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: (713) 431-1701
Contractor: Name: Key Energy
License: N. A.
Wellsite Geologist: N. A.

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 16 2003
CONSERVATION DIVISION
WICHITA, KS

Designate Type of Completion: ADD PERFS & 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: WINTER #1 UNIT, WELL #3
Original Comp. Date: 8-10-95 Original Total Depth: 3006'

___ 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.

3-8-00	7-9-95	3-17-00
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-21939 - 00-01
County: Stevens
NE SE SW Sec. 6 Twp. 35 S. R. 36 ☐ East ☑ West
1250' FSL feet from (S) / N (circle one) Line of Section
2500' 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: WINTER #1 UNIT Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3087 Kelly Bushing: 3097
Total Depth: 3006 Plug Back Total Depth: 2973
Amount of Surface Pipe Set and Cemented at 712 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 1-22-08
(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: 6/12/03
Subscribed and sworn to before me this 13th day of June, 2003
Notary Public: Pamela Y. Murphy
Date Commission Expires: PAMELA Y. MURPHY 2004

NOTARY PUBLIC
State of Texas
Comm. Exp. 04-03-2004

KCC Office Use ONLY

___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

Side Two

Operator Name: Exxon Mobil Oil Corporation * Lease Name: WINTER #1 UNIT Well #: 3

Sec. 6 Twp. 35 S. R. 36 ☐ East ☑ West County: Stevens

14-19-0120

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run *(Submit Copy)*	☐ Yes	☑ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
L. KRIDER	2696	2716
WINFIELD	2750	2770
TOWANDA	2802	2822

CASING RECORD ☑ New ☐ 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#	712	CLASS C	405	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2996	CLASS C	340, 150	3%D79,2% B28

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	2630' - 2640'	FRAC'D WELL WITH 950,450 scf OF	
2 SPF	2660' - 2670'	80Q N2 FOAM @ 80BPM	
1 SPF	2696' - 2716'		
1 SPF	2750' - 2770'		
1 SPF	2802' - 2822'		

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr. 8-5-95

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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

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

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other *(Specify)*

Schlumberger
Dowell

Stimulation Service Report

ORIGINAL

Customer	Job Number
MOBIL DRILLING V390500757A	20148902

Well	Location (legal)	Dowell Location	Job Start
Winter 1-3	Sec. 6-35S-36W	Ulysses, KS	03/13/2000

Field	Formation Name/Type	Deviation	BitSize:	Well MD	Well TVD
Hugoton	Chase	0 °	0 in	2,973 ft	2,973 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
	Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Workover

Primary Treating Fluid	Polymer Loading	Fluid Density
80Q Foam	20 lb/1000gal	lb/gal

Service Line	Job Type
Fracturing	Frac,N2Foam/Energized

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
2500 psi	0 psi	5 1/2 X 4 Swage

Service Instructions

Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions.

Job Scheduled For:	Arrived on Location:	Leave Location:
	03/13/2000 11:00	03/13/2000 15:00

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
2973	5.5	14		
0	0	0		

Tubing

Depth,	Size, in	Weight, lb/ft	Grade	Thread
0	0	0		
0	0	0		

Perforated Intervals

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
2630	2680	0	0	50 ft
0	0	0	0	Diameter
0	0	0	0	0 in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	64 bbl	None	0 ft

Tubing Vol.	CasingVol.	AnnularVol.	OpenHoleVol
0 bbl	72.5 bbl	0 bbl	0 bbl

Time (24 hr clock)	BH Foam Q %	BHInj Rate bpm	Tot N2 ft3	Total Flowrate bpm	Total N2 Rate ft3/min	Total Volume bbl	Treating Psi psi		Message
12:25	0	0	0	0	0	0	0	0	START ACQUISITION
12:25	0.	0.	0.	0.	0.	0.	219.8	0	
12:26	0.	0.	0.	0.	0.	0.	206.	0	
12:26	0.	0.	0.	0.	0.	0.	201.5	0	
12:27	0.	0.651	0.	0.651	0.	0.031	412.1	0	
12:27	0.	0.	0.	0.	0.	0.059	2756	0	
12:28	0.	0.	0.	0.	0.	0.061	3205	0	
12:28	0.	0.	0.	0.	0.	0.061	3205	0	Pressure Test Lines
12:28	0.	0.	0.	0.	0.	0.061	3164	0	
12:29	0.	0.	0.	0.	0.	0.061	3164	0	[Total N2 Rate]=F[Total N2 Rate 2]
12:29	0.	0.	0.	0.	0.	0.061	3164	0	Start N2 tach rates
12:29	100.	18.86	941.8	0.	7998	0.061	3155	0	
12:29	100.	8.46	4781	0.	3586	0.061	3150	0	
12:30	100.	8.41	6574	0.	3566	0.061	3150	0	
12:30	100.	8.44	8371	0.	3578	0.061	3150	0	
12:31	100.	8.49	10176	0.	3598	0.061	3150	0	
12:31	100.	8.5	11986	0.	3602	0.061	3150	0	
12:32	100.	8.51	13797	0.	3610	0.061	3150	0	
12:32	100.	25.93	17243	0.	10994	0.061	3155	0	
12:33	100.	8.58	20748	0.	3640	0.061	3155	0	
12:33	100.	8.59	22578	0.	3644	0.061	3155	0	
12:34	0.	0.	23013	0.	0.	0.061	242.7	0	
12:34	0.	0.	23013	0.	0.	0.061	283.9	0	
12:35	0.	0.	23013	0.	0.	0.061	293.	0	
12:35	0.	0.	23013	0.	0.	0.061	293.	0	
12:36	0.	0.	23013	0.	0.	0.061	293.	0	
12:36	0.	0.	23013	0.	0.	0.061	293.	0	
12:37	0.	0.	23013	0.	0.	0.061	293.	0	
12:37	0.	0.	23013	0.	0.	0.061	293.	0	

ORIGINAL

Well	Field	Service Date	Customer	Job Number
Winter #1-3	Hugoton		MOBIL DRILLING V39050075	20148902

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		
12:38	0.	0.	23013	0.	0.	0.061	293.	0	
12:38	0.	0.	23013	0.	0.	0.061	293.	0	
12:39	0.	0.	23013	0.	0.	0.061	293.	0	
12:39	0.	0.	23013	0.	0.	0.061	293.	0	
12:40	0.	0.	23013	0.	0.	0.061	293.	0	
12:40	0.	0.	23013	0.	0.	0.061	293.	0	PAUSE ACQUISITION
13:05	0.	0.	23013	0.	0.	0.061	293.	0	RESTART AFTER PAUSE
13:05	100.	0.033	23013	0.	14.	0.061	302.2	0	
13:05	100.	0.033	23013	0.	14.	0.061	302.2	0	Start Job
13:05	90.19	15.93	23204	1.56	6092	0.176	9.16	0	
13:06	77.18	33.1	28480	7.56	10832	2.53	9.16	0	
13:06	86.8	59.21	37512	7.82	21792	6.45	196.9	0	
13:07	87.68	65.57	49443	8.08	24376	10.45	407.5	0	
13:07	87.68	65.55	61675	8.08	24370	14.56	714.3	0	
13:08	87.69	65.59	73887	8.08	24388	18.61	998.2	0	
13:08	79.16	73.13	86150	15.24	24544	24.72	1310	0	
13:09	80.3	80.68	99622	15.89	27472	32.54	1836	0	
13:09	80.11	80.56	113218	16.02	27364	40.54	2244	0	
13:10	79.92	81.09	126952	16.28	27480	48.62	2024	0	
13:10	79.66	80.71	140668	16.41	27262	56.82	1905	0	
13:11	80.04	80.26	154331	16.02	27238	64.93	1937	0	
13:11	80.18	80.84	168003	16.02	27484	72.96	1923	0	
13:12	80.06	80.36	181687	16.02	27280	80.99	1905	0	
13:12	80.07	80.39	195355	16.02	27294	89.02	1905	0	
13:13	80.12	80.58	209055	16.02	27372	97.07	1909	0	
13:13	79.98	80.66	222763	16.15	27352	105.1	1900	0	
13:14	79.99	80.7	236474	16.15	27370	113.2	1900	0	
13:14	80.12	80.58	250197	16.02	27372	121.2	1873	0	
13:15	80.09	80.48	263931	16.02	27332	129.3	1877	0	
13:15	79.97	80.64	277633	16.15	27344	137.3	1859	0	
13:16	79.98	80.67	291351	16.15	27356	145.4	1850	0	
13:16	80.12	80.59	305085	16.02	27376	153.5	1836	0	
13:17	80.12	80.61	318802	16.02	27384	161.5	1827	0	
13:17	80.12	80.59	332523	16.02	27376	169.5	1822	0	
13:18	80.16	80.76	346272	16.02	27450	177.6	1818	0	
13:18	80.05	80.32	360002	16.02	27262	185.6	1813	0	
13:19	80.09	80.47	373684	16.02	27328	193.6	1809	0	
13:19	79.96	80.61	387375	16.15	27328	201.7	1809	0	
13:20	80.1	80.52	401084	16.02	27346	209.7	1804	0	
13:20	80.21	80.28	414863	15.89	27302	217.7	1799	0	
13:21	80.12	80.59	428577	16.02	27378	225.8	1795	0	
13:21	80.12	80.61	442301	16.02	27386	233.8	1777	0	
13:22	80.13	80.63	456044	16.02	27394	241.8	1795	0	
13:22	80.09	80.46	469759	16.02	27322	249.8	1777	0	
13:23	80.08	80.43	483446	16.02	27308	257.8	1790	0	
13:23	80.13	80.63	497154	16.02	27392	265.9	1790	0	
13:24	79.96	79.96	510816	16.02	27108	273.9	1786	0	
13:24	80.03	80.24	524416	16.02	27230	281.9	1790	0	
13:25	80.2	80.9	538096	16.02	27510	289.9	1777	0	
13:25	80.07	80.38	551807	16.02	27286	298.	1777	0	
13:26	80.13	80.63	565484	16.02	27394	306.	1767	0	
13:26	80.06	80.33	579190	16.02	27268	314.	1781	0	
13:27	80.06	80.37	592865	16.02	27282	322.	1772	0	
13:27	80.06	80.35	606529	16.02	27274	330.1	1767	0	

ORIGINAL

Well	Field	Service Date	Customer	Job Number
Winter #1-3	Hugoton		MOBIL DRILLING V39050075	20148902

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		
13:28	80.08	80.42	620202	16.02	27304	338.1	1767	0	
13:28	80.21	80.3	633887	15.89	27310	346.1	1763	0	
13:29	80.04	80.26	647578	16.02	27238	354.1	1777	0	
13:29	80.03	80.23	661235	16.02	27226	362.2	1767	0	
13:30	80.05	80.3	674895	16.02	27256	370.2	1777	0	
13:30	80.2	80.26	688558	15.89	27294	378.2	1777	0	
13:31	80.08	80.43	702256	16.02	27308	386.2	1772	0	
13:31	80.07	80.39	715935	16.02	27294	394.2	1777	0	
13:32	80.08	80.42	729619	16.02	27304	402.2	1772	0	
13:32	80.07	80.4	743297	16.02	27296	410.3	1772	0	
13:33	80.09	80.47	756988	16.02	27328	418.3	1777	0	
13:33	80.22	80.34	770693	15.89	27324	426.3	1758	0	
13:34	80.1	80.52	784400	16.02	27348	434.3	1772	0	
13:34	80.11	80.57	798102	16.02	27368	442.3	1763	0	
13:35	80.08	80.43	811805	16.02	27310	450.3	1767	0	
13:35	80.07	80.39	825496	16.02	27294	458.3	1767	0	
13:36	80.23	80.37	839204	15.89	27338	466.4	1767	0	
13:36	80.18	80.16	852874	15.89	27250	474.4	1754	0	
13:37	80.03	80.24	866519	16.02	27230	482.4	1758	0	
13:37	80.04	80.29	880164	16.02	27248	490.4	1772	0	
13:38	80.09	80.47	893846	16.02	27328	498.5	1758	0	
13:38	80.09	80.47	907539	16.02	27328	506.5	1758	0	
13:39	79.94	80.5	921217	16.15	27284	514.5	1767	0	
13:39	79.98	80.7	934906	16.15	27368	522.6	1772	0	
13:40	80.17	80.8	948638	16.02	27464	530.6	1763	0	
13:40	80.13	80.65	962411	16.02	27402	538.7	1767	0	
13:41	80.05	80.32	976087	16.02	27264	546.7	1749	0	
13:41	100.	64.23	989758	0.	27232	551.3	1625	0	
13:42	100.	64.39	1003447	0.	27300	551.3	1584	0	
13:42	100.	13.32	1016372	0.	5646	551.3	1497	0	
13:43	0.	0.	1016372	0.	0.	551.3	1273	0	
13:43	0.	0.	1016372	0.	0.	551.3	1218	0	

Post Job Summary

Average Injection Rates, bpm

Fluid	N2	CO2	Maximum Rate
16	27400	0	16.3

Volume of Fluid Injected, bbl

Clean Fluid	Acid	Oil	CO2	N2 (scf)
550	0	0	0	950450

Treating Pressure Summary, psi

Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP
0	2200	1580	1750	1400	0

Quantity of & placed, lb

Total Injected	Total Ordered/Designed
0	0

N2 Percent	CO2 Percent	Designed Fluid Volume	Displacement	Slurry Volume	Pad Volume	Percent Pad
80 %	0 %	100000 gal	64 bbl	550 bbl	0 gal	0 %

Customer or Authorized Representative	Dowell Supervisor	Number of Stages	Fracture Gradient	
John Rice	Dave Brawley	1	0 psi/ft	☑ Job Completed ☐ Screen Out