

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

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.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Other
 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: Sloan #A-1, Well #2

Original Comp. Date: 4-17-96 Original Total Depth: 2809
 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. _____

11-6-99 3-23-96 11-17-99
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 175-21527000 **ORIGINAL**
County: Seward

NW SE SE Sec. 4 Twp. 32 S. R. 34 East West
1250 feet from N (circle one) Line of Section
1250 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Sloan #A-1 Well #: 2
Field Name: Hugoton

Producing Formation: Chase
Elevation: Ground: 2832 Kelly Bushing: 2841
Total Depth: 2809 Plug Back Total Depth: 2675
Amount of Surface Pipe Set and Cemented at 583 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 _____ w/ _____ sx cmt.

Drilling Fluid Management Plan OWWE KGR 1-29-08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ 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.: _____


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MAY 19 2003
KCC WICHITA

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 Adm Date: 5/14/03
Subscribed and sworn to before me this 14th day of May
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


KIM LYNCH
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 26, 2006

Operator Name: Exxon Mobil Oil Corporation Lease Name: Sloan #A-1 Well #: 2
 Sec. 4 Twp. 32 S. R. 34 East West County: Seward

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="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>2528'</td> <td></td> </tr> <tr> <td>L. Krider</td> <td>2583'</td> <td></td> </tr> <tr> <td>Winfield</td> <td>2630'</td> <td></td> </tr> <tr> <td>Towanda</td> <td>2678'</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	U. Krider	2528'		L. Krider	2583'		Winfield	2630'		Towanda	2678'	
Name	Top	Datum														
U. Krider	2528'															
L. Krider	2583'															
Winfield	2630'															
Towanda	2678'															

CASING RECORD <input 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#	583	Class C	375	50:50 C/poz
Production	7.875	5.500	14#	2798	Class C	215	3% D 79 2% B28

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2675	Class C	2 sx	

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
	2559' - 2710'	Frac'd Well with 915,518 scf of 80Q N2 foam @ 80 BPM.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	85 @ 2680	2680	

Date of First, Resumed Production, SWD or Enhr.	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
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

Stimulation Service Report

Schlumberger
Dowell

Customer: MOBIL DRILLING V390500757A
Job Number: 20131616

Well: SLOAN A 1-2		Location (legal): 4, 32S, 34W		Dowell Location: Ulysses, KS		Job Start: 11/15/1999	
Field: HUGOTON		Formation Name/Type: Chase		Deviation: 0°	BH Size: 0 in	Well MD: 2,754 ft	Well TVD: 2,754 ft
County: Seward		State/Province: KS		BHP: 0 psi	BHST: 95 °F	BHCT: 85 °F	Pore Pres Gradient: 0 psi/ft
Rig Name: Key Energy		Drilled For: Gas		Service Via: Land		Casing	
Offshore Zone:		Well Class: Old		Well Type: Workover		Depth, ft: 2754	Size, in: 5.5
Primary Treating Fluid: 80Q Foam		Polymer Loading: 20 lb/1000gal		Fluid Density: lb/gal		Weight, lb/ft: 14	Grade: 0
Service Line: Fracturing		Job Type: Frac, N2 Foam/Energized		Depth, ft: 0	Size, in: 0	Weight, lb/ft: 0	Grade: 0
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. 25 miles on equipment, 35 on N2 transports.		Top, ft: 2559	Bottom, ft: 2710	spf: 0	No. of Shots: 0	Total Interval: 151 ft	
		0	0	0	0	Diameter: 0 in	
		0	0	0	0	Packer Depth: 0 ft	
		Treat Down: Casing	Displacement: 62.4 bbl	Packer Type: None	Packer Depth: 0 ft		
Job Scheduled For: 11/09/1999 11:00		Arrived on Location: 11/15/1999 10:30		Leave Location: 11/15/1999 14:00		Tubing Vol.: 0 bbl	Casing Vol.: 67.2 bbl
						Annular Vol.: 0 bbl	Open Hole Vol.: 0 bbl

Time	BH Foam Q	BH Inj Rate	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message		
24 hr clock	%	bpm	bpm	SCF/min	bbl	psi			
12:01	0	0	0	0	0	0	0	0	START ACQUISITION
12:01	0.	0.	0.	0.	0.	-3736	0	0	
12:02	0.	0.	0.	0.	0.769	2454	0	0	
12:03	0.	0.	0.	0.	0.769	2454	0	0	Pressure Test Lines
12:03	0.	0.	0.	0.	0.776	2912	0	0	
12:04	0.	0.	0.	0.	0.776	2875	0	0	
12:05	0.	0.	0.	0.	0.776	2857	0	0	
12:06	0.	0.	0.	0.	0.776	2853	0	0	
12:07	0.	0.	0.	0.	0.776	2871	0	0	
12:08	0.	0.	0.	0.	0.776	554.	0	0	
12:09	0.	8.34	8.34	0.	3.39	64.1	0	0	
12:10	0.	8.34	8.34	0.	3.39	64.1	0	0	[Total N2 Rate]=F[Total N2 Rate 2]
12:10	0.	8.34	8.34	0.	3.39	64.1	0	0	Start N2 tach rates
12:10	78.23	39.49	8.6	13100	11.51	366.3	0	0	
12:11	80.57	39.55	7.69	13510	19.4	783.	0	0	
12:12	81.05	39.87	7.56	13700	26.99	1076	0	0	
12:13	67.19	48.04	15.76	13688	38.45	1502	0	0	
12:14	80.06	81.01	16.15	27498	54.59	1690	0	0	
12:15	80.15	80.72	16.02	27430	70.8	1658	0	0	
12:16	80.18	80.82	16.02	27476	87.	1644	0	0	
12:17	80.23	81.02	16.02	27560	103.1	1667	0	0	
12:18	80.12	81.26	16.15	27604	119.3	1625	0	0	
12:19	80.15	81.36	16.15	27646	135.4	1616	0	0	
12:20	80.21	80.97	16.02	27538	151.5	1616	0	0	
12:21	80.18	80.84	16.02	27482	167.7	1639	0	0	
12:22	80.05	80.95	16.15	27474	183.9	1607	0	0	
12:23	80.07	81.03	16.15	27510	200.	1598	0	0	
12:25	80.18	80.82	16.02	27476	216.2	1635	0	0	
12:26	80.18	80.82	16.02	27474	232.4	1644	0	0	

ORIGINAL

Well		Field				Service Date		Customer		Job Number	
SLOAN A #1-2		HUGOTON						AOBIL DRILLING V39050079		20131616	
Time	BH Foam G	BHinj Rate	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi				Message	
24 hr clock	%	bpm	bpm	ft/min	bbl	psi					
12:27	80.05	80.96	16.15	27478	248.5	1630	0	0			
12:28	80.08	81.08	16.15	27530	264.7	1580	0	0			
12:29	80.2	81.6	16.15	27748	280.8	1625	0	0			
12:30	80.31	81.37	16.02	27708	297.	1635	0	0			
12:31	80.14	80.69	16.02	27418	313.2	1571	0	0			
12:32	80.12	80.57	16.02	27370	329.3	1639	0	0			
12:33	80.19	80.87	16.02	27494	345.5	1625	0	0			
12:34	80.23	81.06	16.02	27576	361.6	1575	0	0			
12:35	80.21	80.94	16.02	27526	377.8	1612	0	0			
12:36	80.21	80.97	16.02	27536	394.	1630	0	0			
12:37	80.2	80.92	16.02	27518	410.1	1625	0	0			
12:38	80.25	81.13	16.02	27604	426.3	1584	0	0			
12:39	80.05	80.98	16.15	27488	442.4	1625	0	0			
12:40	80.19	80.89	16.02	27502	458.6	1635	0	0			
12:41	80.17	80.8	16.02	27464	474.7	1607	0	0			
12:42	80.43	81.87	16.02	27918	490.9	1584	0	0			
12:43	80.15	80.71	16.02	27426	507.	1621	0	0			
12:44	80.13	80.63	16.02	27394	523.2	1603	0	0			
12:45	80.15	80.72	16.02	27434	539.3	1561	0	0			
12:46	100.	64.6	0.	27390	550.8	1461	0	0			
12:47	0.	0.	0.	0.	550.8	1259	0	0			
12:48	0.	0.	0.	0.	550.8	1218	0	0			
12:49	0.	0.	0.	0.	550.8	1200	0	0			
12:50	0.	0.	0.	0.	550.8	1186	0	0			
12:51	0.	0.	0.	0.	550.8	1177	0	0			
12:52	0.	0.	0.	0.	550.8	1168	0	0			
12:53	0.	0.	0.	0.	550.8	1163	0	0			
12:54	0.	0.	0.	0.	550.8	1154	0	0			
12:55	0.	0.	0.	0.	550.8	1145	0	0			
12:56	0.	0.	0.	0.	550.8	1140	0	0			
12:57	0.	0.	0.	0.	550.8	1131	0	0			
12:58	0.	0.	0.	0.	550.8	1126	0	0			
12:59	0.	0.	0.	0.	550.8	1117	0	0			
13:00	0.	0.	0.	0.	550.8	1113	0	0			
13:01	0.	0.	0.	0.	550.8	1103	0	0			
13:02	0.	0.	0.	0.	550.8	1099	0	0			
13:03	0.	0.	0.	0.	550.8	1094	0	0			
13:04	0.	0.	0.	0.	550.8	1090	0	0			
13:05	0.	0.	0.	0.	550.8	1081	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)
16	27200	0	16		550	0	0	0	915518
Treating Pressure Summary, psi					Quantity of & placed, lb				
Breakdown	Maximum	Final	Average	ISIP	16 Min. ISIP	Total Injected	Total Ordered/Designed		
0	1743	1486	1540	1245	1095	0	0		
N2 Percent	CO2 Percent	Designed Fluid Volume		Displacement		Slurry Volume		Pad Volume	Percent Pad
80 %	0 %	100000 gal		62 bbl		550 bbl		0 gal	0 %
Customer or Authorized Representative			Dowell Supervisor			Number of Stages	Fracture Gradient	<input checked="" type="checkbox"/> Job Completed	
John Rice			Dave Brawley			1	0 psi/ft	<input type="checkbox"/> Screen Out	