

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.

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KCC WICHITA

Wellsite Geologist: N. A.
Designate Type of Completion: REFRAC
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

API No. 15 - 189-21161-00-01
County: Stevens
SW NWSW Sec. 20 Twp. 31 S. R. 36 East West
1325' FNL feet from S (circle one) Line of Section
3773' FWL feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: MARTHA REYNOLDS "B" Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3050 Kelly Bushing: 3061
Total Depth: 2908 Plug Back Total Depth: 2874
Amount of Surface Pipe Set and Cemented at 709 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.

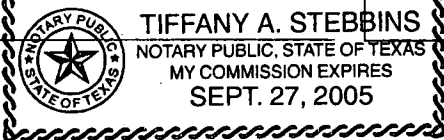
Drilling Fluid Management Plan owwo KGR 2/4/08
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

If Workover/Re-entry: Old Well Info as follows:
Operator: Mobil Oil Corporation
Well Name: MARTHA REYNOLDS " B" UNIT, WELL#3
Original Comp. Date: 5-5-88 Original Total Depth: 2908'
 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. _____
11-15-02 3-18-88 11-26-02
Spud Date or Date Reached TD Completion Date or
Recompletion Date

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: 7/18/03
Subscribed and sworn to before me this 18 day of July,
2003
Notary Public: Tiffany A. Stebbins
Date Commission Expires: 9-27-05



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: MARTHA REYNOLDS "B" Well #: 3
 Sec. 20 Twp. 31 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:	<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>GLORIETTA</td> <td>1280</td> <td>1440</td> </tr> <tr> <td>STONE CORRAL</td> <td>1720</td> <td>1770</td> </tr> <tr> <td>CHASE</td> <td>2559</td> <td></td> </tr> <tr> <td>U. KRIDER</td> <td>2586</td> <td></td> </tr> <tr> <td>L. KRIDER</td> <td>2611</td> <td></td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	GLORIETTA	1280	1440	STONE CORRAL	1720	1770	CHASE	2559		U. KRIDER	2586		L. KRIDER	2611	
<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																				
Name	Top	Datum																				
GLORIETTA	1280	1440																				
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CHASE	2559																					
U. KRIDER	2586																					
L. KRIDER	2611																					

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#	709	CL H	709	
PRODUCTION	7.875	5.500	14#	2915	CL H LITE	415	

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
1 SPF	2561' - 2796'	FRAC'D WELL WITH 971,156 scf OF 80Q N2 FOAM @ 80BPM	

TUBING RECORD		Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8" #jts 91	@2825'	
Date of First, Resumed Production, SWD or Enhr.		Producing Method		
5-13-88		<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
<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) _____	_____



Stimulation Service Report

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Customer EXXON MOBIL CORPORATION	Job Number 2205541073
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Well RENOLDS-MARTHA B3		Location (legal) SEC.20-31S-36W		Schlumberger Location Perryton, TX		Job Start 2002-Nov-19			
Field		Formation Name/Type Dirty-Sandstone		Deviation .		BitSize: in	Well MD 2,908 ft	Well TVD 2,908 ft	
County STEVENS		State/Province KANSAS		BHP psi	BHST 110 °F	BHCT 110 °F	Pore Pres Gradient psi/ft		
Well Mast 0630457645		API / UM							
Rig Name	Drilled For Oil & Gas	Service Via Land		Casing/Liner					
Offshore Zone	Well Class New	Well Type Exploration		Depth, ft 2908	Size, in 5.5	Weight, lb/ft 14	Grade K55	Thread 8RD	
Primary Treating Fluid WF130		Polymer Loading 6.8 lb/1000gal	Fluid Density lb/gal		Tubing/Drill Pipe				
Service Line Fracturing	Job Type Frac,N2Foam/Energized		Depth,	Size, in	Weight, lb/ft	Grade	Thread		
Max. Allowed Tubing Pressure 3000 psi	Max. Allowed Ann. Pressure psi	WellHead Connection		Perforations/Open Hole					
Service Instructions Frac Sandstone w/ 100,000 gals 80Q WF130 @ 80 bpm	Top, ft 2561	Bottom, ft 2796	spf 1	No. of Shots 235	Total Interval ft	Diameter in			
Job Scheduled For:	Arrived on Location: 2002-Nov-19 6:00	Leave Location: 2002-Nov-19 10:45		Tubing Vol. bbl	CasingVol. bbl	AnnularVol. bbl	OpenHoleVol bbl		

Date	Time	psi	bb/min	scf/min	bbl	Mscf	0	0	0	Message
	24 hr clock	psi	bb/min	scf/min	bbl	Mscf	0	0	0	
2002-Nov-19	9:21	124	0.0	0	0.0	0.0	0	0	0	
2002-Nov-19	9:21									Started N2 Frac
2002-Nov-19	9:21	124	0.0	0	0.0	0.0	0	0	0	
2002-Nov-19	9:21	27	0.0	0	0.1	0.0	0	0	0	
2002-Nov-19	9:21	31	9.1	0	2.1	0.0	0	0	0	
2002-Nov-19	9:22	136	8.3	5063	5.0	0.6	0	0	0	
2002-Nov-19	9:22	233	8.4	6093	7.8	2.6	0	0	0	
2002-Nov-19	9:22	291	8.2	9545	10.6	5.6	0	0	0	
2002-Nov-19	9:23	327	8.2	11896	13.3	8.9	0	0	0	
2002-Nov-19	9:23	411	8.2	13227	16.0	13.1	0	0	0	
2002-Nov-19	9:23	490	8.2	12997	18.8	17.4	0	0	0	
2002-Nov-19	9:23	501	8.2	13137	19.1	17.9	0	0	0	
2002-Nov-19	9:23									Stage at Perfs: N2 Frac
2002-Nov-19	9:24	564	8.2	13747	21.5	21.8	0	0	0	
2002-Nov-19	9:24	736	13.1	22151	24.6	27.6	0	0	0	
2002-Nov-19	9:24	964	15.8	24603	29.5	35.5	0	0	0	
2002-Nov-19	9:25	1121	16.0	25653	34.9	43.7	0	0	0	
2002-Nov-19	9:25	1254	16.0	26324	40.2	52.5	0	0	0	
2002-Nov-19	9:25	1310	15.9	26294	45.5	61.3	0	0	0	
2002-Nov-19	9:26	1341	16.0	26204	50.9	70.1	0	0	0	
2002-Nov-19	9:26	1378	15.9	26204	56.2	78.8	0	0	0	
2002-Nov-19	9:26	1423	16.0	26224	61.5	87.6	0	0	0	
2002-Nov-19	9:27	1422	16.0	26224	66.9	96.3	0	0	0	
2002-Nov-19	9:27	1460	16.0	26214	72.2	105.1	0	0	0	
2002-Nov-19	9:27	1478	15.9	26184	77.5	113.8	0	0	0	
2002-Nov-19	9:28	1492	16.0	26234	82.9	122.6	0	0	0	
2002-Nov-19	9:28	1491	16.0	26244	88.2	131.3	0	0	0	
2002-Nov-19	9:28	1479	16.0	26244	93.5	140.1	0	0	0	

Well		Field					Service Date		Customer			Job Number
RENOLDS-MARTHA #B3							2002-Nov-19		EXXON MOBIL CORPORATION			2205541073
Date	Time	psi	bbf/min	scf/min	bbf	Mscf	0	0	0	Message		
	24 hr clock	psi	bbf/min	scf/min	bbf	Mscf	0	0	0			
2002-Nov-19	9:29	1507	16.0	26254	98.9	148.9	0	0	0			
2002-Nov-19	9:29	1493	16.0	26254	104.2	157.6	0	0	0			
2002-Nov-19	9:29	1510	15.9	26254	109.5	166.4	0	0	0			
2002-Nov-19	9:30	1502	16.0	26284	114.8	175.2	0	0	0			
2002-Nov-19	9:30	1513	16.0	26274	120.2	183.9	0	0	0			
2002-Nov-19	9:30	1508	16.0	26274	125.5	192.7	0	0	0			
2002-Nov-19	9:31	1513	16.0	26284	130.8	201.5	0	0	0			
2002-Nov-19	9:31	1507	16.0	26334	136.2	210.2	0	0	0			
2002-Nov-19	9:31	1499	16.0	26304	141.5	219.0	0	0	0			
2002-Nov-19	9:32	1496	16.0	26304	146.8	227.8	0	0	0			
2002-Nov-19	9:32	1485	16.0	26304	152.2	236.6	0	0	0			
2002-Nov-19	9:32	1482	16.0	26324	157.5	245.4	0	0	0			
2002-Nov-19	9:33	1481	16.0	26324	162.8	254.2	0	0	0			
2002-Nov-19	9:33	1464	16.0	26594	168.2	263.0	0	0	0			
2002-Nov-19	9:33	1473	16.0	26594	173.5	271.7	0	0	0			
2002-Nov-19	9:34	1469	16.0	26604	178.8	280.5	0	0	0			
2002-Nov-19	9:34	1484	16.0	26604	184.2	289.3	0	0	0			
2002-Nov-19	9:34	1487	16.0	26334	189.5	298.1	0	0	0			
2002-Nov-19	9:35	1487	16.0	26344	194.8	306.9	0	0	0			
2002-Nov-19	9:35	1492	15.9	26374	200.1	315.7	0	0	0			
2002-Nov-19	9:35	1502	16.0	26344	205.5	324.5	0	0	0			
2002-Nov-19	9:36	1499	16.0	26344	210.8	333.3	0	0	0			
2002-Nov-19	9:36	1511	16.0	26334	216.1	342.1	0	0	0			
2002-Nov-19	9:36	1497	16.0	26344	221.5	350.9	0	0	0			
2002-Nov-19	9:37	1513	16.0	26364	226.8	359.7	0	0	0			
2002-Nov-19	9:37	1496	16.0	26364	232.1	368.5	0	0	0			
2002-Nov-19	9:37	1518	15.9	26354	237.4	377.3	0	0	0			
2002-Nov-19	9:38	1494	16.0	26344	242.8	386.1	0	0	0			
2002-Nov-19	9:38	1507	16.0	26374	248.1	394.9	0	0	0			
2002-Nov-19	9:38	1511	16.0	26374	253.4	403.7	0	0	0			
2002-Nov-19	9:39	1509	16.0	26374	258.8	412.5	0	0	0			
2002-Nov-19	9:39	1511	16.0	26374	264.1	421.3	0	0	0			
2002-Nov-19	9:39	1500	16.0	26394	269.4	430.1	0	0	0			
2002-Nov-19	9:40	1522	16.0	26384	274.7	438.9	0	0	0			
2002-Nov-19	9:40	1494	16.0	26394	280.1	447.7	0	0	0			
2002-Nov-19	9:40	1512	16.0	26384	285.4	456.5	0	0	0			
2002-Nov-19	9:41	1508	16.0	26404	290.7	465.3	0	0	0			
2002-Nov-19	9:41	1520	16.0	26404	296.1	474.1	0	0	0			
2002-Nov-19	9:41	1517	15.9	26414	301.4	483.0	0	0	0			
2002-Nov-19	9:42	1511	16.0	26684	306.7	491.8	0	0	0			
2002-Nov-19	9:42	1529	16.0	26684	312.0	500.6	0	0	0			
2002-Nov-19	9:42	1525	15.9	26414	317.4	509.4	0	0	0			
2002-Nov-19	9:43	1519	16.0	26384	322.7	518.2	0	0	0			
2002-Nov-19	9:43	1520	16.0	26694	328.0	527.1	0	0	0			
2002-Nov-19	9:43	1524	16.0	26684	333.3	535.9	0	0	0			
2002-Nov-19	9:44	1504	15.9	26424	338.7	544.7	0	0	0			
2002-Nov-19	9:44	1529	16.0	26414	344.0	553.5	0	0	0			
2002-Nov-19	9:44	1535	16.0	26414	349.3	562.3	0	0	0			
2002-Nov-19	9:45	1536	16.0	26414	354.6	571.2	0	0	0			
2002-Nov-19	9:45	1537	16.0	26414	360.0	580.0	0	0	0			
2002-Nov-19	9:45	1530	16.0	26424	365.3	588.8	0	0	0			
2002-Nov-19	9:46	1537	16.0	26434	370.6	597.6	0	0	0			
2002-Nov-19	9:46	1531	15.9	26434	375.9	606.4	0	0	0			
2002-Nov-19	9:46	1546	16.0	26434	381.2	615.3	0	0	0			

Well		Field				Service Date		Customer			Job Number
RENOLDS-MARTHA #B3						2002-Nov-19		EXXON MOBIL CORPORATION			2205541073
Date	Time	psi	bbf/min	scf/min	bbf	Mscf	0	0	0	Message	
	24 hr clock	psi	bbf/min	scf/min	bbf	Mscf	0	0	0		
2002-Nov-19	9:47	1541	15.9	26444	386.6	624.1	0	0	0		
2002-Nov-19	9:47	1542	16.0	26444	391.9	632.9	0	0	0		
2002-Nov-19	9:47	1537	16.0	26454	397.2	641.8	0	0	0		
2002-Nov-19	9:48	1530	15.9	26454	402.5	650.6	0	0	0		
2002-Nov-19	9:48	1552	16.0	26444	407.8	659.4	0	0	0		
2002-Nov-19	9:48	1540	16.0	26444	413.1	668.2	0	0	0		
2002-Nov-19	9:49	1563	15.9	26454	418.4	677.1	0	0	0		
2002-Nov-19	9:49	1551	16.0	26454	423.8	685.9	0	0	0		
2002-Nov-19	9:49	1568	15.9	26454	429.1	694.7	0	0	0		
2002-Nov-19	9:50	1543	15.9	26464	434.4	703.6	0	0	0		
2002-Nov-19	9:50	1556	15.9	26734	439.7	712.4	0	0	0		
2002-Nov-19	9:50	1558	15.9	26424	445.0	721.2	0	0	0		
2002-Nov-19	9:51	1576	16.0	26474	450.3	730.1	0	0	0		
2002-Nov-19	9:51	1579	15.9	26754	455.6	738.9	0	0	0		
2002-Nov-19	9:51	1561	15.8	26774	460.9	747.8	0	0	0		
2002-Nov-19	9:52	1576	16.0	26484	466.2	756.6	0	0	0		
2002-Nov-19	9:52	1570	16.0	26484	471.5	765.4	0	0	0		
2002-Nov-19	9:52									Started Flush Automatically	
2002-Nov-19	9:52	1544	16.0	26484	476.3	773.4	0	0	0		
2002-Nov-19	9:52	1526	3.2	26484	476.7	774.3	0	0	0		
2002-Nov-19	9:53	1469	0.0	26494	476.9	783.1	0	0	0		
2002-Nov-19	9:53	1477	0.0	26494	476.9	792.0	0	0	0		
2002-Nov-19	9:53	1374	0.0	11346	476.9	798.6	0	0	0		
2002-Nov-19	9:53	1355	0.0	4762	476.9	798.9	0	0	0		
2002-Nov-19	9:53									Stage at Perfs: Flush	
2002-Nov-19	9:54	1320	0.0	0	476.9	798.9	0	0	0		
2002-Nov-19	9:54	1312	0.0	0	476.9	798.9	0	0	0		
2002-Nov-19	9:54	1307	0.0	0	476.9	798.9	0	0	0		
2002-Nov-19	9:55	1304	0.0	0	476.9	798.9	0	0	0		
2002-Nov-19	9:55	1307	0.0	0	476.9	798.9	0	0	0		

Post Job Summary									
Average Injection Rates, bpm					Volume of Fluid Injected, bbl				
Fluid	N2	CO2	Maximum Rate		Clean Fluid	Acid	Oil	CO2	N2 (scf)
15	25980	0	16		477	0		0	971156
Treating Pressure Summary, psi					Quantity of & placed, lb				
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected	Total Ordered/Designed		
	1584	1584	1423	1338		0			
N2 Percent	CO2 Percent	Designed Fluid Volume		Displacement		Slurry Volume	Pad Volume	Percent Pad	
80 %	0 %	21000 gal		62.5 bbl		bbl	100000 gal	%	
Customer or Authorized Representative			Schlumberger Supervisor			Number of Stages	Fracture Gradient	<input checked="" type="checkbox"/> Job Completed	
Lewis, Richard			Vela Jr, Eusebio			2	psi/ft	<input type="checkbox"/> Screen Out	