

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: REFRAC
 New Well Re-Entry Workover
 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: JONES #1-H UNIT, WELL #2
 Original Comp. Date: 11-20-87 Original Total Depth: 6350'
 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>5-12-00</u>	<u>11-19-87</u>	<u>5-18-00</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

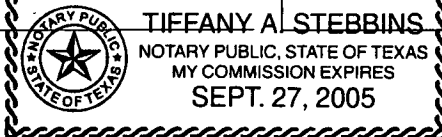
API No. 15 - 189-21120-0002
 County: Stevens
 _____ C _____ NE Sec. 24 Twp. 32 S. R. 36 East West
1320' FNL feet from S (N) (circle one) Line of Section
1320' FEL feet from (E) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: JONES #1-H UNIT Well #: 2
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 3039 Kelly Bushing: 3055
 Total Depth: 6350 Plug Back Total Depth: 3224
 Amount of Surface Pipe Set and Cemented at 1800 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 1-22-08
 (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: RECEIVED
KANSAS CORPORATION COMMISSION
JUN 17 2003
 Operator Name: _____
 Lease Name: _____ License CONSERVATION DIVISION
 Quarter _____ Sec. _____ Twp. _____ S. R. WICHITA, KS 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: 6/16/03
 Subscribed and sworn to before me this 16 day of June,
2003
 Notary Public: Tiffany A. Stebbins
 Date Commission Expires: 9-27-05



KCC Office Use ONLY

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

Operator Name: Exxon Mobil Oil Corporation * Lease Name: JONES #1-H UNIT Well #: 2
 Sec. 24 Twp. 32 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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>L. KRIDER</td> <td>2676</td> <td>2706</td> </tr> <tr> <td>WINFIELD</td> <td>2738</td> <td>2748</td> </tr> <tr> <td>TOWANDA</td> <td>2790</td> <td>2820</td> </tr> </table>	Name	Top	Datum	L. KRIDER	2676	2706	WINFIELD	2738	2748	TOWANDA	2790	2820
Name	Top	Datum											
L. KRIDER	2676	2706											
WINFIELD	2738	2748											
TOWANDA	2790	2820											

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#	1800'	CLASS C	760SX	
PRODUCTION	7.875	5.500	14#	3240'	CLASS H	500SX	

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	2686' - 2706'	FRAC'D WELL WITH 1,000,000 scf OF	
1 SPF	2738' - 2748'	80Q N2 FOAM @ 80BPM	
1 SPF	2790' - 2800'		
1 SPF	2810' - 2820'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 10-18-95	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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) _____
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Customer MOBIL DRILLING						Job Number 20158333				
Well JONES H1			Location (legal) 24, 32, 36			Dowell Location Ulysses, KS			Job Start 5/15/00	
Field HUGOTON		Formation Name/Type Upper Chase		Deviation 0 °	BitSize: 0 in	Well MD 3,274 ft		Well TVD 3,274 ft		
County Stevens		State/Province KS		BHP 0 psi	BHST 0 °F	BHCT 0 °F	Pore Pres Gradient 0 psi/ft			
Rig Name	Drilled For Gas		Service Via Land		Casing					
	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
Offshore Zone	Well Class Old		Well Type Development		3240	5.5	0	0	0	
Primary Treating Fluid 80% Foam		Polymer Loading 30 lb/1000gal		Field Density lb/gal		Tubing				
	Depth,	Size, in	Weight, lb/ft	Grade	Thread					
Service Line Fracturing	Job Type Frac,N2Foam/Energized		0	0	0	0	0	0	0	
Max. Allowed Tubing Pressure 2500 psi	Max. Allowed Ann. Pressure 0 psi		WellHead Connection 5 1/2 x 4 SWADGE		Perforated Intervals					
	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval					
Service Instructions SAFELY DELIVER AND PERFORM FOAM FRAC WITH MATERIALS & EQUIPMENT LISTED ON SERVICE RECEIPT. PER CLIENTS INSTRUCTIONS.	2676	2706			96 ft					
	2738	2768	0	0	Diameter					
	2790	2826	0	0	0 in					
	Treat Down	Displacement	Packer Type	Packer Depth						
	Casing	0 bbl		0 ft						
Job Scheduled For: 5/16/00 6:00		Arrived on Location: 5/15/00 6:00		Leave Location: 5/15/00 10:00		Tubing Vol. 0 bbl	CasingVol. 0 bbl	AnnularVol. 0 bbl	OpenHoleVol. 0 bbl	
Time	Beck up Psi	BH Foam Q	BHInj Rate	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message		
24 hr clock	psi	%	bpm	bpm	gal/min	bbl	psi			
8:03	-3585	0.	0.	0.	0.	0.	-3425	0		
8:03	0	0	0	0	0	0	0	0	START ACQUISITION	
8:04	2189	0.	0.047	0.047	0.	0.152	0.	0	Pressure Test Lines	
8:04	2189	0.	0.047	0.047	0.	0.152	0.	0	RECEIVED	
8:04	3251	0.	0.	0.	0.	0.169	0.	0	KANSAS CORPORATION COMMISSION	
8:05	3045	0.	0.	0.	0.	0.169	3059	0	JUN 17 2003	
8:06	3013	0.	0.	0.	0.	0.169	3017	0	CONSERVATION DIVISION WICHITA, KS	
8:06	2995	0.	0.	0.	0.	0.169	2990	0		
8:07	2981	0.	0.	0.	0.	0.169	2976	0		
8:07	2976	0.	0.	0.	0.	0.169	2967	0		
8:08	2949	0.	0.	0.	0.	0.169	2944	0		
8:08	2930	0.	0.	0.	0.	0.169	2917	0		
8:09	2930	0.	0.	0.	0.	0.169	2917	0	PAUSE ACQUISITION	
8:15	2930	0.	0.	0.	0.	0.169	2917	0	RESTART AFTER PAUSE	
8:15	2738	0.	0.	0.	0.	0.169	2724	0		
8:16	251.8	0.	0.	0.	0.	0.169	219.8	0		
8:17	41.21	0.	0.	0.	0.	0.169	9.16	0		
8:17	41.21	0.	0.	0.	0.	0.169	9.16	0	[Total N2 Rate]=F[Total N2 Rate 1]	
8:17	41.21	0.	0.	0.	0.	0.169	9.16	0	Start Using Tach_s	
8:17	18.32	0.	7.77	7.77	0.	2.13	13.74	0		
8:18	228.9	0.	7.86	7.86	0.	6.79	192.3	0		
8:18	228.9	0.	7.86	7.86	0.	6.79	192.3	0	Start Using N2 Flowmeter	
8:18	228.9	0.	7.86	7.86	0.	6.79	192.3	0	[Total N2 Rate]=F[Total N2 Rate 2]	
8:18	503.7	80.74	41.31	7.96	14140	11.37	453.3	0		
8:19	531.1	0.	5.76	5.76	0.	15.99	489.9	0		
8:19	430.4	0.	0.	0.	0.	16.07	402.9	0		
8:20	407.5	0.	0.	0.	0.	16.07	380.	0		
8:21	398.4	0.	6.51	6.51	0.	16.64	361.7	0		
8:21	448.7	75.75	42.47	10.3	13640	21.32	412.1	0		

Well		Field				Service Date		Customer		Job Number
JONES #H1		HUGOTON						MOBIL DRILLING		20158333
Time	Back up Psi	BH Foam Q	BH Inj Rate	Total Flowrate	Total M2 Rate	Total Volume	Treating Psi	Message		
24 hr clock	psi	%	bpm	bpm	BB/min	bbf	psi	ORIGINAL		
8:22	700.5	79.53	40.69	8.33	13720	25.99	659.3	0		
8:22	929.5	80.45	40.22	7.86	13720	30.64	883.7	0		
8:23	1158	79.45	73.8	15.16	24860	37.81	1085	0		
8:24	1300	78.87	75.96	16.05	25400	47.12	1250	0		
8:24	1365	78.61	74.83	16.01	24940	56.52	1314	0		
8:25	1410	78.27	75.15	16.33	24940	65.94	1360	0		
8:25	1369	78.61	74.83	16.01	24940	75.44	1323	0		
8:26	1502	79.06	76.43	16.01	25620	84.84	1451	0		
8:27	1571	79.75	79.02	16.01	26720	94.3	1525	0		
8:27	1621	79.79	79.21	16.01	26800	103.7	1580	0		
8:28	1648	79.85	79.21	15.96	26820	113.1	1616	0		
8:28	1690	79.79	79.21	16.01	26800	122.6	1644	0		
8:29	1703	79.78	79.17	16.01	26780	132	1667	0		
8:29	1703	80.17	80.96	16.05	27520	141.4	1658	0		
8:30	1630	79.59	79.78	16.29	26920	151	1593	0		
8:31	1603	80	80.49	16.1	27300	160.5	1552	0		
8:31	1580	79.87	79.5	16.01	26920	170.1	1534	0		
8:32	1566	79.72	79.4	16.1	26840	179.6	1520	0		
8:32	1566	80.15	81.1	16.1	27560	189.1	1516	0		
8:33	1516	77.38	70.77	16.01	23220	198.6	1465	0		
8:34	1461	76.06	67.04	16.05	21620	208.1	1410	0		
8:34	1410	69.73	53.03	16.05	15680	217.5	1360	0		
8:35	1108	0	0	0	0	222.3	1067	0		
8:35	1108	0	0	0	0	222.3	1067	0	PAUSE ACQUISITION	
8:46	1108	0	0	0	0	222.3	1067	0	RESTART AFTER PAUSE	
8:46	828.8	0	0	0	0	222.3	783	0		
8:46	860.8	0	10.48	10.48	0	223.5	815	0		
8:47	1223	79.78	78.93	15.96	26700	232.3	1163	0		
8:47	1456	80.32	81.1	15.96	27620	241.7	1397	0		
8:48	1575	80.13	80.53	16.01	27360	251.1	1525	0		
8:49	1603	80.06	80.49	16.05	27320	260.5	1552	0		
8:49	1616	80.07	80.53	16.05	27340	269.9	1566	0		
8:50	1630	79.6	81.43	16.61	27480	279.5	1575	0		
8:50	1630	80.01	80.77	16.15	27400	289	1580	0		
8:51	1635	79.85	80.58	16.24	27280	298.7	1580	0		
8:51	1630	79.97	80.39	16.1	27260	308.2	1580	0		
8:52	1621	79.99	80.44	16.1	27280	317.7	1575	0		
8:53	1625	80.01	80.3	16.05	27240	327.2	1571	0		
8:53	1625	80.33	81.85	16.1	27880	336.8	1566	0		
8:54	1616	79.89	80.06	16.1	27120	346.3	1561	0		
8:54	1612	80.04	80.44	16.05	27300	355.9	1557	0		
8:55	1603	80.92	83.88	16.01	28780	365.4	1552	0		
8:56	1603	79.96	79.87	16.01	27080	375	1548	0		
8:56	1593	79.29	80.43	16.66	27040	384.5	1534	0		
8:57	1584	79.84	79.87	16.1	27040	394	1529	0		
8:57	1584	79.04	80.62	16.89	27020	403.6	1529	0		
8:58	1593	79.76	79.54	16.1	26900	413.1	1534	0		
8:59	1575	79.16	80.39	16.75	26980	422.6	1534	0		
8:59	1584	79.83	79.35	16.01	26860	432.1	1534	0		
9:00	1593	79.28	79.73	16.52	26800	441.7	1529	0		
9:00	1589	79.71	79.35	16.1	26820	451.2	1529	0		
9:01	1580	79.72	79.4	16.1	26840	460.6	1529	0		
9:01	1575	79.39	79.49	16.38	26760	470.1	1525	0		
9:02	1584	79.38	79.68	16.43	26820	479.7	1525	0		

*Throttle 50%
H2 pump
broke*

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 17 2003
CONSERVATION DIVISION
WICHITA, KS

Well		Field				Service Date		Customer		Job Number		
JONES #H1		HUGOTON						MOBIL DRILLING		20158333		
Time	Back up Psi	BH Foam Q	BH Inj Rate	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi		Message			
24 hr clock	psi	%	bpm	bpm	BB/min	bbf	psi		ORIGINAL			
9:03	1584	79.75	79.26	16.05	26800	489.3	1525	0				
9:03	1580	79.63	79.26	16.15	26760	498.8	1525	0				
9:04	1580	79.68	79.21	16.1	26760	508.2	1520	0				
9:04	1580	79.92	80.16	16.1	27160	517.8	1520	0				
9:05	1584	79.65	78.88	16.05	26640	527.3	1520	0				
9:06	1580	79.39	79.26	16.33	26680	536.8	1520	0				
9:06	1584	79.64	78.84	16.05	26620	546.3	1520	0				
9:07	1584	79.64	78.84	16.05	26620	546.3	1520	0				Start Flush
9:07	1470	100.	62.97	0.	26700	550.1	1424	0				
9:07	1488	100.	62.59	0.	26540	550.1	1447	0				
9:08	1323	0.	0.	0.	0.	550.1	1273	0				
Post Job Summary												
Average Injection Rates, bpm						Volume of Fluid Injected, bbl						
Fluid	N2	CO2	Maximum Rate			Clean Fluid	Acid	Oil	CO2	N2 (scf)		
11	20000	0	16			550	0	0	0	100000		
Treating Pressure Summary, psi						Quantity of & placed, lb						
Breakdown	Maximum	Final	Average	ISIP	16 Min. ISIP	Total Injected		Total Ordered/Designed				
0	1600	1442	1500	1273	0	0		0				
N2 Percent		CO2 Percent		Designed Fluid Volume		Displacement		Slurry Volume		Pad Volume		Percent Pad
80 %		0 %		21000 gal		64 bbl		550 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	
JOHN RICE				Jeffrey Dutton			0		0 psi/ft			

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