

REVISED: Frac Tickets attached.

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: ExxonMobil Production Company *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: Duke Energy Trading & Marketing
Operator Contact Person: Evelyn Boutte
Phone: (713) 431-1446
Contractor: Name: Dowell
License: N.A.
Wellsite Geologist: N.A.

Designate Type of Completion:
 New Well Re-Entry Workover (Refrac)
 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: Carlile #1, Well #3
Original Comp. Date: 9/26/96 Original Total Depth: 3,015
 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. _____

<u>04/13/01</u>	<u>04/19/01</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 189-22088 - 0002
County: Stevens
SW NE SE Sec. 36 Twp. 34 S. R. 36 East West
1,355 feet from (S) N (circle one) Line of Section
1,250 feet from (E) W (circle one) Line of Section

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

Producing Formation: Chase
Elevation: Ground: 3,021 Kelly Bushing: 3,031
Total Depth: 3,015 Plug Back Total Depth: 2,890
Amount of Surface Pipe Set and Cemented at 730 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: REWORK 7/24/01
(Data must be collected from the Reserve Pit)

Chloride content N.A. ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: RECEIVED
(KANSAS CORPORATION COMMISSION)

Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____
WICHITA, KS

JUL 10 2001

CONSERVATION DIVISION
WICHITA, KS

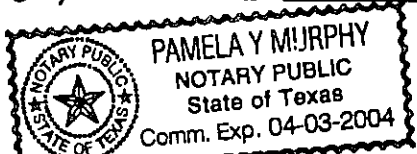
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Evelyn Boutte
Title: Staff Adm. Asst. Date: 7/9/01
Subscribed and sworn to before me this 9th day of July, 2001
Notary Public: Pamela Y. Murphy
Date Commission Expires: 04-03-2004

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KCC

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation



X

Operator Name: ExxonMobil Production Company * Lease Name: Carlile #1 Well #: 2
 Sec. 36 Twp. 34 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 <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;"> <tr> <td style="width:30%;">Name</td> <td style="width:30%;">Top</td> <td style="width:40%;">Datum</td> </tr> <tr> <td>Glorietta</td> <td>1,187</td> <td>1,360</td> </tr> <tr> <td>Stone Corral</td> <td>1,698</td> <td>1,750</td> </tr> <tr> <td>Chase</td> <td>2,668</td> <td>--</td> </tr> </table>	Name	Top	Datum	Glorietta	1,187	1,360	Stone Corral	1,698	1,750	Chase	2,668	--
Name	Top	Datum											
Glorietta	1,187	1,360											
Stone Corral	1,698	1,750											
Chase	2,668	--											

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 Casing	12.250	8.625	24#	730	Class "C"	475	50:50 C/POZ
Production Casing	7.875	5.500	14#	3,004	Class "C"	180	3% D79
						75	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	2,840	Class "C"	2 SXS	

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	2,752 - 2,867	Frac well w/ 80Q N2 foam @ (plus/minus)	
		80 BPM.	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. (See G-2)		Producing Method <input checked="" 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

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit 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	Production Interval <u>2,752 - 2,867</u>
	<input type="checkbox"/> Other (Specify) _____	



Stimulation Service Report

ORIGINAL

Customer MOBIL DRILLING V390500757A	Job Number 20140854
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Well Carlie 1		Location (legal) Sec. 36-34S-36W		Dowell Location Ulysses, KS		Job Start 1/17/00	
Field Hugoton		Formation Name/Type Chase		Deviation 0°	Bit Size: 0 in	Well MD 2,812 ft	Well TVD 2,812 ft
County Stevens		State/Province Kansas		BHP 0 psi	BHST 95 °F	BHCT 85 °F	Pore Pres Gradient 0 psi/ft
Rig Name KEY ENERGY 12	Drilled For Gas	Service Via Land		Casing			
Offshore Zone	Well Class Old	Well Type Workover		Depth, ft 2650	Size, in 7	Weight, lb/ft 20	Grade
Primary Treating Fluid 80Q Foam	Polymer Loading 20 lb/1000gal	Fluid Density lb/gal		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade
Service Line Fracturing	Job Type Frac, N2 Foam/Energized		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade 	Thread
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.	Top, ft 2650	Bottom, ft 2812	spf 0	No. of Shots 0	Total Interval 162 ft		
	0	0	0	0	Diameter 0 in		
	0	0	0	0			
	Treat Down Casing	Displacement 107.3 bbl	Packer Type None	Packer Depth 0 ft			
Job Scheduled For: 1/17/00 6:00	Arrived on Location: 1/17/00 6:00	Leave Location: 1/17/00 10:00		Tubing Vol 0 bbl	Casing Vol 107.3 bbl	Annular Vol 0 bbl	Open Hole Vol 0 bbl

Time	Back up Psi	BH Foam Q	BH Inj Rate	Liquid Add 1	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message
24 hr Clock	psi	%	bpm	gal/min	bpm	scf/min	bbl	psi	
8:15	-3723	0.	0.	-6.25	0.	0.	0.	-3745	
8:15	0	0	0	0	0	0	0	0	
8:15	-4.58	0.	0.	0.008	0.	0.	0.	-4.58	
8:16	0.	0.	0.	0.008	0.	0.	0.	0.	
8:17	206.	0.	0.	0.008	0.	0.	0.	206.	
8:17	2651	0.	0.	0.008	0.	0.	0.	2651	
8:18	0	0	0	0	0	0	0	0	
8:18	3004	0.	0.	0.008	0.	0.	0.	2976	
8:19	2963	0.	0.	0.008	0.	0.	0.	2921	
8:19	2965	0.	0.	0.008	0.	0.	0.	2953	
8:20	686.8	0.	0.	0.008	0.	0.	0.	686.8	
8:21	0	0	0	0	0	0	0	0	
8:21	0	0	0	0	0	0	0	0	
8:21	0	0	0	0	0	0	0	0	
8:21	45.79	0.	0.	0.008	0.	0.	0.	50.37	
8:21	87.	100.	21.46	2.06	0.	9100	0.	105.3	
8:22	315.9	81.45	37.92	2.05	7.03	13094	0.707	293.	RECEIVED
8:23	329.7	100.	32.42	2.14	0.	13748	1.42	334.2	KANSAS CORPORATION COMMISSION
8:23	265.6	0.	0.	0.008	0.	0.	1.48	265.6	
8:24	247.3	0.	0.	0.008	0.	0.	1.48	247.3	
8:25	228.9	0.	0.	0.008	0.	0.	1.48	228.9	JUL 10 2001
8:25	215.2	0.	0.	0.008	0.	0.	1.49	215.2	
8:26	206.	0.	0.	0.008	0.	0.	1.49	206.	CONSERVATION DIVISION
8:27	192.3	0.	0.	0.008	0.	0.	1.49	187.7	WICHITA, KS
8:27	178.6	0.	0.	0.008	0.	0.	1.49	178.6	
8:28	174.	0.	0.	0.008	0.	0.	1.6	169.4	
8:29	164.8	0.	0.	0.008	0.	0.	1.6	164.8	
8:29	160.3	0.	0.	0.008	0.	0.	1.79	160.3	
8:30	141.9	0.	0.	0.008	0.	0.	1.79	137.4	

Well		Field				Service Date		Customer		Job Number
Carfile #1		Hugoton						MOBIL DRILLING V39050075		20140854
Time	Back up Psl	BH Foam Q	BH Inj Rate	Liquid Add 1	Total Flowrate	Total M2 Rate	Total Volume	Treating Psl	Message	
24 hr clock	psi	%	bpm	gal/min	bpm	ft ³ /min	bbt	psi		
8:31	123.6	0.	0.912	0.008	0.912	0.	2.74	123.6	ORIGINAL	
8:31	256.4	79.39	34.13	2.59	7.03	11488	4.47	242.7		
8:32	366.3	80.04	40.45	1.8	8.08	13728	9.85	361.7		
8:33	503.7	80.62	40.33	1.81	7.82	13786	15.19	499.1		
8:33	773.8	79.7	72.52	3.4	14.72	24508	22.02	764.7		
8:34	1012	79.62	79.25	3.31	16.15	26752	32.59	993.6		
8:35	1149	80.03	80.88	3.4	16.15	27446	43.43	1145		
8:35	1227	80.18	80.86	3.33	16.02	27490	54.25	1218		
8:36	1218	80.04	80.91	3.36	16.15	27458	65.06	1218		
8:37	1245	79.98	80.69	3.21	16.15	27362	75.89	1236		
8:37	1296	80.07	81.03	3.25	16.15	27510	86.72	1287		
8:38	1310	80.07	81.05	3.35	16.15	27518	97.55	1310		
8:39	1323	80.03	80.87	3.29	16.15	27440	108.4	1323		
8:39	1287	80.02	80.83	3.14	16.15	27424	119.2	1282		
8:40	1291	80.06	80.99	3.16	16.15	27492	130.1	1282		
8:41	1282	79.79	80.58	3.24	16.28	27262	140.9	1282		
8:41	1323	79.94	80.52	3.21	16.15	27294	151.8	1332		
8:42	1300	79.94	80.52	3.1	16.15	27290	162.7	1300		
8:43	1332	79.96	80.58	3.17	16.15	27318	173.6	1342		
8:43	1337	79.83	80.72	3.08	16.28	27320	184.5	1346		
8:44	1291	79.91	80.39	3.37	16.15	27236	195.4	1296		
8:45	1291	79.84	80.77	3.34	16.28	27344	206.3	1300		
8:45	1332	79.85	80.81	3.31	16.28	27358	217.2	1346		
8:46	1337	79.87	80.87	3.34	16.28	27384	228.1	1360		
8:47	1328	79.89	80.95	3.31	16.28	27418	239.	1360		
8:47	1282	79.91	81.07	3.33	16.28	27468	249.9	1314		
8:48	1287	79.9	81.	3.33	16.28	27442	260.8	1319		
8:49	1328	79.91	81.03	3.31	16.28	27452	271.8	1355		
8:49	1273	79.91	81.03	3.33	16.28	27454	282.7	1296		
8:50	1332	79.92	81.09	3.33	16.28	27480	293.6	1355		
8:51	1277	79.93	81.14	3.35	16.28	27498	304.6	1296		
8:52	1337	79.85	80.79	3.35	16.28	27352	315.5	1360		
8:52	1342	79.81	80.64	3.5	16.28	27286	326.4	1360		
8:53	1337	79.82	80.7	3.62	16.28	27312	337.4	1355		
8:54	1342	79.69	80.81	3.59	16.41	27304	348.3	1360		
8:54	1342	79.72	80.92	3.61	16.41	27350	359.3	1360		
8:55	1282	79.85	80.81	3.59	16.28	27360	370.2	1305		
8:56	1337	79.79	80.58	3.59	16.28	27264	381.2	1369		
8:56	1328	79.69	80.82	3.6	16.41	27310	392.2	1355		
8:57	1282	79.68	80.79	3.59	16.41	27296	403.1	1305		
8:58	1342	79.63	80.58	3.61	16.41	27208	414.1	1369		
8:58	1305	79.65	80.65	3.61	16.41	27236	425.1	1337		
8:59	1296	79.65	80.66	3.63	16.41	27242	436.	1310		
9:00	1332	79.83	80.74	3.62	16.28	27332	447.	1355		
9:00	1296	79.67	80.75	3.63	16.41	27278	458.	1328		
9:01	1328	79.79	80.57	3.62	16.28	27260	469.1	1360		
9:02	1323	79.68	80.76	3.63	16.41	27284	480.3	1346		
9:02	1291	79.67	80.72	3.64	16.41	27266	491.3	1319		
9:03	1337	79.67	80.72	3.62	16.41	27268	502.3	1360		
9:04	1319	79.65	80.67	3.65	16.41	27244	513.3	1351		
9:04	1314	79.74	81.	3.64	16.41	27386	524.3	1346		
9:05	1282	79.74	81.01	3.56	16.41	27390	535.3	1305		
9:06	1296	79.64	81.25	3.59	16.54	27434	546.3	1332		
9:06	0	0	0	0	0	0	0	0		

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 10 2001

CONSERVATION DIVISION
WICHITA, KS

Well		Field				Service Date		Customer		Job Number	
Carlie #1		Hugoton						MOBIL DRILLING V3905007E		20140854	
Time	Back up Psi	BH Foam Q	BHinj Rate	Liquid Add 1	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message		
24 hr clock	psi	%	bpm	gal/min	bpm	ft3/min	bbl	psi	ORIGINAL		
9:06	1218	100.	64.7	-6.09	0.	27434	550.8	1232			
9:07	1218	100.	64.5	-6.23	0.	27346	550.8	1223			
9:08	0	0	0	0	0	0	0	0			
9:08	1108	100.	0.019	-6.23	0.	8.	550.8	1108			
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	1100000
Treating Pressure Summary, psi						Quantity of & placed, lb					
Breakdown	Maximum	Final	Average	ISIP	16 Min. ISIP	Total Injected	Total Ordered/Designed				
0	1350	1200	1300	1126	0	0	0				
N2 Percent	CO2 Percent	Designed Fluid Volume		Displacement		Slurry Volume		Pad Volume		Percent Pad	
80 %	0 %	100000 gal		0 bbl		0 bbl		0 gal		0 %	
Customer or Authorized Representative			Dowell Supervisor			Number of Stages		Fracture Gradient		Job Completed	
John Rice			Jeffrey Dutton			0		0 psi/ft		<input checked="" type="checkbox"/> Job Completed <input type="checkbox"/> Screen Out	

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CONSERVATION DIVISION
WICHITA, KS