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: Schlumberger
License: N.A.
Wellsite Geologist: N.A.

RECEIVED
MAY 19 2003
KCC WICHITA

Designate Type of Completion:
___ New Well ___ Re-Entry X 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: Ellis #1 Unit, Well # 3
Original Comp. Date: 11-27-95 Original Total Depth: 3002
___ 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.

10-30-99	10-26-95	11-4-99
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-21931000
County: Stevens
SE SE SW Sec. 24 Twp. 33 S. R. 36 ☐ East ☒ West
460 feet from (S) / N (circle one) Line of Section
2628 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Ellis #1 Unit Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3013 Kelly Bushing: 3022
Total Depth: 3002 Plug Back Total Depth: 2967
Amount of Surface Pipe Set and Cemented at 652 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 OWWO KJR 2/5/08
(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.:

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 KSL

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: Ellis #1 Unit Well #: 3

Sec. 24 Twp. 33 S. R. 36 ☐ 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 (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
Herington	2623'- 33'	
L. Krider	2690' - 2705'	
Winfield	2734' - 44'	
Towanda	2800' - 15'	

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#	652	Class C	375	50:50 C/poz
Production	7.875	5.500	14#	2992	Class C	475	3% D 79 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
4 spf	2635' - 2720'	Frac'd Well with 808,000 scf N2	
		of 80Q foam @ 80 BPM	

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

Date of First, Resumed Production, SWD or Enhr. 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 OIL CORPORATION	20130882

Well	Location (legal)	Dowell Location	Job Start
ELLIS 1-3		Ulysses, KS	11/01/1999

Field	Formation Name/Type	Deviation	BitSize:	Well MD	Well TVD
HUGOTON	CHASE	°	in	3,000 ft	3,000 ft

County	State/Province	BHP	BHST	BHCT	Pore Pres Gradient
STEVENS	KS	1200 psi	100 °F	80 °F	psi/ft

Rig Name	Drilled For	Service Via
KEY	Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Development

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	psi	5 1/2" x 4" SWAGE

Service Instructions

100,000 GAL 80Q WF120 FOAM
80 BPM VIA 5 1/2" CSG, MASTP 2500 PSI
21,000 GAL YF120, BATCH MIX
808,000 SCF N2, (DOWNHOLE VOLUME)
5 miles on equipment & 40 on N2 Transports.

Job Scheduled For:	Arrived on Location:	Leave Location:
	11/01/1999 11:00	11/01/1999 13:00

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
3000	5.5	14		8RD

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
2623	2815			ft
				Diameter
				0.4 in

Treat Down	Displacement	Packer Type	Packer Depth
	0 bbl	None	ft

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

Time 24 hr clock	BH Foam Q %	BHInj Rate bpm	Nitrogen Rate scfm	Total Flowrate bpm	Total Volume bbl	Treating Psi psi			Message
11:46	0	0	0	0	0	0	0	0	START ACQUISITION
11:46	0.	0.	0.	0.	0.	-3420	0	0	
11:47	0.	0.	0.	0.	1.9	119.	0	0	
11:48	0.	0.	0.	0.	1.91	3063	0	0	
11:49	0.	0.	0.	0.	1.91	3132	0	0	
11:49	0.	0.	0.	0.	1.91	3132	0	0	Pressure Test Lines
11:50	0.	0.	0.	0.	1.91	2999	0	0	
11:50	0.	0.	0.	0.	1.91	2999	0	0	[Total N2 Rate]=F[Total N2 Rate 2]
11:50	0.	0.	0.	0.	1.91	2999	0	0	Start N2 tach rates
11:51	0.	2.21	0.	2.21	2.4	4.58	0	0	
11:52	88.48	71.23	26720	8.21	9.84	407.5	0	0	
11:53	88.94	71.81	27080	7.95	17.85	663.9	0	0	
11:54	88.7	72.63	27316	8.21	25.56	961.5	0	0	
11:55	83.92	76.96	27384	12.37	34.33	1177	0	0	
11:56	80.01	80.78	27404	16.15	50.2	1360	0	0	
11:57	80.3	80.68	27472	15.89	66.41	1703	0	0	
11:58	80.17	80.81	27472	16.02	82.5	1914	0	0	
11:59	79.99	80.72	27376	16.15	98.69	1960	0	0	
12:00	79.91	81.07	27468	16.28	115.	1804	0	0	
12:01	80.02	81.48	27644	16.28	131.3	1616	0	0	
12:02	80.01	81.47	27640	16.28	147.6	1621	0	0	
12:03	80.19	81.53	27720	16.15	163.8	1589	0	0	
12:04	80.24	81.75	27812	16.15	180.1	1561	0	0	
12:05	80.03	80.88	27444	16.15	196.4	1552	0	0	
12:06	79.97	80.62	27336	16.15	212.6	1534	0	0	
12:07	79.98	80.69	27364	16.15	228.9	1538	0	0	
12:08	79.94	80.53	27296	16.15	245.2	1534	0	0	
12:09	79.87	80.88	27388	16.28	261.5	1529	0	0	

Well	Field	Service Date	Customer	Job Number
ELLIS #1-3	HUGOTON		MOBIL OIL CORPORATIO	20130882

Time	BH Foam Q	BHInj Rate	Nitrogen Rate	Total Flowrate	Total Volume	Treating Psi			Message
24 hr clock	%	bpm	scfm	bpm	bbl	psi			ORIGINAL
12:10	79.94	80.52	27292	16.15	277.8	1529	0	0	
12:11	79.9	81.02	27448	16.28	294.1	1534	0	0	
12:12	79.9	81.	27440	16.28	310.3	1529	0	0	
12:13	79.81	80.66	27296	16.28	326.6	1538	0	0	
12:14	79.94	80.51	27288	16.15	342.9	1520	0	0	
12:15	80.01	80.78	27404	16.15	359.2	1571	0	0	
12:16	80.02	80.82	27420	16.15	375.4	1525	0	0	
12:17	80.05	80.94	27472	16.15	391.7	1561	0	0	
12:18	79.92	81.08	27476	16.28	407.9	1557	0	0	
12:19	80.05	80.94	27472	16.15	424.2	1557	0	0	
12:20	80.04	80.94	27468	16.15	440.4	1538	0	0	
12:21	80.05	80.94	27472	16.15	456.7	1534	0	0	
12:22	79.91	81.07	27468	16.28	472.9	1529	0	0	
12:23	79.99	80.72	27376	16.15	489.2	1534	0	0	
12:24	79.99	80.72	27376	16.15	505.4	1575	0	0	
12:25	80.13	81.28	27616	16.15	521.7	1548	0	0	
12:26	80.14	81.34	27640	16.15	537.9	1566	0	0	
12:27	80.18	81.49	27704	16.15	554.2	1575	0	0	
12:28	0.	0.	0.	0.	560.4	1035	0	0	
12:29	0.	0.	0.	0.	560.4	984.4	0	0	
12:30	0.	0.	0.	0.	560.4	957.	0	0	
12:31	0.	0.	0.	0.	560.4	938.6	0	0	
12:32	0.	0.	0.	0.	560.4	929.5	0	0	
12:33	0.	0.	0.	0.	560.4	915.8	0	0	
12:34	0.	0.	0.	0.	560.4	906.6	0	0	
12:35	0.	0.	0.	0.	560.4	897.4	0	0	
12:36	0.	0.	0.	0.	560.4	888.3	0	0	
12:37	0.	0.	0.	0.	560.4	883.7	0	0	
12:38	0.	0.	0.	0.	560.4	874.5	0	0	
12:39	0.	0.	0.	0.	560.4	870.	0	0	
12:40	0.	0.	0.	0.	560.4	860.8	0	0	
12:41	0.	0.	0.	0.	560.4	856.2	0	0	
12:42	0.	0.	0.	0.	560.4	847.1	0	0	

Post Job Summary

Average Injection Rates, bpm

Fluid	N2	CO2	Maximum Rate
16	27200	0	16

Volume of Fluid Injected, bbl

Clean Fluid	Acid	Oil	CO2	N2 (scf)
560	0	0	0	0

Treating Pressure Summary, psi

Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP
0	1963	1528	1575	1228	833

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
0%	0%	100000 gal	0 bbl	560 bbl	0 gal	0 %

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