

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.

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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: V.B. TATE WELL#1

Original Comp. Date: 6-30-95 Original Total Depth: 5400'

____ 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>4-26-02</u>	<u>10-31-86</u>	<u>5-3-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 093-20863-00-02

County: Kearney

W/2 W/2 W/2 Sec. 36 Twp. 25 S. R. 35 East West

2640 FSL feet from (S) / N (circle one) Line of Section

4949 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: TATE ESTATE "A" UNIT Well #: 3

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 3003 Kelly Bushing: 3013

Total Depth: 5400 Plug Back Total Depth: 3195

Amount of Surface Pipe Set and Cemented at 947 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 DWWD KGR 2-1-08
(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: 7-9-03

Subscribed and sworn to before me this 10 day of July

2003

Notary Public: Tiffany A. Stebbins

Date Commission Expires: 9-27-05



TIFFANY A. STEBBINS
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
SEPT. 27, 2005

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: TATE ESTATE "A" UNIT Well #: 3
 Sec. 36 Twp. 25 S. R. 35 East West County: Kearney

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 border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>U. KRIDER</td> <td>2560</td> <td>2566</td> </tr> <tr> <td>L. KRIDER</td> <td>2580</td> <td>2590</td> </tr> <tr> <td>WINFIELD</td> <td>2626</td> <td>2636</td> </tr> <tr> <td>TOWANDA</td> <td>2682</td> <td>2697</td> </tr> <tr> <td>FT. RILEY</td> <td>2720</td> <td>2730</td> </tr> </tbody> </table>	Name	Top	Datum	U. KRIDER	2560	2566	L. KRIDER	2580	2590	WINFIELD	2626	2636	TOWANDA	2682	2697	FT. RILEY	2720	2730
Name	Top	Datum																	
U. KRIDER	2560	2566																	
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WINFIELD	2626	2636																	
TOWANDA	2682	2697																	
FT. RILEY	2720	2730																	

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#	947'		470	
PRODUCTION	7.875	5.500	15.5#	5400'		200, 270	

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	2560' - 2730'	FRAC'D WELL WITH 976,200 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. 8-7-95	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 _____

Schlumberger Job Date: 04-30-2002	Customer: Exxon Mobil
	District: Ulysses
	Representative: Mr. Richard Lewis
	DS Supervisor: Dave Brawley
	Well: Tate Estate A-3

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	BH INJ RATE bbl/min	N2 RATE scf/min	TOT N2 Mscf	BH FOAM QUALITY %
04:30:2002:12:20:54	50	0.0	0.0	18.5	7824	0.1	0.0
04:30:2002:12:21:14	188	0.0	0.0	28.0	11856	3.6	0.0
04:30:2002:12:21:34	256	6.0	0.8	37.1	13197	7.9	0.0
04:30:2002:12:21:54	330	7.9	3.2	39.7	13477	12.3	0.0
04:30:2002:12:22:14	412	8.0	5.9	39.8	13477	16.8	0.0
04:30:2002:12:22:34	508	8.1	8.6	39.9	13467	21.3	0.0
04:30:2002:12:22:38	Stage at Perfs: PAD						
04:30:2002:12:22:38	536	8.0	9.1	39.7	13447	22.2	0.0
04:30:2002:12:22:54	687	8.0	11.2	39.8	13487	25.8	97.9
04:30:2002:12:23:14	783	7.1	13.9	36.2	12326	30.3	80.4
04:30:2002:12:23:34	1080	14.9	18.3	75.3	25603	36.9	80.1
04:30:2002:12:23:54	1346	16.0	23.5	79.7	27014	45.9	79.9
04:30:2002:12:24:14	1566	15.9	28.8	79.5	26964	54.9	79.8
04:30:2002:12:24:34	1703	15.9	34.2	79.8	27114	63.9	79.9
04:30:2002:12:24:54	1739	15.9	39.5	79.8	27114	72.9	80.0
04:30:2002:12:25:14	1744	15.9	44.8	80.3	27304	82.0	80.0
04:30:2002:12:25:34	1735	15.9	50.1	80.2	27284	91.1	80.1
04:30:2002:12:25:54	1703	15.9	55.4	80.2	27274	100.2	80.1
04:30:2002:12:26:14	1680	15.9	60.7	80.2	27264	109.3	80.2
04:30:2002:12:26:34	1657	15.9	66.0	80.2	27284	118.4	80.1
04:30:2002:12:26:54	1639	15.9	71.3	80.3	27294	127.5	80.1
04:30:2002:12:27:14	1630	15.9	76.7	80.3	27294	136.6	80.1
04:30:2002:12:27:34	1620	16.0	82.0	80.4	27294	145.6	80.1
04:30:2002:12:27:54	1611	15.9	87.3	80.3	27294	154.7	80.1
04:30:2002:12:28:14	1602	16.0	92.6	80.4	27294	163.8	80.1
04:30:2002:12:28:34	1593	16.0	97.9	80.4	27304	173.0	80.1
04:30:2002:12:28:54	1588	16.0	103.3	80.3	27264	182.1	80.1
04:30:2002:12:29:14	1579	15.9	108.6	80.2	27274	191.1	80.1
04:30:2002:12:29:34	1575	16.0	113.9	80.3	27254	200.2	80.1
04:30:2002:12:29:54	1570	16.0	119.2	80.4	27294	209.3	80.1
04:30:2002:12:30:14	1566	16.0	124.6	80.4	27284	218.4	80.1
04:30:2002:12:30:34	1556	16.0	129.9	80.3	27264	227.5	80.1
04:30:2002:12:30:54	1552	15.9	135.2	80.2	27264	236.6	80.1
04:30:2002:12:31:14	1552	16.0	140.5	80.4	27284	245.7	80.1
04:30:2002:12:31:34	1543	15.9	145.9	80.3	27294	254.8	80.1
04:30:2002:12:31:54	1543	15.9	151.2	80.4	27334	263.9	80.1
04:30:2002:12:32:14	1538	16.0	156.5	80.4	27294	273.0	80.1
04:30:2002:12:32:34	1534	15.9	161.9	80.2	27274	282.1	80.1
04:30:2002:12:32:54	1529	16.0	167.2	80.4	27274	291.2	80.1
04:30:2002:12:33:14	1529	15.9	172.5	80.2	27274	300.3	80.1
04:30:2002:12:33:34	1524	15.9	177.8	80.2	27274	309.4	80.1
04:30:2002:12:33:54	1520	16.0	183.2	80.4	27284	318.5	80.1
04:30:2002:12:34:14	1520	16.0	188.5	80.3	27264	327.6	80.1
04:30:2002:12:34:34	1515	15.9	193.8	80.2	27274	336.7	80.1
04:30:2002:12:34:54	1520	16.0	199.2	80.3	27264	345.7	80.1
04:30:2002:12:35:14	1515	15.9	204.5	80.2	27274	354.8	80.1
04:30:2002:12:35:34	1515	15.9	209.8	80.2	27284	363.9	80.1
04:30:2002:12:35:54	1515	16.0	215.1	80.4	27284	373.0	80.1
04:30:2002:12:36:14	1515	16.0	220.5	80.4	27294	382.1	80.1
04:30:2002:12:36:34	1511	16.0	225.8	80.4	27274	391.2	80.1
04:30:2002:12:36:54	1506	15.9	231.1	80.2	27264	400.3	80.1
04:30:2002:12:37:14	1511	16.0	236.5	80.4	27284	409.4	80.1
04:30:2002:12:37:34	1506	15.9	241.8	80.2	27264	418.5	80.1
04:30:2002:12:37:54	1506	15.9	247.1	80.2	27264	427.6	80.1
04:30:2002:12:38:14	1506	16.0	252.5	80.4	27284	436.7	80.1
04:30:2002:12:38:34	1506	15.9	257.8	80.2	27274	445.8	80.1
04:30:2002:12:38:54	1506	15.9	263.1	80.2	27264	454.8	80.1
04:30:2002:12:39:14	1511	16.0	268.5	80.4	27274	463.9	80.1
04:30:2002:12:39:34	1511	16.0	273.8	80.4	27274	473.0	80.1
04:30:2002:12:39:54	1515	16.0	279.1	80.4	27284	482.1	80.1
04:30:2002:12:40:14	1515	16.0	284.5	80.4	27284	491.2	80.1
04:30:2002:12:40:34	1520	15.9	289.8	80.2	27284	500.3	80.1
04:30:2002:12:40:54	1524	16.0	295.1	80.4	27274	509.4	80.1
04:30:2002:12:41:14	1534	16.0	300.5	80.4	27274	518.5	80.1
04:30:2002:12:41:34	1538	16.0	305.8	80.4	27274	527.6	80.1
04:30:2002:12:41:54	1538	15.9	311.1	80.2	27284	536.7	80.1
04:30:2002:12:42:14	1547	15.9	316.5	80.2	27274	545.8	80.1
04:30:2002:12:42:34	1552	15.9	321.8	80.2	27264	554.9	80.1
04:30:2002:12:42:54	1552	15.9	327.1	80.2	27274	563.9	80.1
04:30:2002:12:43:14	1556	15.9	332.5	80.2	27284	573.0	80.1
04:30:2002:12:43:34	1566	16.0	337.8	80.4	27284	582.1	80.1
04:30:2002:12:43:54	1570	16.0	343.1	80.4	27294	591.2	80.1
04:30:2002:12:44:14	1570	15.9	348.4	80.3	27314	600.3	80.1
04:30:2002:12:44:34	1570	16.0	353.8	80.5	27324	609.4	80.1
04:30:2002:12:44:54	1570	16.0	359.1	80.4	27314	618.5	80.1
04:30:2002:12:45:14	1570	16.0	364.4	80.4	27314	627.6	80.1
04:30:2002:12:45:34	1570	15.9	369.8	80.3	27304	636.7	80.1
04:30:2002:12:45:54	1575	16.0	375.1	80.4	27314	645.8	80.1
04:30:2002:12:46:14	1575	16.0	380.4	80.4	27314	655.0	80.1
04:30:2002:12:46:34	1575	16.0	385.8	80.5	27324	664.1	80.1
04:30:2002:12:46:54	1579	16.0	391.1	80.5	27324	673.2	80.1
04:30:2002:12:47:14	1579	15.9	396.4	80.3	27304	682.3	80.1
04:30:2002:12:47:34	1579	16.0	401.8	80.4	27294	691.4	80.1

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Well: Tate Estate A-3

Job Date: 04-30-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	BH INJ RATE bbl/min	N2 RATE scf/min	TOT N2 Mscf	BH FOAM QUALITY %
04:30:2002:12:48:14	1579	16.0	412.4	80.4	27304	709.6	80.1
04:30:2002:12:48:34	1584	15.9	417.8	80.3	27294	718.7	80.1
04:30:2002:12:48:54	1579	16.0	423.1	80.4	27304	727.8	80.1
04:30:2002:12:49:14	1575	16.0	428.4	80.4	27314	736.9	80.1
04:30:2002:12:49:34	1566	15.9	433.7	80.2	27284	746.0	80.1
04:30:2002:12:49:54	1547	16.0	439.1	80.4	27304	755.1	80.1
04:30:2002:12:50:14	1543	16.0	444.4	80.4	27294	764.2	80.1
04:30:2002:12:50:34	1534	16.0	449.8	80.4	27314	773.3	80.1
04:30:2002:12:50:54	1529	16.0	455.1	80.4	27294	782.4	80.1
04:30:2002:12:51:14	1529	15.9	460.4	80.3	27304	791.5	80.1
04:30:2002:12:51:34	1534	16.0	465.8	80.4	27314	800.6	80.1
04:30:2002:12:51:54	1529	16.0	471.1	80.4	27294	809.7	80.1
04:30:2002:12:52:14	1534	16.0	476.4	80.4	27294	818.8	80.1
04:30:2002:12:52:34	1534	16.0	481.8	80.4	27304	827.9	80.1
04:30:2002:12:52:54	1529	16.0	487.1	80.4	27294	837.0	80.1
04:30:2002:12:53:14	1534	15.9	492.5	80.3	27324	846.1	80.1
04:30:2002:12:53:34	1534	15.9	497.8	80.4	27334	855.2	80.1
04:30:2002:12:53:54	1534	16.0	503.1	80.5	27344	864.3	80.1
04:30:2002:12:54:14	1534	16.0	508.5	80.5	27324	873.4	80.1
04:30:2002:12:54:34	1538	16.0	513.8	80.4	27314	882.5	80.1
04:30:2002:12:54:54	1529	16.0	519.1	80.5	27334	891.6	80.1
04:30:2002:12:55:14	1534	16.0	524.5	80.5	27334	900.8	80.1
04:30:2002:12:55:34	1538	15.9	529.8	80.4	27344	909.9	80.1
04:30:2002:12:55:54	1534	16.0	535.2	80.5	27344	919.0	80.1
04:30:2002:12:56:14	1538	16.0	540.5	80.5	27344	928.1	80.1
04:30:2002:12:56:34	1538	16.0	545.8	80.5	27334	937.2	80.1
04:30:2002:12:56:54	1442	0.0	550.0	64.5	27344	946.3	80.1
04:30:2002:12:56:57	Started FLUSH Manually						
04:30:2002:12:56:57	1424	0.0	550.0	64.4	27324	947.7	80.1
04:30:2002:12:57:14	1378	0.0	550.0	64.5	27344	955.4	80.1
04:30:2002:12:57:34	1360	0.0	550.0	64.6	27394	964.6	80.1
04:30:2002:12:57:54	1355	0.0	550.0	64.6	27384	973.7	0.0
04:30:2002:12:57:55	Stage at Perfs: FLUSH						
04:30:2002:12:57:55	1346	0.0	550.0	64.6	27384	974.1	0.0
04:30:2002:12:58:14	1186	0.0	550.0	0.0	0	976.2	0.0
04:30:2002:12:58:34	1181	0.0	550.0	0.0	0	978.2	0.0
04:30:2002:12:58:54	1172	0.0	550.0	0.0	0	976.2	0.0
04:30:2002:12:59:14	1167	0.0	550.0	0.0	0	976.2	0.0
04:30:2002:12:59:34	1163	0.0	550.0	0.0	0	976.2	0.0

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