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.

RECEIVED
JUL 10 2003
KCC WICHITA

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: STELLA B. HILL UNIT, WELL #3
Original Comp. Date: 3-13-97 Original Total Depth: 2695'

___ 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.

4-12-02	2-16-97	4-19-02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 067-21382-00-01
County: Stevens
___ NW NE SE Sec. 23 Twp. 27 S. R. 37 ☐ East ☑ West
2585 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: STELLA B. HILL UNIT Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3023 Kelly Bushing: 3023
Total Depth: 2695 Plug Back Total Depth: 2644
Amount of Surface Pipe Set and Cemented at 699 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

KIM LYNCH
NOTARY PUBLIC, STATE OF TEXAS
MY 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

Side Two

Operator Name: Exxon Mobil Oil Corporation * Lease Name: STELLA B. HILL UNIT Well #: 3

Sec. 23 Twp. 27 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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No
(Submit Copy)

List All E. Logs Run:

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

Name	Top	Datum
L. KRIDER	2378	2388
WINFIELD	2426	2434
TOWANDA	2485	2495
U. FT. RILEY	2530	2540

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#	699'	CLASS C	400	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2683'	CLASS C	175, 75	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	2378' - 2540'	FRAC'D WELL WITH 965,800 scf OF	
		80Q N2 FOAM @ 80BPM	

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

Date of First, Resumed Production, SWD or Enhr. 3-21-97

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)* _____

RECEIVED
ORIGINAL JUL 10 2003
KCC WICHITA

Schlumberger Stimulation Service Report

Customer	Job Number
EXXON MOBIL CORPORATION	2205440406

Well	Location (legal)	Schlumberger Location	Job Start
HILL SB 3	Sec. 23-27S-37W	Ulysses, KS	2002-Apr-16

Field	Formation Name/Type	Deviation	BitSize:	Well MD	Well TVD
Hugoton	Chase	°	in	2,644 ft	2,644 ft

County	State/Province	BHP	BHST	BHCT	Pore Pres Gradient
GRANT	KS	psi	95 °F	85 °F	psi/ft

Well Maste	API / UW
0630414584	

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	30 lb/1000gal	lb/gal

Service Line	Job Type
Fracturing	Frac,N2Foam/Energized

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
2500 psi	psi	5 1/2 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:
	2002-Apr-16 10:30	2002-Apr-16 13:00

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
2644	5.5	14	K55	8RD

Tubing/Drill Pipe

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

Perforations/Open Hole

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
2378	2388	2	20	28 ft
2426	2434	2	16	Diameter
2485	2495	2	20	in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	60.9 bbl	None	ft

Tubing Vol.	CasingVol.	AnnularVol.	OpenHoleVol
bbl	64.5 bbl	bbl	bbl

Date	Time 24 hr clock	Fluid Type	Prop Type	PPA	Rates Gas scf/m	Rates Fluid bpm	Volumes Incr. bbl	Volumes Cum. bbl	Pressures Casing psi	Pressures Tubing psi	Message

Post Job Summary

Average Injection Rates, bpm

Fluid	N2	CO2	Maximum Rate
16	17350		16

Volume of Fluid Injected, bbl

Clean Fluid	Acid	Oil	CO2	N2 (scf)
551				965800

Treating Pressure Summary, psi

Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP
	1920	1320	1578	1182	

Quantity of & placed, lb

Total Injected	Total Ordered/Designed

N2 Percent	CO2 Percent	Designed Fluid Volume	Displacement	Slurry Volume	Pad Volume	Percent Pad
80 %	%	115500 gal	64 bbl	551 bbl	gal	%

Customer or Authorized Representative	Schlumberger Supervisor	Number of Stages	Fracture Gradient	
Lewis, Richard	David Brawley	1	psi/ft	☐ Job Completed ☐ Screen Out

ORIGINAL

Schlumberger	Customer: District: Perryton, Tx Representative: DS Supervisor:
Job Date: 04-16-2002	Well:

Time mm:dd:yyyy:hh:mm:ss	Treating Pressure psi	Slurry Rate bbl/min	N2 PUMP RATE bbl/min	PCM LIQ ADD4 RATE gal/min
04:16:2002:11:27:19	3090	0.0	0.0	0.00
04:16:2002:11:27:39	3081	0.0	0.0	0.00
04:16:2002:11:27:59	3076	0.0	0.0	0.00
04:16:2002:11:28:19	3076	0.0	0.0	0.00
04:16:2002:11:28:39	3076	0.0	0.0	0.00
04:16:2002:11:28:59	3076	0.0	0.0	0.00
04:16:2002:11:29:19	3076	0.0	0.0	0.00
04:16:2002:11:29:39	3076	0.0	0.0	0.00
04:16:2002:11:29:59	23	0.0	0.0	0.00
04:16:2002:11:30:19	37	0.0	0.0	0.00
04:16:2002:11:30:39	41	0.0	0.0	0.00
04:16:2002:11:30:59	41	0.0	0.0	0.00
04:16:2002:11:31:19	37	0.0	0.0	0.00
04:16:2002:11:31:39	41	0.0	0.0	0.00
04:16:2002:11:31:59	41	0.0	0.0	0.00
04:16:2002:11:32:19	41	0.0	0.0	0.00
04:16:2002:11:32:39	41	0.0	0.0	0.00
04:16:2002:11:32:59	41	0.0	0.0	0.00
04:16:2002:11:33:19	41	0.0	0.0	0.00
04:16:2002:11:33:39	41	0.0	0.0	0.00
04:16:2002:11:33:59	41	0.0	0.0	0.00
04:16:2002:11:34:19	41	0.0	0.0	0.00
04:16:2002:11:34:39	41	0.0	0.0	0.00
04:16:2002:11:34:59	41	0.0	0.0	0.00
04:16:2002:11:35:19	41	0.0	0.0	0.00
04:16:2002:11:35:39	41	0.0	0.0	0.00
04:16:2002:11:35:59	41	0.0	0.0	0.00
04:16:2002:11:36:19	37	0.0	0.0	0.00
04:16:2002:11:36:39	41	0.0	0.0	0.00
04:16:2002:11:36:59	41	0.0	0.0	0.00
04:16:2002:11:37:19	41	0.0	0.0	0.00
04:16:2002:11:37:39	41	0.0	0.0	0.00
04:16:2002:11:37:59	41	0.0	0.0	0.00
04:16:2002:11:38:19	41	0.0	0.0	0.00
04:16:2002:11:38:39	41	0.0	0.0	0.00
04:16:2002:11:38:45	Started PAD			
04:16:2002:11:38:45	41	0.0	0.0	0.00
04:16:2002:11:38:59	41	0.0	0.0	0.00
04:16:2002:11:39:18	Started Pumping			
04:16:2002:11:39:18	252	1.8	0.0	0.00
04:16:2002:11:39:19	266	2.7	0.0	0.00
04:16:2002:11:39:39	481	6.2	0.0	0.00
04:16:2002:11:39:59	696	7.4	0.0	0.00
04:16:2002:11:40:19	916	8.0	0.0	0.00
04:16:2002:11:40:39	1181	8.0	0.0	0.00
04:16:2002:11:40:59	1305	8.1	0.0	0.00
04:16:2002:11:41:19	1392	8.0	0.0	0.00
04:16:2002:11:41:39	1712	15.9	0.0	0.00
04:16:2002:11:41:59	1868	15.9	0.0	0.00
04:16:2002:11:42:09	Started Pumping			
04:16:2002:11:42:09	1772	16.0	0.0	0.00
04:16:2002:11:42:19	1662	15.9	0.0	0.00
04:16:2002:11:42:39	1607	16.0	0.0	0.00
04:16:2002:11:42:59	1643	16.0	0.0	0.00
04:16:2002:11:43:19	1666	16.0	0.0	0.00
04:16:2002:11:43:39	Started FLUSH Automatically			
04:16:2002:11:43:39	1675	16.0	0.0	0.00

ORIGINAL

Well:

Job Date: 04-16-2002

Time mm:dd:yyyy:hh:mm:ss	Treating Pressure psi	Slurry Rate bbl/min	N2 PUMP RATE bbl/min	PCM LIQ ADD4 RATE gal/min
04:16:2002:11:44:19	1666	16.0	0.0	0.00
04:16:2002:11:44:39	1662	16.0	0.0	0.00
04:16:2002:11:44:53	Started Pumping			
04:16:2002:11:44:53	Started PAD Automatically			
04:16:2002:11:44:53	1657	16.0	0.0	0.00
04:16:2002:11:44:59	1657	16.0	0.0	0.00
04:16:2002:11:45:19	1653	16.0	0.0	0.00
04:16:2002:11:45:39	1653	16.0	0.0	0.00
04:16:2002:11:45:59	1643	16.0	0.0	0.00
04:16:2002:11:46:19	1630	16.0	0.0	0.00
04:16:2002:11:46:39	1625	16.0	0.0	0.00
04:16:2002:11:46:59	1598	16.0	0.0	0.00
04:16:2002:11:47:19	1598	16.0	0.0	0.00
04:16:2002:11:47:39	1588	16.0	0.0	0.00
04:16:2002:11:47:59	1588	16.1	0.0	0.00
04:16:2002:11:48:19	1584	16.1	0.0	0.00
04:16:2002:11:48:39	1570	16.1	0.0	0.00
04:16:2002:11:48:59	1570	16.0	0.0	0.00
04:16:2002:11:49:20	1561	16.1	0.0	0.00
04:16:2002:11:49:39	1566	16.0	0.0	0.00
04:16:2002:11:50:00	1556	16.1	0.0	0.00
04:16:2002:11:50:20	1552	16.0	0.0	0.00
04:16:2002:11:50:40	1547	16.1	0.0	0.00
04:16:2002:11:51:00	1538	16.1	0.0	0.00
04:16:2002:11:51:20	1538	16.1	0.0	0.00
04:16:2002:11:51:40	1534	16.0	0.0	0.00
04:16:2002:11:52:00	1538	16.1	0.0	0.00
04:16:2002:11:52:20	1538	16.1	0.0	0.00
04:16:2002:11:52:40	1534	16.1	0.0	0.00
04:16:2002:11:53:00	1529	16.0	0.0	0.00
04:16:2002:11:53:20	1534	16.1	0.0	0.00
04:16:2002:11:53:40	1529	16.1	0.0	0.00
04:16:2002:11:54:00	1524	16.1	0.0	0.00
04:16:2002:11:54:20	1524	16.1	0.0	0.00
04:16:2002:11:54:40	1534	16.1	0.0	0.00
04:16:2002:11:55:00	1524	16.1	0.0	0.00
04:16:2002:11:55:20	1529	16.1	0.0	0.00
04:16:2002:11:55:40	1524	16.1	0.0	0.00
04:16:2002:11:56:00	1524	16.1	0.0	0.00
04:16:2002:11:56:20	1529	16.2	0.0	0.00
04:16:2002:11:56:40	1520	16.1	0.0	0.00
04:16:2002:11:57:00	1524	16.1	0.0	0.00
04:16:2002:11:57:20	1520	16.1	0.0	0.00
04:16:2002:11:57:40	1520	16.1	0.0	0.00
04:16:2002:11:58:00	1520	16.1	0.0	0.00
04:16:2002:11:58:20	1520	16.1	0.0	0.00
04:16:2002:11:58:40	1515	16.2	0.0	0.00
04:16:2002:11:59:00	1515	16.1	0.0	0.00
04:16:2002:11:59:20	1520	16.1	0.0	0.00
04:16:2002:11:59:40	1524	16.2	0.0	0.00
04:16:2002:12:00:00	1534	16.1	0.0	0.00
04:16:2002:12:00:20	1538	16.1	0.0	0.00
04:16:2002:12:00:40	1538	16.1	0.0	0.00
04:16:2002:12:01:00	1543	16.2	0.0	0.00
04:16:2002:12:01:20	1543	16.1	0.0	0.00
04:16:2002:12:01:40	1547	16.2	0.0	0.00
04:16:2002:12:02:00	1543	16.2	0.0	0.00
04:16:2002:12:02:20	1534	16.1	0.0	0.00
04:16:2002:12:02:40	1524	16.1	0.0	0.00
04:16:2002:12:03:00	1538	16.1	0.0	0.00
04:16:2002:12:03:20	1534	16.2	0.0	0.00
04:16:2002:12:03:40	1534	16.2	0.0	0.00
04:16:2002:12:04:00	1538	16.2	0.0	0.00

ORIGINAL

Well:

Job Date: 04-16-2002

Time mm:dd:yyyy:hh:mm:ss	Treating Pressure psi	Slurry Rate bbl/min	N2 PUMP RATE bbl/min	PCM LIQ ADD4 RATE gal/min
04:16:2002:12:04:20	1543	16.1	0.0	0.00
04:16:2002:12:04:40	1538	16.1	0.0	0.00
04:16:2002:12:05:00	1543	16.1	0.0	0.00
04:16:2002:12:05:20	1538	16.1	0.0	0.00
04:16:2002:12:05:40	1538	16.1	0.0	0.00
04:16:2002:12:06:00	1538	16.1	0.0	0.00
04:16:2002:12:06:20	1538	16.1	0.0	0.00
04:16:2002:12:06:40	1534	16.1	0.0	0.00
04:16:2002:12:07:00	1543	16.1	0.0	0.00
04:16:2002:12:07:20	1538	16.0	0.0	0.00
04:16:2002:12:07:40	1529	16.1	0.0	0.00
04:16:2002:12:08:00	1534	16.1	0.0	0.00
04:16:2002:12:08:20	1534	16.1	0.0	0.00
04:16:2002:12:08:40	1529	16.1	0.0	0.00
04:16:2002:12:09:00	1529	16.1	0.0	0.00
04:16:2002:12:09:20	1524	16.0	0.0	0.00
04:16:2002:12:09:40	1529	16.1	0.0	0.00
04:16:2002:12:10:00	1520	16.1	0.0	0.00
04:16:2002:12:10:20	1534	16.1	0.0	0.00
04:16:2002:12:10:40	1543	16.1	0.0	0.00
04:16:2002:12:11:00	1547	16.1	0.0	0.00
04:16:2002:12:11:20	1552	16.1	0.0	0.00
04:16:2002:12:11:40	1552	16.1	0.0	0.00
04:16:2002:12:12:00	1543	16.0	0.0	0.00
04:16:2002:12:12:20	1534	16.1	0.0	0.00
04:16:2002:12:12:40	1529	16.1	0.0	0.00
04:16:2002:12:13:00	1515	16.1	0.0	0.00
04:16:2002:12:13:20	1501	16.1	0.0	0.00
04:16:2002:12:13:40	1488	16.1	0.0	0.00
04:16:2002:12:14:00	1442	16.2	0.0	0.00
04:16:2002:12:14:20	1410	16.1	0.0	0.00
04:16:2002:12:14:40	1405	16.1	0.0	0.00
04:16:2002:12:15:00	1433	16.1	0.0	0.00
04:16:2002:12:15:10	Started FLUSH Automatically			
04:16:2002:12:15:10	1369	20.0	0.0	0.00
04:16:2002:12:15:20	1328	0.0	0.0	0.00
04:16:2002:12:15:40	1318	0.0	0.0	0.00
04:16:2002:12:16:00	1323	0.0	0.0	0.00
04:16:2002:12:16:20	1167	0.0	0.0	0.00