

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 ____ 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: MOOREHEAD #1 UNIT, WELL #3

Original Comp. Date: 4-30-87 Original Total Depth: 6550'

____ 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>5-17-02</u>	<u>4-7-87</u>	<u>5-23-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-20991-00-02

County: Stevens

C NE NE Sec. 31 Twp. 32 S. R. 36 East West

4620' FNL feet from S (N) (circle one) Line of Section

660' 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: MOOREHEAD #1 UNIT Well #: 3

Field Name: WALKEMEYER

Producing Formation: Chase

Elevation: Ground: 3098 Kelly Bushing: 3112

Total Depth: 6550 Plug Back Total Depth: 5975

Amount of Surface Pipe Set and Cemented at 1785 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 Workover UA 103-03
(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

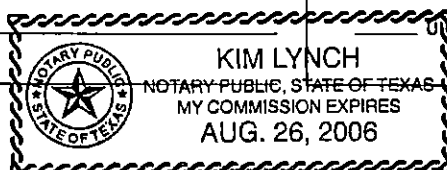
Title: Contract Completions Admin Date: 9/19/03

Subscribed and sworn to before me this 19th day of September

2003

Notary Public: Kim Lynch

Date Commission Expires: Aug. 26, 2006



KCC Office Use ONLY

N Letter of Confidentiality Attached

If Denied, Yes Date: _____

N Wireline Log Received

N Geologist Report Received

Distribution

X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: MOOREHEAD #1 UNIT Well #: 3
 Sec. 31 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> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>CHASE</td> <td>2614</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2952</td> <td></td> </tr> <tr> <td>ADMIRE</td> <td>3210</td> <td></td> </tr> <tr> <td>HEEBNER</td> <td>4180</td> <td></td> </tr> <tr> <td>KANSAS CITY</td> <td>4380</td> <td></td> </tr> </table>	Name	Top	Datum	CHASE	2614		COUNCIL GROVE	2952		ADMIRE	3210		HEEBNER	4180		KANSAS CITY	4380	
Name	Top	Datum																	
CHASE	2614																		
COUNCIL GROVE	2952																		
ADMIRE	3210																		
HEEBNER	4180																		
KANSAS CITY	4380																		

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#	1785	C	725	
PRODUCTION	7.875	5.500	14#	6514	H	960	

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	2596' - 2663'	FRAC'D WELL WITH 970,300 scf	
3 SPF	2686' - 2716'	80Q N2 FOAM @ 80BPM	
1 SPF	2736' - 2770'		

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.			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 Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Schlumberger	Customer: Exxon Mobil
	District: Ulysses
	Representative: Richard Lewis
	DS Supervisor: Dave Brawley
	Well: Moorehead #3
Job Date: 05-20-2002	

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SURF FOAM QUALITY %	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT SLUR bbl	TOT N2 Mscf
Pressure Test Lines								
05:20:2002:07:50:23	325	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:50:23	1497	0.0	0.1	0.0	0	0.0	0.0	0.0
05:20:2002:07:50:53	2948	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:51:23	2783	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:51:53	2705	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:52:23	2696	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:52:53	2692	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:53:23	2660	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:53:53	211	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:54:23	357	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:54:53	439	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:55:23	513	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:55:53	577	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:56:23	636	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:56:53	696	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:57:23	751	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:57:53	797	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:58:23	847	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:58:53	893	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:59:23	929	0.0	0.0	0.0	0	0.0	0.0	0.0
05:20:2002:07:59:53	1021	0.0	0.0	0.0	4923	0.0	0.0	0.0
05:20:2002:08:00:57	1057	0.0	0.0	0.0	2891	0.0	0.0	0.0
05:20:2002:08:01:27	1085	0.0	0.0	0.0	2691	0.0	0.0	0.0
05:20:2002:08:01:57	1117	0.0	0.0	0.0	2841	0.0	0.0	0.0
05:20:2002:08:02:27	1144	0.0	0.0	0.0	3132	0.0	0.0	0.0
05:20:2002:08:02:57	1167	0.0	0.0	0.0	2311	0.0	0.0	0.0
05:20:2002:08:03:27	1186	0.0	0.0	0.0	3092	0.0	0.0	0.0
05:20:2002:08:03:57	1250	0.0	0.0	0.0	3062	0.0	0.0	0.0
05:20:2002:08:06:31	-50	0.0	0.0	0.0	3722	0.0	0.0	0.0
05:20:2002:08:14:49	Started Pad							
05:20:2002:08:15:14	37	0.0	0.0	0.0	11316	0.0	0.0	0.0
05:20:2002:08:15:19	73	100.0	34.1	0.0	14357	1.8	0.0	1.1
05:20:2002:08:15:28	Stage at Perfs: Pad							
05:20:2002:08:15:28	137	100.0	296.8	0.0	14177	58.5	0.0	3.2
05:20:2002:08:15:49	233	94.2	127.8	7.3	10295	132.4	0.9	8.1
05:20:2002:08:16:19	430	91.7	95.1	8.0	13607	191.1	4.9	14.5
05:20:2002:08:16:49	641	80.3	40.0	7.9	13657	222.1	8.8	21.3
05:20:2002:08:17:19	1186	81.2	80.5	15.0	27754	254.3	15.0	32.7
05:20:2002:08:17:49	1932	81.1	78.5	14.6	27014	293.9	22.6	46.2
05:20:2002:08:18:19	1909	80.3	80.3	15.9	27304	333.5	30.2	59.8
05:20:2002:08:18:49	1726	80.1	81.2	16.2	27484	373.9	38.3	73.5
05:20:2002:08:19:19	1680	79.7	80.4	16.3	27224	414.2	46.4	87.1
05:20:2002:08:19:49	1662	79.9	80.5	16.3	27234	454.6	54.5	100.8
05:20:2002:08:20:19	1648	79.8	80.6	16.3	27254	494.8	62.7	114.4
05:20:2002:08:20:49	1620	79.7	80.7	16.4	27354	535.2	70.8	128.1
05:20:2002:08:21:19	1552	79.7	80.7	16.4	27294	575.6	79.0	141.8
05:20:2002:08:21:49	1538	79.7	80.9	16.4	27274	616.0	87.2	155.4
05:20:2002:08:22:19	1538	79.3	81.0	16.8	27294	656.5	95.5	169.0
05:20:2002:08:22:49	1534	79.5	81.1	16.7	27334	697.1	103.9	182.7
05:20:2002:08:23:19	1529	79.7	80.9	16.3	27314	737.5	112.1	196.4
05:20:2002:08:23:49	1520	79.7	80.9	16.3	27314	777.9	120.3	210.0
05:20:2002:08:24:19	1529	79.8	80.8	16.4	27344	818.3	128.5	223.7
05:20:2002:08:24:49	1529	79.7	80.9	16.4	27324	858.8	136.7	237.4
05:20:2002:08:25:19	1515	80.0	80.5	16.0	27334	899.1	144.8	251.0
05:20:2002:08:25:49	1520	80.3	80.3	15.8	27354	939.3	152.7	264.7
05:20:2002:08:26:19	1520	80.2	80.3	15.9	27364	979.5	160.6	278.4
05:20:2002:08:26:49	1511	80.3	80.4	15.8	27324	1019.6	168.6	292.0
05:20:2002:08:27:19	1515	80.2	80.2	15.9	27324	1059.8	176.5	305.7
05:20:2002:08:27:49	1515	80.2	80.2	15.8	27294	1099.9	184.4	319.4
05:20:2002:08:28:19	1520	80.2	80.2	15.8	27294	1140.0	192.3	333.0
05:20:2002:08:28:49	1515	80.2	80.3	15.9	27284	1180.1	200.3	346.7
05:20:2002:08:29:19	1515	80.2	80.2	15.9	27294	1220.3	208.2	360.3
05:20:2002:08:29:49	1511	80.2	80.2	15.9	27294	1260.4	216.2	373.9
05:20:2002:08:30:19	1511	80.1	80.2	15.9	27284	1300.6	224.1	387.6
05:20:2002:08:30:49	1506	80.1	80.3	16.0	27314	1340.7	232.1	401.2
05:20:2002:08:31:19	1506	80.1	80.3	16.0	27314	1380.9	240.1	414.9
05:20:2002:08:31:49	1501	80.1	80.4	15.9	27324	1421.2	248.1	428.6
05:20:2002:08:32:19	1511	80.1	80.5	16.0	27344	1461.4	256.1	442.2
05:20:2002:08:32:49	1506	80.1	80.5	16.0	27324	1501.6	264.1	455.9
05:20:2002:08:33:19	1501	80.1	80.5	16.0	27344	1541.9	272.1	469.6

Well: Moorehead #3

Job Date: 05-20-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SURF FOAM QUALITY %	INJ RATE bbf/min	SLUR RATE bbf/min	N2 RATE scf/min	TOT INJ bbl	TOT SLUR bbl	TOT N2 Mscf	
05:20:2002:08:34:49	1520	80.0	80.1	16.0	27234	1662.6	296.1	510.6	
05:20:2002:08:35:19	1520	80.0	80.1	16.0	27234	1702.7	304.1	524.2	
05:20:2002:08:35:49	1520	80.2	80.2	16.0	27254	1742.8	312.1	537.8	
05:20:2002:08:36:19	1524	80.0	80.3	16.0	27234	1782.9	320.1	551.4	
05:20:2002:08:36:49	1515	80.0	80.3	16.2	27234	1823.1	328.1	565.0	
05:20:2002:08:37:19	1506	80.0	80.4	16.0	27254	1863.2	336.2	578.7	
05:20:2002:08:37:49	1511	80.0	80.3	16.2	27254	1903.4	344.2	592.3	
05:20:2002:08:38:19	1515	80.0	80.3	16.2	27264	1943.6	352.2	605.9	
05:20:2002:08:38:49	1520	79.9	80.5	16.0	27284	1983.8	360.3	619.6	
05:20:2002:08:39:19	1515	80.0	80.5	16.0	27264	2024.0	368.3	633.2	
05:20:2002:08:39:49	1520	80.1	80.5	16.0	27264	2064.2	376.4	646.8	
05:20:2002:08:40:19	1520	79.9	80.6	16.0	27304	2104.4	384.4	660.5	
05:20:2002:08:40:49	1511	79.9	80.3	16.2	27254	2144.6	392.5	674.1	
05:20:2002:08:41:19	1520	79.9	80.5	16.2	27264	2184.8	400.5	687.7	
05:20:2002:08:41:49	1520	79.9	80.4	16.2	27254	2225.0	408.6	701.4	
05:20:2002:08:42:19	1524	79.9	80.4	16.2	27274	2265.2	416.7	715.0	
05:20:2002:08:42:49	1524	80.0	80.5	16.2	27284	2305.5	424.7	728.6	
05:20:2002:08:43:19	1524	80.1	80.5	16.0	27274	2345.7	432.8	742.3	
05:20:2002:08:43:49	1529	79.9	80.4	16.0	27274	2385.9	440.8	755.9	
05:20:2002:08:44:19	1529	79.9	80.5	16.0	27284	2426.1	448.9	769.6	
05:20:2002:08:44:49	1529	79.9	80.4	16.2	27284	2466.4	456.9	783.2	
05:20:2002:08:45:19	1534	80.1	80.6	16.0	27334	2506.6	465.0	796.9	
05:20:2002:08:45:49	1534	80.1	80.5	16.0	27284	2546.9	473.0	810.5	
05:20:2002:08:46:19	1534	80.1	80.4	16.2	27314	2587.1	481.0	824.2	
05:20:2002:08:46:49	1534	80.1	80.4	16.0	27294	2627.3	489.1	837.8	
05:20:2002:08:47:19	1538	80.1	80.4	16.0	27304	2667.5	497.1	851.5	
05:20:2002:08:47:49	1534	80.1	80.4	16.0	27324	2707.8	505.1	865.1	
05:20:2002:08:48:19	1534	80.1	80.4	16.0	27314	2748.0	513.1	878.8	
05:20:2002:08:48:49	1529	80.1	80.6	16.0	27354	2788.3	521.2	892.4	
05:20:2002:08:49:19	1529	80.1	80.5	16.0	27334	2828.5	529.2	906.1	
05:20:2002:08:49:49	1465	79.8	80.7	16.3	27344	2868.8	537.2	919.8	
05:20:2002:08:50:19	1355	79.7	80.9	16.5	27354	2909.3	545.5	933.5	
05:20:2002:08:50:36	Started Flush Automatically								
05:20:2002:08:50:36	1250	79.7	80.8	11.2	27364	2932.2	550.1	941.2	
05:20:2002:08:50:49	1195	100.0	64.6	0.4	27364	2946.5	550.2	947.1	
05:20:2002:08:51:19	1227	100.0	64.3	0.0	27254	2978.7	550.2	960.8	
05:20:2002:08:51:37	Stage at Perfs: Flush								
05:20:2002:08:51:37	1222	100.0	64.3	0.0	27264	2998.0	550.2	969.0	
05:20:2002:08:51:49	1089	100.0	0.0	0.0	20	3002.3	550.2	970.3	