

**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)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: Mobil Oil Corporation  
 Well Name: CARLILE #1 UNIT, WELL #2  
 Original Comp. Date: 9/26/96 Original Total Depth: 3015  
 \_\_\_\_\_ 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. \_\_\_\_\_  
 4/13/01 \_\_\_\_\_ 4/19/01 \_\_\_\_\_  
 Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
 Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

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**JUL 25 2003**

**KCC WICHITA**

API No. 15 - 189-22088-00-02  
 County: Stevens  
 \_\_\_\_\_ SW NE SE Sec. 36 Twp. 34 S. R. 36  East  West  
1355 FSL feet from 3 / N (circle one) Line of Section  
1250 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: CARLILE #1 UNIT Well #: 2  
 Field Name: Hugoton  
 Producing Formation: Chase  
 Elevation: Ground: 3021 Kelly Bushing: 3031  
 Total Depth: 3015 Plug Back Total Depth: 2890  
 Amount of Surface Pipe Set and Cemented at 730 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 kfr 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.: \_\_\_\_\_

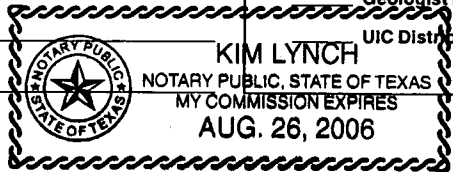
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: 7/22/03  
 Subscribed and sworn to before me this 22nd day of July,  
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: CARLILE #1 UNIT Well #: 2  
 Sec. 36 Twp. 34 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>1187</td> <td>1360</td> </tr> <tr> <td>STONE CORRAL</td> <td>1698</td> <td>1750</td> </tr> <tr> <td>CHASE</td> <td>2668</td> <td></td> </tr> </table>	Name	Top	Datum	GLORIETTA	1187	1360	STONE CORRAL	1698	1750	CHASE	2668	
Name	Top	Datum											
GLORIETTA	1187	1360											
STONE CORRAL	1698	1750											
CHASE	2668												

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#	730	CLASS C	475	50:50 c/poz
PRODUCTION	7.875	5.500	14#	3004	CLASS C	180, 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	2752' - 2867'	FRAC'D WELL WITH 1,000,000 scf OF 80Q N2 FOAM @ 80BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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	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)	2752 - 2867

**Schlumberger**  
Job Date: 04-17-2001

Customer: Exxon Mobil  
District: ULYSSES  
Representative: Richard Lewis  
DS Supervisor: Dave Brawley  
Well: Carlie 1-2

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**KCC WICHITA**

AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 RATE scf/min	N2 PUMP RATE bbl/min	TOT N2 Mscf	INJ RATE bbl/min
08:19:03	0	1.5	0.0	1901	0.0	0.0	1.5
08:19:23	275	0.7	0.0	1841	0.0	0.0	0.7
08:19:43	165	0.0	0.0	1781	0.0	0.0	0.0
08:20:03	732	0.0	0.0	1841	0.0	0.0	0.0
08:20:23	861	0.0	0.0	1821	0.0	0.0	0.0
08:20:43	3067	0.0	0.0	1781	0.0	0.0	0.0
08:20:52	<b>Pressure Test Lines</b>						
08:20:52	3021	0.0	0.0	1821	0.0	0.0	0.0
08:21:03	3003	0.0	0.0	1801	0.0	0.0	0.0
08:21:23	2985	0.0	0.0	1821	0.0	0.0	0.0
08:21:43	2962	0.0	0.0	1781	0.0	0.0	0.0
08:22:03	2980	0.0	0.0	1741	0.0	0.0	0.0
08:22:23	2975	0.0	0.0	1801	0.0	0.0	0.0
08:22:43	2948	0.0	0.0	1781	0.0	0.0	0.0
08:23:03	2838	0.0	0.0	1761	0.0	0.0	0.0
08:23:23	343	0.0	0.0	2061	0.0	0.0	0.0
08:23:43	279	0.0	0.0	1901	0.0	0.0	0.0
08:23:57	<b>Started PAD</b>						
08:23:57	64	2.2	0.0	1941	0.0	0.0	2.2
08:24:03	105	3.5	0.3	1941	4.5	0.2	8.0
08:24:23	96	8.1	2.5	1941	4.6	0.8	12.7
08:24:43	179	8.3	5.2	5143	22.8	3.1	31.1
08:25:03	206	8.2	8.0	8424	17.8	5.2	26.0
08:36:30	151	7.8	1.2	9139	6.0	9.8	13.8
08:36:50	311	8.3	3.9	11890	27.6	13.3	35.9
08:37:10	366	8.0	6.6	13543	31.9	17.6	39.9
08:37:26	<b>Stage at Perfs: PAD</b>						
08:37:26	421	7.9	8.7	13593	32.1	21.2	40.0
08:37:30	439	7.8	9.2	13619	32.1	22.1	39.9
08:37:50	499	8.1	11.9	13621	32.1	26.6	40.2
08:38:10	545	8.0	14.6	13641	32.1	31.2	40.1
08:38:30	600	10.6	17.4	12797	31.1	35.7	41.8
08:38:50	696	14.9	21.9	22736	52.2	44.9	67.0
08:39:10	906	15.8	27.0	27020	63.5	53.2	79.3
08:39:30	1076	15.9	32.3	27066	64.1	62.3	80.1
08:39:50	1231	15.9	37.6	26910	63.3	71.2	79.2
08:40:10	1364	16.1	43.0	27154	64.1	80.2	80.2
08:40:30	1460	16.0	48.3	27138	64.0	89.2	80.0
08:40:50	1520	16.0	53.7	27242	64.3	98.3	80.4
08:41:10	1552	16.1	59.1	27354	64.5	107.4	80.6
08:41:30	1570	16.1	64.4	27332	64.4	116.5	80.5
08:41:50	1584	16.0	69.8	27266	64.4	125.6	80.5
08:42:10	1579	16.1	75.1	27260	64.2	134.7	80.3
08:42:30	1566	16.1	80.5	27278	64.3	143.8	80.5
08:42:50	1552	16.1	85.8	27274	64.4	152.9	80.5
08:43:10	1543	16.0	91.2	27412	64.6	162.1	80.6
08:43:30	1538	16.1	96.6	27428	64.8	171.2	80.9
08:43:50	1529	16.1	101.9	27428	64.7	180.4	80.8
08:44:10	1524	16.1	107.3	27498	64.9	189.5	81.0
08:44:30	1520	16.1	112.7	27420	64.7	198.7	80.8
08:44:50	1515	16.1	118.0	27238	64.2	207.7	80.4
08:45:10	1511	16.1	123.4	27280	64.3	216.8	80.4
08:45:30	1506	16.1	128.7	27160	64.1	225.9	80.2
08:45:50	1501	16.1	134.1	27186	64.2	235.0	80.3
08:46:10	1488	16.1	139.5	27332	64.5	244.0	80.6
08:46:30	1479	16.1	144.8	27368	64.5	253.1	80.6
08:46:50	1479	16.0	150.2	27264	64.4	262.3	80.4

Well: Cartile 1-2

Job Date: 04-17-2001

AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 RATE scf/min	N2 PUMP RATE bbl/min	TOT N2 Mscf	INJ RATE bbl/min
08:47:30	1474	16.0	160.9	27262	64.3	280.4	80.3
08:47:50	1474	16.0	166.3	27240	64.3	289.5	80.3
08:48:10	1469	16.0	171.6	27304	64.4	298.6	80.5
08:48:30	1469	16.0	177.0	27334	64.5	307.7	80.5
08:48:50	1465	16.0	182.4	27352	64.5	316.9	80.5
08:49:10	1465	16.1	187.7	27324	64.4	326.0	80.5
08:49:30	1465	16.1	193.1	27400	64.7	335.1	80.8
08:49:50	1460	16.0	198.5	27302	64.4	344.2	80.4
08:50:10	1456	16.1	203.8	27324	64.4	353.3	80.5
08:50:30	1460	16.0	209.2	27242	64.3	362.4	80.3
08:50:50	1456	16.0	214.5	27344	64.4	371.5	80.5
08:51:10	1456	16.0	219.9	27354	64.6	380.6	80.6
08:51:30	1456	16.1	225.2	27340	64.5	389.8	80.6
08:51:50	1460	16.0	230.6	27316	64.5	398.9	80.6
08:52:10	1460	16.1	235.9	27314	64.4	408.0	80.5
08:52:30	1456	16.0	241.3	27366	64.5	417.1	80.6
08:52:50	1451	16.0	246.6	27342	64.5	426.2	80.5
08:53:10	1451	16.1	252.0	27324	64.5	435.3	80.6
08:53:30	1451	16.0	257.3	27366	64.5	444.4	80.5
08:53:50	1451	16.0	262.6	27320	64.4	453.5	80.5
08:54:10	1451	16.0	268.0	27324	64.4	462.6	80.5
08:54:30	1451	16.1	273.3	27344	64.5	471.7	80.6
08:54:50	1451	16.1	278.7	27390	64.5	480.9	80.7
08:55:10	1451	16.0	284.0	27342	64.5	490.0	80.6
08:55:30	1451	16.0	289.4	27380	64.7	499.1	80.7
08:55:50	1456	16.0	294.7	27430	64.6	508.2	80.7
08:56:10	1460	16.0	300.1	27502	64.7	517.4	80.7
08:56:30	1460	16.0	305.4	27446	64.8	526.5	80.8
08:56:50	1465	16.0	310.8	27462	64.7	535.7	80.7
08:57:10	1460	16.1	316.1	27442	64.7	544.8	80.8
08:57:30	1460	16.1	321.5	27260	64.2	553.9	80.3
08:57:50	1465	16.1	326.8	27344	64.3	563.0	80.5
08:58:10	1465	16.1	332.2	27330	64.5	572.1	80.6
08:58:30	1465	16.0	337.5	27290	64.5	581.2	80.5
08:58:50	1465	16.0	342.9	27194	64.1	590.3	80.2
08:59:10	1460	16.1	348.2	27254	64.1	599.4	80.2
08:59:30	1460	16.0	353.5	27174	64.1	608.4	80.1
08:59:50	1456	16.0	358.9	27204	64.2	617.5	80.2
09:00:10	1451	16.0	364.2	27194	64.2	626.6	80.2
09:00:30	1451	16.1	369.6	27226	64.2	635.7	80.3
09:00:50	1447	16.0	374.9	27198	64.2	644.7	80.3
09:01:10	1447	16.0	380.3	27278	64.2	653.8	80.2
09:01:30	1447	16.1	385.6	27258	64.2	662.9	80.4
09:01:50	1447	16.0	391.0	27200	64.2	672.0	80.3
09:02:10	1451	16.0	396.3	27282	64.3	681.0	80.4
09:02:30	1447	16.0	401.7	27144	64.0	690.1	80.0
09:02:50	1447	16.1	407.0	27220	64.2	699.2	80.3
09:03:10	1447	16.1	412.4	27200	64.2	708.3	80.3
09:03:30	1447	16.1	417.7	27220	64.2	717.3	80.3
09:03:50	1447	16.1	423.1	27198	64.2	726.4	80.3
09:04:10	1447	16.0	428.4	27180	64.1	735.5	80.1
09:04:30	1447	16.1	433.8	27220	64.2	744.6	80.3
09:04:50	1442	16.1	439.1	27260	64.2	753.6	80.3
09:05:10	1442	16.0	444.5	27182	64.1	762.7	80.1
09:05:30	1442	16.1	449.9	27240	64.2	771.8	80.3
09:05:50	1442	16.1	455.2	27246	64.2	780.8	80.3
09:06:10	1447	16.1	460.6	27206	64.2	789.9	80.3
09:06:30	1442	16.0	465.9	27234	64.2	799.0	80.3
09:06:50	1447	16.0	471.3	27244	64.3	808.1	80.3
09:07:10	1447	16.0	476.6	27276	64.3	817.2	80.3
09:07:30	1442	16.1	482.0	27258	64.2	826.2	80.4
09:07:50	1447	16.1	487.3	27200	64.2	835.3	80.3
09:08:10	1447	16.0	492.7	27262	64.3	844.4	80.3

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Well: Carile 1-2

Job Date: 04-17-2001

AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 RATE scf/min	N2 PUMP RATE bbl/min	TOT N2 Mscf	INJ RATE bbl/min
09:08:30	1447	16.0	498.0	27258	64.3	853.5	80.4
09:08:50	1447	16.1	503.4	27234	64.2	862.6	80.3
09:09:10	1447	16.0	508.7	27270	64.3	871.7	80.3
09:09:30	1447	16.0	514.1	27236	64.2	880.7	80.3
09:09:50	1451	16.1	519.4	27196	64.2	889.8	80.3
09:10:10	1451	16.0	524.8	27216	64.2	898.9	80.2
09:10:30	1451	16.1	530.1	27198	64.0	907.9	80.2
09:10:50	1419	16.1	535.5	27202	64.2	917.0	80.3
09:11:10	1369	16.1	540.9	27202	64.1	926.1	80.2
09:11:30	1314	16.2	546.2	27222	64.2	935.1	80.4
<b>09:11:45</b>	<b>Started Flush Automatically</b>						
09:11:45	1250	14.5	550.3	27264	64.4	942.0	78.8
09:11:50	1195	0.0	550.5	27280	64.3	944.2	64.3
09:12:10	1195	0.0	550.5	27240	64.2	953.3	64.2
09:12:30	1236	0.0	550.5	27278	64.3	962.4	64.3
<b>09:12:49</b>	<b>Stage at Perfs: Flush</b>						
09:12:49	1250	0.0	550.5	27234	64.2	971.0	64.2
09:12:50	1227	0.0	550.5	39893	64.2	971.6	64.2
09:13:10	1122	0.0	550.5	4382	11.1	975.9	11.1
09:13:30	1112	0.0	550.5	1641	3.9	975.9	3.9
09:13:50	1103	0.0	550.5	0	0.0	975.9	0.0
09:14:10	1094	0.0	550.5	0	0.0	975.9	0.0
09:14:30	1067	0.0	550.5	0	0.0	975.9	0.0
09:14:50	-27	0.5	550.5	0	0.0	975.9	0.5
09:15:10	-18	0.0	550.5	0	0.0	975.9	0.0
09:15:30	-14	0.0	550.5	0	0.0	975.9	0.0

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