

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: BREWER UNIT, WELL #3
 Original Comp. Date: 5-6-94 Original Total Depth: 2835'
 _____ 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>1-26-00</u>	<u>4-13-94</u>	<u>2-4-00</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-21618 - 00-01
 County: Stevens
NW SW NE Sec. 26 Twp. 31 S. R. 37 East West
3912.5 FSL feet from S / N (circle one) Line of Section
2615.5 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: BREWER UNIT Well #: 3
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 3081.21 Kelly Bushing: 3092
 Total Depth: 2835 Plug Back Total Depth: 2825
 Amount of Surface Pipe Set and Cemented at 687 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 2-1-08
 (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.: _____

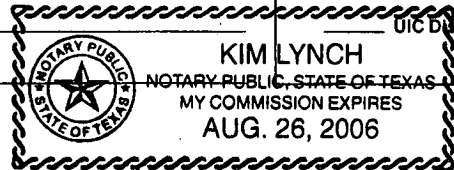
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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
 _____ UIC Distribution



Operator Name: Exxon Mobil Oil Corporation * Lease Name: BREWER UNIT Well #: 3
 Sec. 26 Twp. 31 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 (Attach Additional Sheets) 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 (Submit Copy) 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>U. KRIDER</td> <td>2566'</td> <td>2572'</td> </tr> <tr> <td>L. KRIDER</td> <td>2594'</td> <td>2614'</td> </tr> <tr> <td>WINFIELD</td> <td>2630'</td> <td>2660'</td> </tr> <tr> <td>TOWANDA</td> <td>2688'</td> <td>2732'</td> </tr> <tr> <td>U. FT. RILEY</td> <td>2744'</td> <td>2750'</td> </tr> </tbody> </table>	Name	Top	Datum	U. KRIDER	2566'	2572'	L. KRIDER	2594'	2614'	WINFIELD	2630'	2660'	TOWANDA	2688'	2732'	U. FT. RILEY	2744'	2750'
Name	Top	Datum																	
U. KRIDER	2566'	2572'																	
L. KRIDER	2594'	2614'																	
WINFIELD	2630'	2660'																	
TOWANDA	2688'	2732'																	
U. FT. RILEY	2744'	2750'																	

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#	687'	HC LT, PP	225, 175	3% CALC 2
PRODUCTION	7.875	5.500	14#	2835'	PP	325, 150	3% EL, 2% CL 2

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
2 SPF	2566' - 2572'	FRAC'D WELL WITH 957,456 scf OF	
3 SPF	2594' - 2614'	80Q N2 FOAM @ 80BPM	
1 SPF	2630' - 2636'		
2 SPF	2640' - 2694'		
1 SPF	2700' - 2732' 2 SPF 2744' - 2750'		

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. 5-7-94			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 (If vented, Sumit ACO-18.)

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

Production Interval _____

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JUL 10 2003 Stimulation Service Report

ORIGINAL

Schfumberger

Dowell

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Customer	Job Number
MOBIL DRILLING V390500757A	20142934

Well	Location (legal)		Dowell Location		Job Start		
Brewer 3	Sec. 26-31S-37W		Ulysses, KS		01/31/2000		
Field	Formation Name/Type	Deviation	BitSize:	Well MD	Well TVD		
Hugoton	Chase	0 °	0 in	2,825 ft	2,825 ft		
County	State/Province	BHP	BHST	BHCT	Pore Pres Gradient		
Stevens	Kansas	0 psi	95 °F	85 °F	0 psi/ft		
Rig Name	Drilled For	Service Via	Casing				
KEY ENERGY 12	Gas	Land	Depth, ft	Size, in	Weight, lb/ft		
Offshore Zone	Well Class	Well Type	Grade	Thread			
	Old	Workover	2825	5.5	14		
			0	0	0		
Primary Treating Fluid	Polymer Loading	Fluid Density	Tubing				
80Q Foam	20 lb/1000gal	lb/gal	Depth,	Size, in	Weight, lb/ft		
Service Line	Job Type		Grade	Thread			
Fracturing	Frac, N2Foam/Energized		0	0	0		
			0	0	0		
Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection	Perforated Intervals				
2500 psi	0 psi	5 1/2 X 4 Swage	Top, ft	Bottom, ft	spf		
Service Instructions Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions. 5 miles on equipment & 22 on N2 transports.			No. of Shots	Total Interval			
			2566	2750	0	0	184 ft
			0	0	0	0	Diameter
			0	0	0	0	0 in
Job Scheduled For:	Arrived on Location:	Leave Location:	Treat Down	Displacement	Packer Type		
	01/31/2000 10:30	01/31/2000 16:30	Casing	62.6 bbl	None		
			Packer Depth		0 ft		
			Tubing Vol.	CasingVol.	AnnularVol.		
			0 bbl	69 bbl	0 bbl		
			OpenHoleVol		0 bbl		

Time	BH Foam Q	BHInj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message	
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbl	psi		
14:49	0	0	0	0	0	0	0	0	START ACQUISITION
14:49	0.	0.	0.	0.	0.	0.	-3713	0	
14:49	0.	0.	0.	0.	0.	0.02	1841	0	
14:50	0.	0.	0.	0.	0.	0.022	2825	0	
14:50	0.	0.	0.	0.	0.	0.022	2825	0	Pressure Test Lines
14:50	0.	0.	0.	0.	0.	0.022	2825	0	[Total N2 Rate]=F[Total N2 Rate 2]
14:50	0.	0.	0.	0.	0.	0.022	2825	0	Start N2 tach rates
14:50	0.	0.	0.	0.	0.	0.024	3228	0	
14:51	0.	0.	0.	0.	0.	0.024	3196	0	
14:51	0.	0.	0.	0.	0.	0.024	3178	0	
14:52	0.	0.	0.	0.	0.	0.024	3164	0	
14:52	0.	0.	0.	0.	0.	0.024	3164	0	PAUSE ACQUISITION
14:59	0.	0.	0.	0.	0.	0.024	247.3	0	RESTART AFTER PAUSE
14:59	0.	0.	0.	0.	0.	0.024	247.3	0	
15:00	0.	0.	0.	0.	0.	0.024	247.3	0	Start Job
15:00	0.424	4.45	0.902	4.43	8.	1.08	54.95	0	
15:01	77.93	36.	4404	7.95	11896	4.47	251.8	0	
15:01	80.4	40.54	10902	7.95	13820	8.48	503.7	0	
15:02	79.95	39.64	17754	7.95	13438	12.49	819.6	0	
15:02	80.07	39.88	24506	7.95	13538	16.48	1049	0	
15:03	74.52	42.94	31298	10.94	13568	20.99	1360	0	
15:03	80.3	80.67	41985	15.89	27464	28.45	1891	0	
15:04	80.26	80.5	55701	15.89	27394	36.39	2367	0	
15:04	80.17	80.8	69455	16.02	27468	44.39	2312	0	
15:05	79.82	80.68	83163	16.28	27306	52.49	2033	0	
15:05	79.82	80.7	96863	16.28	27314	60.66	1873	0	
15:06	79.83	80.1	110539	16.15	27114	68.82	1832	0	
15:06	79.86	80.18	124144	16.15	27148	76.96	1790	0	
15:07	79.88	80.28	137760	16.15	27192	85.08	1795	0	

Well		Field				Service Date		Customer		Job Number	
Brewer #3		Hugoton						MOBIL DRILLING V39050075		20142934	
Time	BH Foam Q	BH Inj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi		Message		
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbbl	psi				
15:07	79.9	80.34	151397	16.15	27216	93.18	1790	0			
15:08	79.92	80.46	165038	16.15	27266	101.3	1763	0			
15:08	79.92	80.44	178700	16.15	27256	109.4	1777	0			
15:09	80.06	80.35	192361	16.02	27274	117.5	1772	0			
15:09	80.08	80.45	206044	16.02	27318	125.5	1767	0			
15:10	79.95	80.56	219739	16.15	27308	133.6	1790	0			
15:10	79.92	80.46	233402	16.15	27266	141.7	1781	0			
15:11	79.99	80.08	247059	16.02	27160	149.7	1804	0			
15:11	80.	80.13	260668	16.02	27180	157.7	1799	0			
15:12	79.98	80.05	274281	16.02	27146	165.8	1799	0			
15:12	80.	80.09	287894	16.02	27166	173.8	1795	0			
15:13	80.02	80.2	301515	16.02	27212	181.8	1799	0			
15:13	80.07	80.39	315167	16.02	27294	189.9	1786	0			
15:14	80.02	80.18	328815	16.02	27204	197.9	1786	0			
15:14	80.01	80.17	342449	16.02	27198	205.9	1786	0			
15:15	80.03	80.24	356086	16.02	27228	213.9	1754	0			
15:15	80.14	80.02	369716	15.89	27190	221.9	1781	0			
15:16	80.04	80.26	383344	16.02	27236	230.	1777	0			
15:16	80.02	80.19	396989	16.02	27206	238.	1772	0			
15:17	80.01	80.15	410619	16.02	27192	246.	1758	0			
15:17	80.01	80.14	424248	16.02	27186	254.	1745	0			
15:18	80.01	80.14	437872	16.02	27188	262.1	1740	0			
15:18	80.03	80.21	451502	16.02	27216	270.1	1722	0			
15:19	80.04	80.27	465150	16.02	27240	278.1	1717	0			
15:19	80.06	80.35	478813	16.02	27274	286.2	1735	0			
15:20	80.05	80.3	492475	16.02	27256	294.2	1745	0			
15:20	80.1	80.52	506146	16.02	27348	302.2	1745	0			
15:21	80.08	80.41	519841	16.02	27302	310.3	1740	0			
15:21	80.09	80.46	533525	16.02	27320	318.3	1740	0			
15:22	80.17	80.79	547239	16.02	27462	326.3	1731	0			
15:22	80.07	80.38	560994	16.02	27286	334.3	1712	0			
15:23	79.93	79.81	574636	16.02	27048	342.4	1694	0			
15:23	80.01	80.14	588261	16.02	27186	350.4	1699	0			
15:24	80.13	80.63	601920	16.02	27392	358.4	1722	0			
15:24	80.04	80.29	615574	16.02	27248	366.5	1735	0			
15:25	80.05	80.3	629213	16.02	27256	374.5	1722	0			
15:25	80.19	80.21	642909	15.89	27270	382.5	1690	0			
15:26	80.	80.1	656597	16.02	27168	390.5	1735	0			
15:26	80.1	80.53	670285	16.02	27350	398.6	1712	0			
15:27	79.99	80.07	683921	16.02	27158	406.6	1717	0			
15:27	80.05	80.3	697575	16.02	27256	414.6	1731	0			
15:28	80.03	80.23	711235	16.02	27226	422.6	1708	0			
15:28	80.08	80.44	724878	16.02	27312	430.7	1703	0			
15:29	80.04	80.26	738552	16.02	27238	438.7	1726	0			
15:29	80.03	80.23	752185	16.02	27224	446.7	1699	0			
15:30	80.	80.12	765844	16.02	27178	454.7	1717	0			
15:30	80.23	80.4	779506	15.89	27350	462.7	1722	0			
15:31	80.11	80.54	793213	16.02	27354	470.8	1699	0			
15:31	80.15	80.72	806926	16.02	27430	478.8	1676	0			
15:32	80.11	80.55	820621	16.02	27362	486.8	1690	0			
15:32	79.95	80.55	834320	16.15	27304	494.8	1708	0			
15:33	80.09	80.46	847987	16.02	27322	502.9	1712	0			
15:33	80.13	80.63	861677	16.02	27394	510.9	1722	0			
15:34	80.06	80.35	875352	16.02	27274	518.9	1699	0			

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ORIGINAL

Well Brewer #3		Fluid Hugoton			Service Date		Customer MOBIL DRILLING V39050075		Job Number 20142934	
Time	BH Foam Q	BHinj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message		
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbbl	psi			
15:34	80.02	80.18	888993	16.02	27204	527.	1658	0		
15:35	80.	80.09	902614	16.02	27166	535.	1676	0		
15:35	80.	80.1	916236	16.02	27170	543.1	1635	0		
15:36	100.	64.3	929874	0.	27262	550.5	1580	0		
15:36	100.	64.31	943537	0.	27266	550.5	1474	0		
15:37	100.	64.18	957212	0.	27214	550.5	1401	0		
15:37	0.	0.	957456	0.	0.	550.5	1195	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)	
16	27400	0	16		550	0	0	0	957456	
Treating Pressure Summary, psi						Quantity of & placed, lb				
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected	Total Ordered/Designed			
0	2417	1420	1730	1272	0	0	0			
N2 Percent	CO2 Percent		Designed Fluid Volume		Displacement	Slurry Volume		Pad Volume		Percent Pad
80 %	0 %		100000 gal		62.6 bbl	550 bbl		0 gal		0 %
Customer or Authorized Representative			Dowell Supervisor			Number of Stages		Fracture Gradient		<input checked="" type="checkbox"/> Job Completed <input type="checkbox"/> Screen Out
John Rice			Dave Brawley			1		0 psi/ft		

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