RECEIVED
KANSAS CORPORATION COMMISSION
MAY 2 8 2003
CONSERVATION DIVISION
WICHITA, KS

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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 Energey
License: N. A.
Wellsite Geologist: N. A.

Designate Type of Completion:
___ New Well ___ Re-Entry ✓ Workover (Add Perfs & ReFrac)
___ 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: BEATY "A" UNIT, WELL #3
Original Comp. Date: 11-15-95 Original Total Depth: 2798

___ 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.

10-22-99	10-28-95	10-30-99
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-21492-0001
County: Stevens
SE-NW-NW Sec. 36 Twp. 31 S. R. 34 ☐ East ☑ West
1250 feet from S / (N) (circle one) Line of Section
1250 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: BEATY "A" UNIT Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 2775 Kelly Bushing: 2784
Total Depth: 2798 Plug Back Total Depth: 2742
Amount of Surface Pipe Set and Cemented at 582 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
(Data must be collected from the Reserve Pit)
OWWO KJR 1-18-08
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 Tech Date: 5/21/03
Subscribed and sworn to before me this 21 day of May, 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: BEATY "A" UNIT Well #: 3

Sec. 36 Twp. 31 S. R. 34 ☐ East ☑ West County: Stevens

ORIGINAL

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
U. KRIDER	2508'	2518'
L. KRIDER	2542'	2562'
WINFIELD	2588'	2988'

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#	582	CLASS C	400	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2788	CLASS C	225, 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
4 spf	2508' - 2598'	FRAC'D WELL W/ 931,892 OF	
		80Q N2 foam @ plus/minus 80 BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8" #Jts 84	@ 2637		☐ 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 DRILLING V390500757A	20130144

Well	Location (legal)	Dowell Location	Job Start
Beaty A 3	Sec. 1-32S-34W	Ulysses, KS	10/26/1999

Field	Formation Name/Type	Deviation	BitSize:	Well MD	Well TVD
Hugoton	Chase	0 °	0 in	2,742 ft	2,742 ft

County	State/Province	BHP	BHST	BHCT	Pore Pres Gradient
Seward	Kansas	0 psi	95 °F	85 °F	0 psi/ft

Rig Name	Drilled For	Service Via	Offshore Zone	Well Class	Well Type
	Gas	Land		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.
42 miles on equipment.

Job Scheduled For:	Arrived on Location:	Leave Location:
10/26/1999 6:00	10/26/1999 6:00	10/26/1999 10:00

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
2742	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
2508	2598	0	0	90 ft
0	0	0	0	Diameter
0	0	0	0	0 in

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

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

Time 24 hr clock	BH Foam Q %	BHInj Rate bpm	Total Flowrate bpm	Total N2 Rate ft3/min	Total Volume bbl	Treating Psi psi			Message
8:21	0	0	0	0	0	0	0	0	START ACQUISITION
8:21	0.	0.	0.	0.	0.	-3723	0	0	
8:22	0.	0.	0.	0.	0.343	2605	0	0	
8:23	0.	0.	0.	0.	0.343	2605	0	0	Pressure Test Lines
8:23	0.	0.	0.	0.	0.347	2889	0	0	
8:24	0.	0.	0.	0.	0.347	2843	0	0	
8:25	0.	0.	0.	0.	0.347	251.8	0	0	
8:26	0.	0.	0.	0.	0.347	251.8	0	0	PAUSE ACQUISITION
8:40	0.	0.	0.	0.	0.347	251.8	0	0	RESTART AFTER PAUSE
8:40	0.	0.	0.	0.	0.347	338.8	0	0	
8:41	0.	0.	0.	0.	0.347	338.8	0	0	Start N2 tach rates
8:41	0.	0.	0.	0.	0.347	338.8	0	0	[Total N2 Rate]=F[Total N2 Rate 2]
8:41	80.51	40.11	7.82	13692	4.7	320.5	0	0	
8:42	80.57	40.22	7.82	13738	12.71	760.1	0	0	
8:43	80.56	40.21	7.82	13736	20.69	1117	0	0	
8:44	68.22	47.55	15.11	13754	29.78	1401	0	0	
8:45	75.29	65.9	16.28	21036	45.61	1493	0	0	
8:46	79.78	80.53	16.28	27242	61.94	1548	0	0	
8:47	79.93	81.13	16.28	27496	78.27	1557	0	0	
8:48	79.88	80.93	16.28	27412	94.62	1630	0	0	
8:49	79.51	80.1	16.41	27004	111.	1575	0	0	
8:50	79.81	81.3	16.41	27514	127.4	1575	0	0	
8:51	79.81	81.28	16.41	27504	143.8	1598	0	0	
8:52	79.94	81.17	16.28	27512	160.2	1593	0	0	
8:53	79.88	80.94	16.28	27416	176.5	1543	0	0	
8:54	79.89	80.96	16.28	27422	192.9	1566	0	0	
8:55	79.81	81.3	16.41	27514	209.3	1566	0	0	
8:56	79.98	81.35	16.28	27588	225.7	1612	0	0	

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Well	Field	Service Date	Customer	Job Number
Beaty A #2	Hugoton		MOBIL DRILLING	2913911

ORIGINAL

Time 24 hr clock	BH Foam Q %	Blding Rate bpm	Total Flowrate bpm	Total N2 Rate ft3/min	Total Volume bbl	Treating Psi psi			Message
8:57	79.95	81.19	16.28	27522	242.1	1557	0	0	
8:58	79.83	80.74	16.28	27330	258.2	1667	0	0	
8:59	79.99	80.73	16.15	27382	274.4	1630	0	0	
9:00	80.02	80.83	16.15	27424	291.6	1561	0	0	
9:01	80.05	80.96	16.15	27480	308.7	1644	0	0	
9:02	80.07	81.05	16.15	27516	324.9	1676	0	0	
9:03	80.1	81.17	16.15	27566	341.1	1639	0	0	
9:04	80.06	80.99	16.15	27492	357.3	1616	0	0	
9:05	80.07	81.02	16.15	27506	373.5	1639	0	0	
9:06	80.07	81.04	16.15	27514	389.7	1648	0	0	
9:07	80.07	81.02	16.15	27506	405.9	1648	0	0	
9:08	80.07	81.03	16.15	27508	422.1	1635	0	0	
9:09	80.08	81.1	16.15	27538	438.3	1584	0	0	
9:10	80.11	81.23	16.15	27592	454.5	1639	0	0	
9:11	80.01	81.46	16.28	27634	470.7	1589	0	0	
9:12	80.11	81.21	16.15	27584	486.9	1667	0	0	
9:13	79.98	81.32	16.28	27576	503.2	1630	0	0	
9:14	80.08	81.08	16.15	27530	519.4	1566	0	0	
9:15	80.09	81.12	16.15	27546	535.6	1603	0	0	
9:16	80.09	81.14	16.15	27554	551.8	1561	0	0	
9:17	0.	0.	0.	0.	561.6	1081	0	0	
9:18	0.	0.	0.	0.	561.6	1012	0	0	
9:19	0.	0.	0.	0.	561.6	993.6	0	0	
9:20	0.	0.	0.	0.	561.6	975.3	0	0	
9:21	0.	0.	0.	0.	561.6	966.1	0	0	
9:22	0.	0.	0.	0.	561.6	957.	0	0	
9:23	0.	0.	0.	0.	561.6	947.8	0	0	
9:24	0.	0.	0.	0.	561.6	943.2	0	0	
9:25	0.	0.	0.	0.	561.6	934.1	0	0	
9:26	0.	0.	0.	0.	561.6	929.5	0	0	
9:27	0.	0.	0.	0.	561.6	920.3	0	0	
9:28	0.	0.	0.	0.	561.6	915.8	0	0	
9:29	0.	0.	0.	0.	561.6	911.2	0	0	
9:30	0.	0.	0.	0.	561.6	902.	0	0	
9:31	0.	0.	0.	0.	561.6	897.4	0	0	

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Post Job Summary

Average Injection Rates, bpm

Fluid	N2	CO2	Maximum Rate
15	27200	0	16

Volume of Fluid Injected, bbl

Clean Fluid	Acid	Oil	CO2	N2 (scf)
560	0	0	0	931892

Treating Pressure Summary, psi

Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP
0	1650	1620	1550	1121	892

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