

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 SLOW 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: CUTTER #1 UNIT, WELL #3
Original Comp. Date: 8-28-94 Original Total Depth: 3062'
 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. _____
8-18-00 8-3-94 8-24-00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

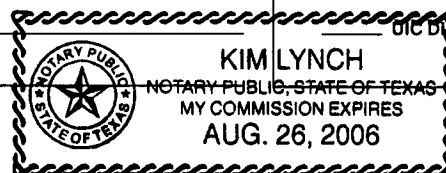
API No. 15 - 189-21706-00-01
County: Stevens
NW SE SE Sec. 10 Twp. 34 S. R. 37 East West
1250 FSL feet from S / N (circle one) Line of Section
1250 FEL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: CUTTER #1 UNIT Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3136 Kelly Bushing: 3147
Total Depth: 3062 Plug Back Total Depth: 3005
Amount of Surface Pipe Set and Cemented at 1432 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 KJR 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: 7/3/03
Subscribed and sworn to before me this 3rd 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
 DIC Distribution

Operator Name: Exxon Mobil Oil Corporation * Lease Name: CUTTER #1 UNIT Well #: 3
 Sec. 10 Twp. 34 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;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>U. KRIDER</td> <td>2680</td> <td>2686</td> </tr> <tr> <td>L KRIDER</td> <td>2730</td> <td>2750</td> </tr> <tr> <td>O'DELL</td> <td>2756</td> <td>2762</td> </tr> <tr> <td>WINFIELD</td> <td>2770</td> <td>2794</td> </tr> <tr> <td>TOWANDA</td> <td>2826</td> <td>2856</td> </tr> </table>	Name	Top	Datum	U. KRIDER	2680	2686	L KRIDER	2730	2750	O'DELL	2756	2762	WINFIELD	2770	2794	TOWANDA	2826	2856
Name	Top	Datum																	
U. KRIDER	2680	2686																	
L KRIDER	2730	2750																	
O'DELL	2756	2762																	
WINFIELD	2770	2794																	
TOWANDA	2826	2856																	

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#	1432'	DOWELL	700	50:50 c/poz
PRODUCTION	7.875	5.500	14#	3057'	DOWELL	400	CLASS C

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	
2 SPF	2680' - 2686'	FRAC'D WELL WITH 952,387 scf OF			
1 SPF	2695' - 2725'	80Q N2 FOAM @ 80BPM			
2 SPF	2730' - 2750'				
1 SPF	2756' - 2762'				
2 SPF	2770' - 2856'				
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. 8-29-94		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 Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
(If vented, Sumit ACO-18.)

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Stimulation Service Report

ORIGINAL

Schlumberger
Dowell

Customer: MOBIL OIL CORP
Job Number: 20173959

Well: Cutter 1-3		Location (legal): Sec. 10-34S-37W		Dowell Location: Ulysses, KS		Job Start: 8/22/00	
Field: Hugoton		Formation Name/Type: Chase		Deviation: 0°	BitSize: 0 in	Well MD: 3,005 ft	Well TVD: 3,005 ft
County: Stevens		State/Province: Kansas		BHP: 0 psi	BHST: 100 °F	BHCT: 90 °F	Pore Pres Gradient: 0 psi/ft
Rig Name	Drilled For: Gas	Service Via: Land		Casing			
Offshore Zone	Well Class: Old	Well Type: Workover		Depth, ft: 3005	Size, in: 5.5	Weight, lb/ft: 15.5	Grade:
Primary Treating Fluid: 80Q Foam	Polymer Loading: 30 lb/1000gal	Fluid Density: lb/gal		Tubing			
Service Line: Fracturing	Job Type: Frac, N2Foam/Energized		Depth, ft: 0	Size, in: 0	Weight, lb/ft: 0	Grade:	Thread:
Max. Allowed Tubing Pressure: 2500 psi	Max. Allowed Ann. Pressure: 0 psi	WellHead Connection: 5 1/2 X 4 Swage		Perforated Intervals			
Service Instructions: Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions.	Top, ft: 2680	Bottom, ft: 2856	spf: 1.1136364	No. of Shots: 196	Total Interval: 176 ft	Diameter: 0 in	Packer Depth: 0 ft
Job Scheduled For: 8/22/00 8:00	Arrived on Location: 8/22/00 8:15	Leave Location: 8/22/00 12:00	Tubing Vol.: 0 bbl	Casing Vol.: 71.5 bbl	Annular Vol.: 0 bbl	Open Hole Vol.: 0 bbl	Message:

Time	BH Inj Rate	Foam Quality	N2 Rate	Pressure	Total Flowrate	Total Volume	Message	
24 hr clock	bpm	%	bpm	psi	bpm	bbl		
10:07	0	0	0	0	0	0	START ACQUISITION	
10:07	0.047	100	0.047	2515	0	0		
10:07	1.93	0	0	0	1.93	0.786		
10:08	1.55	0	0	0	1.55	1.7		
10:08	0	0	0	0	0	1.72		
10:09	0	0	0	30.53	0	1.72		
10:09	0	0	0	45.79	0	1.72		
10:10	0	0	0	48.84	0	1.72		
10:10	0	0	0	45.79	0	1.72		
10:11	0	0	0	3559	0	1.86		
10:11	0	0	0	3391	0	1.86		
10:12	12.45	100	12.45	3336	0	1.86		
10:12	12.41	100	12.41	3312	0	1.86		
10:13	0	0	0	3291	0	1.86		
10:13	0	0	0	3275	0	1.86		
10:14	0	0	0	3263	0	1.86		
10:14	0	0	0	3263	0	1.86	PAUSE ACQUISITION	
10:34	0	0	0	3263	0	1.86	RESTART AFTER PAUSE	
10:34	0	0	0	201.5	0	1.86		
10:34	0	0	0	201.5	0	1.86	[Total Volume]=0 bbl	
10:35	0	0	0	201.5	0	0		
10:35	0	0	0	198.4	0	0		
10:36	0	0	0	198.4	0	0		
10:36	0	0	0	198.4	0	0		
10:37	0	0	0	198.4	0	0		
10:37	0	0	0	198.4	0	0		
10:38	0	0	0	198.4	0	0		
10:38	0	0	0	198.4	0	0		
10:39	0	0	0	198.4	0	0		

ORIGINAL

Well			Field			Service Date		Customer		Job Number
Cutter #1-3			Hugoton					MOBIL OIL CORP		20173959
Time	BH Inj Rate	Foam Quality	N2 Rate	Pressure	Total Flowrate	Total Volume				Message
24 hr clock	bpm	%	bpm	psi	bpm	bbbl				
10:39	0.	0.	0.	195.4	0.	0.	0	0		
10:40	0.	0.	0.	195.4	0.	0.	0	0		
10:40	0.	0.	0.	195.4	0.	0.	0	0		
10:41	0.	0.	0.	-21.37	0.	0.	0	0		
10:41	28.48	72.22	20.57	48.84	7.91	2.15	0	0		
10:42	40.18	80.31	32.26	222.8	7.91	6.13	0	0		
10:42	40.22	80.33	32.31	424.3	7.91	10.1	0	0		
10:43	40.32	80.37	32.41	650.2	7.91	14.07	0	0		
10:43	51.03	86.43	44.1	839.4	6.92	18.03	0	0		
10:44	72.62	78.01	56.65	1145	15.97	25.07	0	0		
10:44	80.31	80.12	64.34	1566	15.97	33.09	0	0		
10:45	80.26	79.99	64.2	1746	16.06	41.13	0	0		
10:45	80.59	80.07	64.53	1679	16.06	49.19	0	0		
10:46	80.45	80.09	64.43	1615	16.01	57.26	0	0		
10:46	80.5	80.05	64.43	1593	16.06	65.32	0	0		
10:47	80.26	80.05	64.25	1575	16.01	73.37	0	0		
10:47	80.16	79.96	64.1	1563	16.06	81.42	0	0		
10:48	80.5	80.11	64.48	1557	16.01	89.48	0	0		
10:48	80.35	80.01	64.29	1551	16.06	97.54	0	0		
10:49	80.54	80.06	64.48	1538	16.06	105.6	0	0		
10:49	80.73	80.11	64.67	1529	16.06	113.7	0	0		
10:50	80.35	80.13	64.39	1520	15.97	121.7	0	0		
10:50	80.5	80.05	64.43	1514	16.06	129.8	0	0		
10:51	80.68	80.09	64.62	1511	16.06	137.8	0	0		
10:51	80.64	80.08	64.58	1508	16.06	145.9	0	0		
10:52	80.64	80.2	64.67	1508	15.97	153.9	0	0		
10:52	80.73	80.11	64.67	1502	16.06	162.	0	0		
10:53	80.59	80.07	64.53	1499	16.06	170.	0	0		
10:53	80.68	80.09	64.62	1496	16.06	178.1	0	0		
10:54	80.73	80.11	64.67	1484	16.06	186.2	0	0		
10:54	80.73	80.16	64.72	1471	16.01	194.2	0	0		
10:55	80.73	80.16	64.72	1468	16.01	202.3	0	0		
10:55	80.59	80.07	64.53	1465	16.06	210.3	0	0		
10:56	80.26	80.05	64.25	1465	16.01	218.4	0	0		
10:56	80.54	80.18	64.58	1462	15.97	226.4	0	0		
10:57	80.64	80.08	64.58	1459	16.06	234.5	0	0		
10:57	80.68	80.09	64.62	1438	16.06	242.6	0	0		
10:58	80.68	80.09	64.62	1432	16.06	250.6	0	0		
10:58	80.31	80.	64.25	1435	16.06	258.7	0	0		
10:59	80.5	80.05	64.43	1432	16.06	266.7	0	0		
10:59	80.68	80.09	64.62	1432	16.06	274.8	0	0		
11:00	80.64	80.08	64.58	1438	16.06	282.9	0	0		
11:00	80.68	80.09	64.62	1441	16.06	290.9	0	0		
11:01	80.45	80.04	64.39	1444	16.06	299.	0	0		
11:01	80.5	80.05	64.43	1444	16.06	307.	0	0		
11:02	80.5	80.05	64.43	1438	16.06	315.1	0	0		
11:02	80.54	80.	64.43	1389	16.11	323.2	0	0		
11:03	80.59	80.07	64.53	1313	16.06	331.2	0	0		
11:03	80.31	80.	64.25	1218	16.06	339.3	0	0		
11:04	80.59	80.19	64.62	1178	15.97	347.4	0	0		
11:04	80.35	80.01	64.29	1160	16.06	355.4	0	0		
11:05	80.35	80.07	64.34	1224	16.01	363.5	0	0		
11:05	80.5	80.11	64.48	1306	16.01	371.5	0	0		
11:06	80.45	80.04	64.39	1368	16.06	379.6	0	0		

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Well			Field			Service Date		Customer		Job Number	
Cutter #1-3			Hugoton					MOBIL OIL CORP		20173959	
Time	BH Inj Rate	Foam Quality	N2 Rate	Pressure	Total Flowrate	Total Volume			Message		
24 hr clock	bpm	%	bpm	psi	bpm	bbbl					
11:06	80.4	80.02	64.34	1392	16.06	387.6	0	0			
11:07	80.35	80.07	64.34	1407	16.01	395.7	0	0			
11:07	80.4	80.02	64.34	1413	16.06	403.7	0	0			
11:08	80.4	80.08	64.39	1419	16.01	411.8	0	0			
11:08	80.64	80.08	64.58	1422	16.06	419.9	0	0			
11:09	80.64	80.08	64.58	1422	16.06	427.9	0	0			
11:09	80.64	80.08	64.58	1422	16.06	436	0	0			
11:10	80.64	80.08	64.58	1419	16.06	444	0	0			
11:10	80.64	80.14	64.62	1419	16.01	452.1	0	0			
11:11	80.73	80.11	64.67	1419	16.06	460.1	0	0			
11:11	80.68	80.09	64.62	1416	16.06	468.2	0	0			
11:12	80.4	80.02	64.34	1419	16.06	476.3	0	0			
11:12	80.35	80.07	64.34	1419	16.01	484.3	0	0			
11:13	80.12	80.07	64.15	1416	15.97	492.4	0	0			
11:13	80.4	80.08	64.39	1419	16.01	500.4	0	0			
11:14	80.5	80.05	64.43	1419	16.06	508.5	0	0			
11:14	80.5	80.05	64.43	1419	16.06	516.6	0	0			
11:15	80.45	80.04	64.39	1413	16.06	524.6	0	0			
11:15	80.5	80.05	64.43	1419	16.06	532.7	0	0			
11:16	80.45	80.04	64.39	1435	16.06	540.7	0	0			
11:16	80.73	80.11	64.67	1453	16.06	548.8	0	0			
11:17	64.86	100.	64.86	1310	0.	550.3	0	0			
11:17	64.91	100.	64.91	1294	0.	550.3	0	0			
11:18	0.189	100.	0.189	1096	0.	550.3	0	0			

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Post Job Summary

Average Injection Rates, bpm				Volume of Fluid Injected, bbl					
Fluid	N2	CO2	Maximum Rate	Clean Fluid	Acid	Oil	CO2	N2 (scf)	
16	27400	0	16.2	550	0	0	0	952387	
Treating Pressure Summary, psi						Quantity of & placed, lb			
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected	Total Ordered/Designed		
0	1750	1294	1450	1111	0	0	0		
N2 Percent	CO2 Percent	Designed Fluid Volume		Displacement	Slurry Volume	Pad Volume	Percent Pad		
80 %	0 %	100000 gal		70 bbl	550 bbl	0 gal	0 %		
Customer or Authorized Representative			Dowell Supervisor		Number of Stages	Fracture Gradient	Job Completed		
John Rice			Dave Brawley		1	0 psi/ft	<input checked="" type="checkbox"/> Job Completed <input type="checkbox"/> Screen Out		