

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: 33223  
Wellsite Geologist: N. A.

RECEIVED

SEP 26 2003

KCC WICHITA

Designate Type of Completion: RE-ENTRY  
\_\_\_\_ 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: KUHN UNIT, WELL #3

Original Comp. Date: 9-9-95 Original Total Depth: 2967'  
\_\_\_\_ 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. \_\_\_\_\_

4-14-03 8-12-95 4-18-03  
~~START~~ Date of **START** Date Reached TD Completion Date of

OF WORKOVER

WORKOVER

API No. 15 - 189-21948-00-01  
County: Stevens  
SW NE NE Sec. 15 Twp. 33 S. R. 37  East  West  
1250' FNL feet from S (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: KUHN UNIT Well #: 3

Field Name: Hugoton  
Producing Formation: Chase  
Elevation: Ground: 3081 Kelly Bushing: 3091  
Total Depth: 2967 Plug Back Total Depth: 2938  
Amount of Surface Pipe Set and Cemented at 681 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 REWORK g. 7. 12/04/03  
(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: 9/22/03

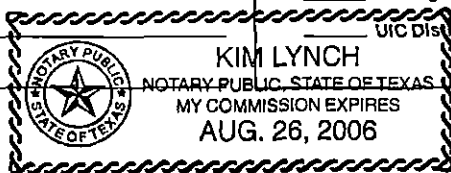
Subscribed and sworn to before me this 22nd day of September, 2003

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: KUHN UNIT Well #: 3  
 Sec. 15 Twp. 33 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;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>GLORIETTA</td> <td>1190</td> <td>1374</td> </tr> <tr> <td>STONE CORRAL</td> <td>1668</td> <td>1726</td> </tr> <tr> <td>CHASE</td> <td>2555</td> <td>2892</td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2892</td> <td>--</td> </tr> </tbody> </table>	Name	Top	Datum	GLORIETTA	1190	1374	STONE CORRAL	1668	1726	CHASE	2555	2892	COUNCIL GROVE	2892	--
Name	Top	Datum														
GLORIETTA	1190	1374														
STONE CORRAL	1668	1726														
CHASE	2555	2892														
COUNCIL GROVE	2892	--														

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#	681	CLASS C	215, 150	50:50 c/poz
PRODUCTION	7.78	5.500	14#	2947	CLASS C	300, 150	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	2588' - 2790'	FRAC'D WELL WITH 100,000 gals OF	
		80Q wf130 @ 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. 9-7-95		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

Vented    Sold    Used on Lease     
  Open Hole    Perf.    Dually Comp.    Commingled  
*(If vented, Sumit ACO-18.)*     
  Other (Specify) \_\_\_\_\_

# ORIGINAL

<p style="text-align: center; font-weight: bold; font-size: 1.2em;">Schamberger</p> <p>Job Date: 02/07/2003</p>	<p>Customer: EXXON MOBIL          District: PERRYTON          Representative: MR. RICHARD LEWIS          DS Supervisor: HUMAIR SHAIKH          Well: KUHN 3</p>
---	---

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
04:15:2003:12:30:28	13	0.0	0.0	0	0.0	0.0
04:15:2003:12:30:48	12	0.0	0.0	0	0.0	0.0
04:15:2003:12:31:08	12	0.0	0.0	0	0.0	0.0
04:15:2003:12:31:28	12	0.0	0.0	0	0.0	0.0
04:15:2003:12:31:48	59	0.0	0.0	0	0.0	0.0
04:15:2003:12:32:08	31	0.0	0.0	0	0.0	0.0
04:15:2003:12:32:28	27	0.0	0.0	0	0.0	0.0
04:15:2003:12:32:48	45	3.0	0.0	0	3.1	0.0
04:15:2003:12:33:08	51	3.0	0.0	0	3.0	0.0
04:15:2003:12:33:28	201	6.2	0.0	0	6.2	0.0
04:15:2003:12:33:48	23	0.0	0.0	0	0.0	0.0
04:15:2003:12:34:08	27	0.0	0.0	0	0.0	0.0
04:15:2003:12:34:28	27	0.0	0.0	0	0.0	0.0
04:15:2003:12:34:48	27	0.0	0.0	0	0.0	0.0
04:15:2003:12:35:08	27	0.0	0.0	0	0.0	0.0
04:15:2003:12:35:28	69	0.0	0.0	0	0.0	0.0
04:15:2003:12:35:48	164	0.7	0.0	0	1.0	0.0
04:15:2003:12:36:08	287	0.9	0.0	0	0.7	0.0
04:15:2003:12:36:28	499	20.0	0.0	0	0.1	0.0
04:15:2003:12:36:48	463	20.0	0.0	0	20.0	0.0
04:15:2003:12:37:08	276	20.0	0.0	0	20.0	0.0
04:15:2003:12:37:28	276	20.0	0.0	0	20.0	0.0
04:15:2003:12:37:48	274	20.0	0.0	0	20.0	0.0
04:15:2003:12:38:08	276	20.0	0.0	0	20.0	0.0
04:15:2003:12:38:28	274	20.0	0.0	0	20.0	0.0
04:15:2003:12:38:48	278	20.0	0.0	0	20.0	0.0
04:15:2003:12:39:08	276	20.0	0.0	0	20.0	0.0
04:15:2003:12:39:28	280	20.0	0.0	0	20.0	0.0
04:15:2003:12:39:48	3497	0.0	0.0	0	0.0	0.0
04:15:2003:12:40:08	3328	0.0	0.0	0	0.0	0.0
04:15:2003:12:40:28	201	0.0	0.0	0	0.0	0.0
04:15:2003:12:40:48	195	0.0	0.0	0	0.0	0.0
04:15:2003:12:41:08	191	0.0	0.0	0	0.0	0.0
04:15:2003:12:41:28	181	0.0	0.0	0	0.0	0.0
04:15:2003:12:41:48	181	0.0	0.0	0	0.0	0.0
04:15:2003:12:42:07	Started PAD					
04:15:2003:12:42:07	31	0.0	0.0	0	0.0	0.0
04:15:2003:12:42:08	34	0.0	0.0	0	0.0	0.0
04:15:2003:12:42:28	39	7.4	1.2	100	7.4	1.1
04:15:2003:12:42:48	192	8.0	3.8	12759	38.0	10.7
04:15:2003:12:43:08	299	8.0	6.5	13097	38.9	23.4
04:15:2003:12:43:28	362	8.1	9.2	13482	39.7	36.6
04:15:2003:12:43:48	389	8.1	11.8	13561	39.8	49.8
04:15:2003:12:44:08	Stage at Perfs: PAD					
04:15:2003:12:44:08	401	8.0	14.5	13593	40.0	63.2
04:15:2003:12:44:28	454	8.0	17.2	13590	40.0	76.5
04:15:2003:12:44:48	706	16.3	21.9	23407	71.1	95.4
04:15:2003:12:45:08	1057	16.0	27.3	26976	79.4	120.5
04:15:2003:12:45:28	1261	15.9	32.6	27105	79.6	147.0
04:15:2003:12:45:48	1459	15.8	37.9	27115	79.7	173.5
04:15:2003:12:46:08	1587	15.8	43.1	27115	79.6	200.1
04:15:2003:12:46:28	1673	15.7	48.4	27174	79.7	226.6
04:15:2003:12:46:48	1744	15.8	53.7	27225	79.7	253.2
04:15:2003:12:47:08	1723	15.8	58.9	27194	79.8	279.8
04:15:2003:12:47:28	1759	14.8	64.2	27204	79.0	306.5
04:15:2003:12:47:48	1702	15.3	69.3	27164	79.4	332.9
04:15:2003:12:48:08	1744	16.0	74.5	27185	79.9	359.4
04:15:2003:12:48:28	1713	16.0	79.8	27176	79.9	386.0
04:15:2003:12:48:48	1700	15.4	84.9	27174	79.3	412.4
04:15:2003:12:49:08	1674	15.6	90.0	27182	79.6	438.9
04:15:2003:12:49:28	1707	15.8	95.2	27161	79.5	465.4
04:15:2003:12:49:48	1755	15.8	100.5	27137	79.8	492.0
04:15:2003:12:50:08	1734	15.7	105.8	27137	79.7	518.6
04:15:2003:12:50:28	1714	15.9	111.1	27147	79.9	545.2
04:15:2003:12:50:48	1803	16.0	116.5	27147	79.9	571.8
04:15:2003:12:51:08	1743	16.0	121.8	27147	80.0	598.4
04:15:2003:12:51:28	1742	16.0	127.2	27127	80.0	625.0
04:15:2003:12:51:48	1788	16.0	132.5	27147	80.0	651.7
04:15:2003:12:52:08	1723	16.1	137.9	27137	80.0	678.3
04:15:2003:12:52:28	1750	16.0	143.2	27147	80.0	705.0
04:15:2003:12:52:48	1706	16.1	148.6	27144	79.9	731.6
04:15:2003:12:53:08	1726	16.1	154.0	27144	80.0	758.3
04:15:2003:12:53:28	1682	16.1	159.3	27124	80.0	785.0
04:15:2003:12:53:48	1744	16.1	164.7	27134	80.0	811.6
04:15:2003:12:54:08	1709	16.1	170.1	27154	80.0	838.3
04:15:2003:12:54:28	1673	16.1	175.4	27147	80.0	864.9
04:15:2003:12:54:48	1715	16.0	180.8	27152	80.0	891.6
04:15:2003:12:55:08	1710	16.1	186.2	27156	80.0	918.3
04:15:2003:12:55:28	1757	16.2	191.6	27169	80.0	944.9
04:15:2003:12:55:48	1779	16.1	196.9	27180	80.2	971.6
04:15:2003:12:56:08	1728	16.1	202.3	27174	80.1	998.3
04:15:2003:12:56:28	1684	16.1	207.7	27187	80.2	1025.0
04:15:2003:12:56:48	1667	16.1	213.1	27192	80.2	1051.7

RECEIVED  
 SEP 26 2003  
 KCC WICHITA

Well: KUHN 3

Job Date: 02/07/2003

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
04:15:2003:12:57:28	1857	18.2	223.9	27184	80.1	1105.2
04:15:2003:12:57:48	1650	16.1	229.3	27194	80.2	1131.6
04:15:2003:12:58:08	1644	16.2	234.7	27185	80.2	1158.6
04:15:2003:12:58:28	1647	16.2	240.1	27194	80.1	1185.3
04:15:2003:12:58:48	1645	16.1	245.4	27184	80.2	1212.0
04:15:2003:12:59:08	1645	16.2	250.8	27175	80.1	1238.8
04:15:2003:12:59:28	1644	16.1	256.2	27184	80.2	1265.5
04:15:2003:12:59:48	1640	16.1	261.6	27194	80.2	1292.2
04:15:2003:13:00:08	1636	16.2	267.0	27184	80.2	1318.9
04:15:2003:13:00:28	1632	16.1	272.4	27204	80.3	1345.7
04:15:2003:13:00:48	1631	16.2	277.8	27204	80.3	1372.4
04:15:2003:13:01:08	1631	16.1	283.2	27214	80.2	1399.1
04:15:2003:13:01:28	1631	16.2	288.6	27215	80.2	1425.9
04:15:2003:13:01:48	1631	16.2	294.0	27204	80.1	1452.6
04:15:2003:13:02:08	1631	16.2	299.4	27195	80.1	1479.3
04:15:2003:13:02:28	1630	16.2	304.8	27204	80.3	1506.1
04:15:2003:13:02:48	1629	16.2	310.2	27184	80.1	1532.8
04:15:2003:13:03:08	1631	16.2	315.6	27184	80.1	1559.5
04:15:2003:13:03:28	1634	16.1	321.0	27194	80.2	1586.3
04:15:2003:13:03:48	1634	16.2	326.4	27184	80.2	1613.0
04:15:2003:13:04:08	1635	16.2	331.8	27194	80.2	1639.7
04:15:2003:13:04:28	1637	16.2	337.2	27204	80.2	1666.5
04:15:2003:13:04:48	1639	16.2	342.6	27184	80.2	1693.2
04:15:2003:13:05:08	1641	16.2	348.0	27184	80.2	1719.9
04:15:2003:13:05:28	1643	16.2	353.4	27204	80.3	1746.7
04:15:2003:13:05:48	1648	16.2	358.8	27214	80.2	1773.4
04:15:2003:13:06:08	1652	16.2	364.2	27194	80.2	1800.1
04:15:2003:13:06:28	1543	16.2	369.7	27184	80.3	1826.9
04:15:2003:13:06:48	1432	16.2	375.1	27214	80.2	1853.6
04:15:2003:13:07:08	1587	16.2	380.5	27204	80.2	1880.4
04:15:2003:13:07:28	1636	16.2	385.9	27184	80.2	1907.1
04:15:2003:13:07:48	1668	16.3	391.3	27215	80.3	1933.8
04:15:2003:13:08:08	1677	16.2	396.7	27205	80.3	1960.6
04:15:2003:13:08:28	1678	16.2	402.1	27194	80.2	1987.3
04:15:2003:13:08:48	1677	16.2	407.5	27201	80.2	2014.1
04:15:2003:13:09:08	1672	16.2	412.9	27213	80.2	2040.8
04:15:2003:13:09:28	1666	16.2	418.3	27177	80.2	2067.5
04:15:2003:13:09:48	1660	16.2	423.7	27026	79.8	2094.2
04:15:2003:13:10:08	1654	16.3	429.1	28574	78.8	2120.8
04:15:2003:13:10:28	1621	16.3	434.6	22509	69.0	2144.6
04:15:2003:13:10:48	1490	16.3	440.0	23922	72.3	2168.7
04:15:2003:13:11:08	1534	16.2	445.4	28254	76.1	2193.5
04:15:2003:13:11:28	1541	16.2	450.8	23342	71.5	2219.3
04:15:2003:13:11:48	1553	16.2	456.3	23952	72.7	2243.5
04:15:2003:13:12:08	1555	16.3	461.7	23952	72.6	2267.7
04:15:2003:13:12:28	1554	16.1	467.1	23962	72.6	2291.9
04:15:2003:13:12:48	1557	13.7	471.9	23962	70.0	2315.6
04:15:2003:13:13:08	. Started FLUSH Automatically					
04:15:2003:13:13:08	1427	2.2	476.3	23952	66.7	2336.8
04:15:2003:13:13:28	1355	0.0	476.3	23942	56.4	2357.7
04:15:2003:13:13:48	1378	0.0	476.3	23962	57.5	2376.7
04:15:2003:13:14:08	1347	0.0	476.3	23972	56.4	2395.6
04:15:2003:13:14:16	Stage at Perfs: FLUSH					
04:15:2003:13:14:16	1345	0.0	476.3	23952	56.4	2403.1
04:15:2003:13:14:28	1207	0.0	476.3	0	0.0	2407.4

RECEIVED  
SF 2 5 3  
KCC WICHITA