

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.

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover (Re frac)  
\_\_\_\_ Oil \_\_\_\_ SWD \_\_\_\_ SLOW \_\_\_\_ 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: NIX #3 UNIT, WELL #3

Original Comp. Date: 6-9-95 Original Total Depth: 2979  
XXV HYDRAULICALLY FRACTURED  
\_\_\_\_ 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. \_\_\_\_\_

10-9-99 5-2-95 10-22-99  
~~Start~~ Date of START Date Reached TD Completion Date of \_\_\_\_\_

OF WORKOVER

WORKOVER

API No. 15 - 189-21905-00-01  
County: Stevens  
SE SE SW Sec. 19 Twp. 33 S. R. 35  East  West  
500 feet from  N (circle one) Line of Section  
2700 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  NW SW  
Lease Name: NIX #3 UNIT Well #: 3

Field Name: Hugoton  
Producing Formation: Chase  
Elevation: Ground: 3005 Kelly Bushing: 3015  
Total Depth: 2979 Plug Back Total Depth: 2924  
Amount of Surface Pipe Set and Cemented at 687 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 REWORK g/g 6/26/03  
(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: **RECEIVED**  
KANSAS CORPORATION COMMISSION

Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No. MAY 28 2003

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: WICHITA, KS

KCC Office Use ONLY

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

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.

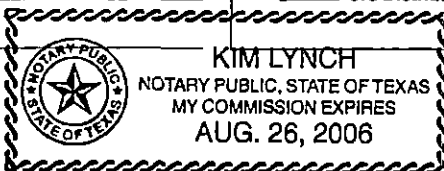
Signature: Beverly Roppolo

Title: Contract Completions Admin Date: 5/21/03

Subscribed and sworn to before me this 21 day of May

Notary Public: Kim Lynch

Date Commission Expires: Aug. 26, 2006



Operator Name: Exxon Mobil Oil Corporation \* Lease Name: NIX #3 UNIT Well #: 3  
 Sec. 19 Twp. 33 S. R. 35  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  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>L. KRIDER</td> <td>2695'</td> <td>2715'</td> </tr> <tr> <td>WINFIELD</td> <td>2754'</td> <td>2764'</td> </tr> <tr> <td>TOWANDA</td> <td>2802'</td> <td>2817'</td> </tr> </tbody> </table>	Name	Top	Datum	L. KRIDER	2695'	2715'	WINFIELD	2754'	2764'	TOWANDA	2802'	2817'
Name	Top	Datum											
L. KRIDER	2695'	2715'											
WINFIELD	2754'	2764'											
TOWANDA	2802'	2817'											

CASING RECORD <input checked="" 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#	687	CLASS C	375	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2969	CLASS C	290; 150	3%D79, 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 type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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
1 spf	2695' - 2764'	FRAC'D WELL W/ 819,000 scf OF	
2 spf	2802' - 2817	80Q N2 foam @ plus/minus 80 BPM	

TUBING RECORD Size <u>2 3/8" - 4.7#</u> Set At <u>@2800'</u> Packer At _____ Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date of First, Resumed Production, SWD or Entr. _____ Producing Method <input type="checkbox"/> Flowing <input checked="" 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 _____

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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## Stimulation Service Report

**Schlumberger**  
Dowell

Customer <b>MOBIL DRILLING V390500757A</b>				Job Number <b>20127782</b>				
Well <b>Nix 3-3</b>		Location (legal) <b>Sec. 19-33S-35W</b>		Dowell Location <b>Ulysses, KS</b>		Job Start <b>10/18/1999</b>		
Field <b>Hugoton</b>		Formation Name/Type <b>Chase</b>		Deviation <b>0 °</b>	BitSize: <b>0 in</b>	Well MD <b>2,924 ft</b>	Well TVD <b>2,924 ft</b>	
County <b>Stevens</b>		State/Province <b>Kansas</b>		BHP <b>0 psi</b>	BHST <b>100 °F</b>	BHCT <b>90 °F</b>	Pore Pres Gradient <b>0 psi/ft</b>	
Rig Name <b>Key Energy</b>	Drilled For <b>Gas</b>	Service Via <b>Land</b>		<b>Casing</b>				
Offshore Zone	Well Class <b>Old</b>	Well Type <b>Workover</b>		Depth, ft <b>2924</b>	Size, in <b>5.5</b>	Weight, lb/ft <b>14</b>	Grade <b></b>	
Primary Treating Fluid	Polymer Loading <b>0 lb/1000gal</b>	Fluid Density <b>lb/gal</b>		Depth, ft <b>0</b>	Size, in <b>0</b>	Weight, lb/ft <b>0</b>	Grade <b></b>	
Service Line <b>Fracturing</b>	Job Type <b>Frac,N2Foam/Energized</b>		Well Head Connection <b>5 1/2 x 3 Swage</b>	<b>Tubing</b>				
Max. Allowed Tubing Pressure <b>3000 psi</b>	Max. Allowed Ann. Pressure <b>0 psi</b>	Well Head Connection <b>5 1/2 x 3 Swage</b>		Depth, ft <b>0</b>	Size, in <b>0</b>	Weight, lb/ft <b>0</b>	Grade <b></b>	
Service instructions Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions. 40 miles on equipment.				<b>Perforated Intervals</b>				
				Top, ft <b>2695</b>	Bottom, ft <b>2715</b>	spf <b>1</b>	No. of Shots <b>20</b>	Total Interval <b>45 ft</b>
				Top, ft <b>2754</b>	Bottom, ft <b>2764</b>	spf <b>1</b>	No. of Shots <b>10</b>	Diameter <b>0.42 in</b>
				Top, ft <b>2802</b>	Bottom, ft <b>2817</b>	spf <b>2</b>	No. of Shots <b>30</b>	Diameter <b>0.42 in</b>
				Treat Down <b>Casing</b>	Displacement <b>0 bbl</b>	Packer Type <b>None</b>	Packer Depth <b>0 ft</b>	
Job Scheduled For:		Arrived on Location: <b>10/18/1999 6:00</b>		Leave Location: <b>10/18/1999 10:30</b>		Tubing Vol. <b>0 bbl</b>	CasingVol. <b>0 bbl</b>	
AnnularVol. <b>0 bbl</b>	OpenHoleVol <b>0 bbl</b>							

Time	Total Flowrate	Total Volume	Treating Psi							Message
24 hr clock	bpm	bbl	psi							
8:45	0	0	0	0	0	0	0	0	0	START ACQUISITION
8:45	0.	0.	-3759	0	0	0	0	0	0	
8:46	0.25	0.034	1419	0	0	0	0	0	0	
8:47	0.	0.046	2830	0	0	0	0	0	0	
8:47	0.	0.046	2830	0	0	0	0	0	0	Pressure Test Lines
8:48	0.	0.046	2756	0	0	0	0	0	0	
8:49	0.	0.046	178.6	0	0	0	0	0	0	
8:50	4.12	0.819	64.1	0	0	0	0	0	0	
8:51	7.87	8.5	375.5	0	0	0	0	0	0	
8:52	7.87	8.5	375.5	0	0	0	0	0	0	Start N2 Flowmeter
8:52	7.87	8.5	375.5	0	0	0	0	0	0	[Total N2 Rate]=F[Total N2 Rate 1]
8:52	7.12	16.18	746.3	0	0	0	0	0	0	
8:53	7.12	23.29	1026	0	0	0	0	0	0	
8:53	7.12	23.29	1026	0	0	0	0	0	0	PAUSE ACQUISITION
8:59	7.12	23.29	1026	0	0	0	0	0	0	RESTART AFTER PAUSE
8:59	0.	25.06	-27.47	0	0	0	0	0	0	
9:00	0.	25.29	109.9	0	0	0	0	0	0	
9:01	8.	29.29	586.1	0	0	0	0	0	0	
9:02	7.37	36.87	989.	0	0	0	0	0	0	
9:03	7.5	44.52	1158	0	0	0	0	0	0	
9:04	9.62	52.34	1328	0	0	0	0	0	0	
9:05	15.5	66.88	1571	0	0	0	0	0	0	
9:06	15.37	82.37	1772	0	0	0	0	0	0	
9:07	15.37	97.88	1758	0	0	0	0	0	0	
9:08	15.37	113.4	1726	0	0	0	0	0	0	
9:09	15.5	128.8	1557	0	0	0	0	0	0	
9:10	15.37	144.4	1566	0	0	0	0	0	0	
9:11	15.37	160.	1763	0	0	0	0	0	0	
9:12	15.37	175.5	1699	0	0	0	0	0	0	

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**MAY 28 2003**  
CONSERVATION DIVISION  
WICHITA, KS

Well			Field			Service Date		Customer		Job Number	
Nix #3-3			Hugoton					AOBIL DRILLING V39050075		20127782	
Time	Total Flowrate	Total Volume	Treating Psi							Message	
24 hr clock	bpm	bbl	psi								
9:13	15.5	191.	1529	0	0	0	0	0	0		
9:14	15.5	206.6	1699	0	0	0	0	0	0		
9:15	15.5	222.1	1529	0	0	0	0	0	0		
9:16	15.5	237.7	1607	0	0	0	0	0	0		
9:17	15.5	253.2	1571	0	0	0	0	0	0		
9:18	15.37	268.7	1502	0	0	0	0	0	0	RECEIVED KANSAS CORPORATION COMMISSION MAY 28 2003	
9:19	15.37	284.3	1662	0	0	0	0	0	0		
9:20	15.5	299.9	1493	0	0	0	0	0	0		
9:21	15.37	315.4	1717	0	0	0	0	0	0	CONSERVATION DIVISION WICHITA, KS	
9:22	15.37	330.9	1557	0	0	0	0	0	0		
9:23	15.25	346.3	1525	0	0	0	0	0	0		
9:24	15.37	361.8	1575	0	0	0	0	0	0		
9:25	15.25	377.2	1534	0	0	0	0	0	0		
9:26	15.37	392.6	1699	0	0	0	0	0	0		
9:27	15.37	408.	1548	0	0	0	0	0	0		
9:28	15.37	423.4	1635	0	0	0	0	0	0		
9:29	15.37	438.8	1557	0	0	0	0	0	0		
9:30	15.25	454.2	1538	0	0	0	0	0	0		
9:31	15.37	469.6	1571	0	0	0	0	0	0		
9:32	15.25	485.1	1708	0	0	0	0	0	0		
9:33	0.	498.8	1186	0	0	0	0	0	0		
9:34	0.	498.8	1007	0	0	0	0	0	0		
9:35	0.	498.8	979.9	0	0	0	0	0	0		
9:36	0.	498.8	961.5	0	0	0	0	0	0		
9:37	0.	498.8	943.2	0	0	0	0	0	0		
9:38	0.	498.8	924.9	0	0	0	0	0	0		
9:39	0.	498.8	920.3	0	0	0	0	0	0		
9:40	0.	498.8	906.6	0	0	0	0	0	0		
9:41	0.	498.8	897.4	0	0	0	0	0	0		
9:42	0.	498.8	883.7	0	0	0	0	0	0		
9:43	0.	498.8	874.5	0	0	0	0	0	0		
9:44	0.	498.8	865.4	0	0	0	0	0	0		
9:45	0.	498.8	851.6	0	0	0	0	0	0		
9:46	0.	498.8	842.5	0	0	0	0	0	0		
9:47	0.	498.8	833.3	0	0	0	0	0	0		
9:48	0.	498.8	828.8	0	0	0	0	0	0		
9:49	0.	498.8	815.	0	0	0	0	0	0		
9:50	0.	498.8	810.4	0	0	0	0	0	0		
9:51	0.	498.8	801.3	0	0	0	0	0	0		
9:52	0.	498.8	787.5	0	0	0	0	0	0		
9:53	0.	498.8	-27.47	0	0	0	0	0	0		

# ORIGINAL

Well Nix #3-3			Field Hugoton			Service Date		Customer MOBIL DRILLING V39050075		Job Number 20127782		
Time 24 hr clock	Total Flowrate bpm	Total Volume bbl	Treating Psi psi							Message		
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			510	0	0	0	0		
Treating Pressure Summary, psi						Quantity of & placed, lb						
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected			Total Ordered/Designed			
0	1830	1750	1750	1130	837	0			0			
N2 Percent		CO2 Percent		Designed Fluid Volume		Displacement		Slurry Volume		Pad Volume		Percent Pad
80 %		0 %		0 gal		0 bbl		510 bbl		0 gal		0 %
Customer or Authorized Representative				Dowell Supervisor			Number of Stages		Fracture Gradient		<input checked="" type="checkbox"/> Job Completed <input type="checkbox"/> Screen Out	
Rick Euliss				Dave Brawley			0		0 psi/ft			

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**MAY 28 2003**

CONSERVATION DIVISION  
WICHITA, KS