16:25	3378	16.2	26574	78.8	79.9
05:14:2002:13:16:45	3415	16.0	26414	78.5	79.5
05:14:2002:13:17:05	3511	16.2	27194	80.2	79.6
05:14:2002:13:17:25	3516	16.0	27214	80.2	80.0

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Well: Olsen 1

Job Date: 05-14-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
05:14:2002:13:17:45	3520	16.0	27214	80.3	80.0
05:14:2002:13:18:05	3479	16.2	27194	80.1	80.0
05:14:2002:13:18:25	3474	16.2	26874	79.5	79.8
05:14:2002:13:18:45	3479	16.2	26834	79.3	79.7
05:14:2002:13:19:05	3452	16.2	26964	79.7	79.7
05:14:2002:13:19:25	3419	16.2	27044	79.8	79.8
05:14:2002:13:19:45	3378	16.2	26844	79.6	79.8
05:14:2002:13:20:05	3410	16.0	26714	79.3	79.7
05:14:2002:13:20:25	3419	16.2	26634	79.0	79.6
05:14:2002:13:20:45	3484	16.2	26454	78.4	79.6
05:14:2002:13:21:05	3603	16.0	26424	78.3	79.5
05:14:2002:13:21:25	3763	15.9	32337	92.3	79.5
05:14:2002:13:21:45	3635	16.0	25633	76.5	79.2
05:14:2002:13:22:05	3644	16.0	25843	77.0	79.0
05:14:2002:13:22:25	3616	16.0	26154	77.6	79.3
05:14:2002:13:22:45	3621	16.0	26804	79.2	79.6
05:14:2002:13:23:05	3552	16.0	26934	79.5	79.8
05:14:2002:13:23:25	3552	16.0	26984	79.7	79.8
05:14:2002:13:23:45	3603	16.0	26964	79.6	79.9
05:14:2002:13:24:05	3621	16.0	26924	79.5	79.8
05:14:2002:13:24:25	3621	16.0	28335	82.9	80.0
05:14:2002:13:24:45	3658	16.0	26924	79.5	80.7
05:14:2002:13:25:05	3653	16.0	26924	79.5	79.9
05:14:2002:13:25:25	3680	15.9	26924	79.5	79.9
05:14:2002:13:25:45	3676	16.0	26884	79.5	79.9
05:14:2002:13:26:05	3676	15.9	26814	79.3	79.8
05:14:2002:13:26:25	3685	16.0	26814	79.2	79.8
05:14:2002:13:26:45	3671	16.0	26814	79.1	79.8
05:14:2002:13:27:05	3680	16.0	26824	79.3	79.8
05:14:2002:13:27:25	3680	15.9	26814	79.3	79.8
05:14:2002:13:27:45	3671	16.0	26824	79.3	79.8
05:14:2002:13:28:05	3680	16.0	26824	79.3	79.8
05:14:2002:13:28:25	3685	16.0	26824	79.2	79.8
05:14:2002:13:28:45	3708	16.0	29505	85.6	79.8
05:14:2002:13:29:05	3671	16.0	29175	84.7	81.5
05:14:2002:13:29:25	3712	15.9	29185	84.9	81.2
05:14:2002:13:29:45	3712	15.9	29195	84.9	81.2
05:14:2002:13:30:05	3630	16.0	28095	82.2	81.2
05:14:2002:13:30:25	3571	16.0	27314	80.4	80.3
05:14:2002:13:30:45	3525	16.0	27074	79.8	80.0
05:14:2002:13:31:05	3534	16.0	27204	80.2	79.9
05:14:2002:13:31:25	3506	16.0	27194	80.3	80.0
05:14:2002:13:31:45	3516	16.0	27204	80.2	80.0
05:14:2002:13:32:05	3529	16.0	27204	80.2	80.0
05:14:2002:13:32:25	3502	16.0	27224	80.2	80.0
05:14:2002:13:32:45	3538	16.0	27204	80.2	80.0
05:14:2002:13:33:05	Started Flush Automatically				
05:14:2002:13:33:05	3442	16.0	27184	80.1	80.0
05:14:2002:13:33:25	Stage at Perfs: Flush				
05:14:2002:13:33:25	2184	0.0	15298	64.5	90.3
05:14:2002:13:33:45	1511	0.0	0	0.0	0.0

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