

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: Spot Market

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: Norseman Drilling Inc.

License: 3779

Wellsite Geologist: L. J. Reimer

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

7-19-97 7-22-97 8-5-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-221720000

County Stevens

NE - SW - SW Sec. 31 Twp. 33 Rge. 35 X W E

1250 Feet from S (circle one) Line of Section

1262 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Fuller #1 Unit Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3030 KB 3039

Total Depth 3031 PBDT 2968

Amount of Surface Pipe Set and Cemented at 740 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan Att. 1, 4-13-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 24,000 ppm Fluid volume 200 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: 5

Operator Name Mobil Oil Corporation

Lease Name \_\_\_\_\_ License No: 5208

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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 on 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 Sharon A. Cook Sharon A. Cook

Title Regulatory Assistant Date 11-7-97

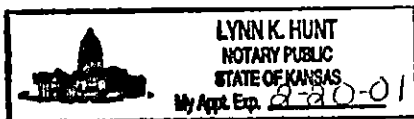
Subscribed and sworn to before me this 7th day of November, 19 97.

Notary Public Lynn K. Hunt

Date Commission Expires February 20, 2001

7-80.kcc

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



Operator Name Mobil Oil Corporation Lease Name Fuller #1 Unit Well # 2

Sec. 31 Twp. 33 Rge. 35  East  West  
 County Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glorietta	1229	1373
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stone Corral	1705	1748
		Chase	2664	3011
		Council Grove	3011	--

List All E.Logs Run:  
 Array Induction Gamma Ray-SP  
 Compensated Neutron Litho-Density-GR  
 Natural Gamma Ray Spectroscopy

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#	740	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	3021	Class C Class C	220 100	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				

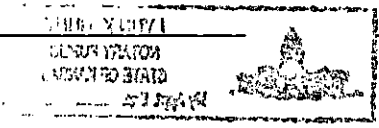
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2SPF	2740-60	Acid: 1,000 gals 7.5% HCL	
	2790-2800	Fract: 13,000 gals WF130 in 70q foam	
		79,060 lbs 16/30 sand	

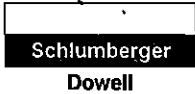
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 9-15-97	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 41 Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2740

Production Interval  Other (Specify) 2800





# ORIGINAL Cementing Service Report

15-189-22172

<b>Customer</b> MOBIL OIL CORP V390500757A				<b>Job Number</b> 20008878								
<b>Well</b> Fuller 1-2		<b>Location (legal)</b> sec 31-33S-35W		<b>Dowell Location</b> Ulysses, KS		<b>Service Date</b> 7/19/97						
<b>Field</b> Hugoton		<b>Formation Name/Type</b> Surface		<b>Doviation</b> 0 °	<b>Bit Size</b> 12.3 in	<b>Well MD</b> 745 ft	<b>Well TVD</b> 745 ft					
<b>County</b> Stevens		<b>State/Province</b> Ks		<b>BHP</b> 0 psi	<b>BHST</b> 80 °F	<b>BHCT</b> 0 °F	<b>Porosity Gradient</b> 0 psi/ft					
<b>Rig Name</b> Norsman #22		<b>Drilled For</b> Gas	<b>Service Via</b> Land		<b>Casing/Liner</b>							
<b>Water Depth</b>		<b>Well Class</b> 101	<b>Well Type</b> Development		<b>Depth, ft</b> 739	<b>Size, in</b> 8.63	<b>Weight, lb/ft</b> 24	<b>Grade</b>	<b>Thread</b> 8rd			
<b>Drilling Fluid Type</b> Bentonite		<b>Max. Density</b> 9.2 lb/gal	<b>Plastic Viscosity</b> 33 cp		<b>Tubing/Drill Pipe</b>			<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>	<b>Grade</b>	<b>Thread</b>
<b>Service LIno</b> Cementing		<b>Job Type</b> Cem Surface Casing		<b>Depth, ft</b> 0	<b>Size, in</b>	<b>Weight, lb/ft</b>	<b>Grade</b>	<b>Thread</b>				
<b>Max. Allowed Tubing Pressure</b> 2000 psi	<b>Max. Allowed Ann. Pressure</b> 0 psi	<b>Wellhead Connection</b> Single cement head		<b>Perforations/Open Hole</b>			<b>Top, ft</b>	<b>Bottom, ft</b>	<b>spf</b>	<b>No. of Shots</b>	<b>Total Interval</b>	
<b>Service Instructions</b> Safety cement surface casing as directed by customer.  I.D. RDWorley Loc.# 63025				0	0	0	0	0	0	0 ft		
				0	0	0	0	0	0	Diameter		
				0	0	0	0	0	0	0 in		
				<b>Treat Down</b> Casing	<b>Displacement</b> 44.3 bbl	<b>Packer Type</b>	<b>Packer Depth</b> 0 ft					
<b>Tubing Vol.</b> 0 bbl	<b>Casing Vol.</b> 47 bbl	<b>Annular Vol.</b> 0 bbl	<b>Open Hole Vol</b> 0 bbl									
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/> <b>1 Hole Volume Circulated prior to Cementing</b> <input checked="" type="checkbox"/>				<b>Casing Tools</b>			<b>Squeeze Job</b>					
<b>Lift Pressure:</b> 304 psi				<b>Shoe Type:</b> Guide		<b>Squeeze Type</b>						
<b>Pipe Rotated</b> <input type="checkbox"/> <b>Pipe Reciprocated</b> <input type="checkbox"/>				<b>Shoe Depth:</b> 740 ft		<b>Tool Type:</b>						
<b>No. Centralizers:</b> 0		<b>Top Plugs:</b> 1	<b>Bottom Plugs:</b> 0		<b>Stage Tool Type</b>		<b>Tool Depth:</b> 0 ft					
<b>Cement Head Type:</b> Single				<b>Stage Tool Depth:</b> 0 ft		<b>Tail Pipe Size:</b> 0 in						
<b>Job Scheduled For:</b> 7/19/97 20:00		<b>Arrived on Location:</b> 7/19/97 20:15		<b>Leave Location:</b> 7/19/97 23:30		<b>Collar Type:</b> Other		<b>Tail Pipe Depth:</b> 0 ft				
				<b>Collar Depth:</b> 697 ft		<b>Sqz Total Vol:</b> 0 bbl						
<b>Time</b>	<b>CumVol</b>	<b>Density</b>	<b>Elapsed Time</b>	<b>Pressure U1</b>	<b>Pump</b>	<b>Rezero</b>	<b>Message</b>					
24 hr clock	bbl	ppg	min	psi	bpm	bbl						
21:40	0	0	0	0	0	0	START ACQUISITION					
21:40	0	8.089	1667E-5	-4.568	0	0						
21:41	0	0	0	0	0	0	Pressure Test Lines					
21:41	0	8.113	.5196	-2.024	0	0						
21:41	1094E-6	8.117	1.023	-1846	6524E-5	1094E-6						
21:42	.2692	8.118	1.525	1748	1317E-5	.2692						
21:42	.2699	8.102	2.028	1677	4733E-9	.2699						
21:43	.2699	8.1	2.531	-1.932	1695E-12	.2699						
21:43	0	0	0	0	0	0	[CumVol]=.2699 bbl					
21:43	0	0	0	0	0	0	Reset Volume					
21:43	0	0	0	0	0	0	Start Pumping Water					
21:43	1329E-15	8.096	3.036	-3.047	6067E-16	.2699						
21:44	1363E-15	8.089	3.539	-3.899	2172E-19	.2699						
21:45	.3685	7.956	4.042	72.24	4.263	.6383						
21:45	3.111	8.104	4.545	91.43	5.589	3.381						
21:46	5.934	8.104	5.049	92.91	5.588	6.204						
21:46	8.746	8.095	5.552	97.54	5.592	9.016						
21:47	11.56	8.103	6.055	104	5.592	11.83						
21:47	14.37	8.112	6.558	114	5.592	14.64						
21:48	17.18	8.075	7.061	173.3	5.59	17.45						
21:48	20.01	8.03	7.566	149.8	5.594	20.28						
21:48	0	0	0	0	0	0	[CumVol]=20.76 bbl					

Well		Field				Service Date		Customer	Job Number
Fuller #1-2		Hugoton				7/19/97		MOBIL OIL CORP V39050075	20008678
Time	CumVol	Density	Elapsed Time	Pressure UI	Pump	Rezero	Message		
24 hr clock	bbl	ppg	min	psi	bpm	bbl			
21:48	0	0	0	0	0	0	0	0	Reset Volume
21:48	0	0	0	0	0	0	0	0	Start Mixing Lead Slurry
21:49	1.968	11.92	8.069	190.1	5.585	23.09	0		
21:49	4.779	13.05	8.572	250.8	5.592	25.9	0		
21:50	7.592	12.58	9.075	230.6	5.592	28.71	0		
21:50	10.4	12.57	9.577	220.6	5.593	31.52	0		
21:51	13.23	12.54	10.08	208.9	5.592	34.35	0		
21:51	16.04	12.53	10.59	202	5.592	37.16	0		
21:52	18.85	12.61	11.09	192.6	5.593	39.97	0		
21:52	21.66	12.57	11.59	187.4	5.592	42.78	0		
21:53	24.47	12.56	12.09	179.8	5.585	45.59	0		
21:53	27.3	12.53	12.6	169.4	5.592	48.42	0		
21:54	30.11	12.5	13.1	165.4	5.592	51.23	0		
21:54	32.92	12.53	13.6	166	5.579	54.04	0		
21:55	35.73	12.54	14.11	163.6	5.589	56.85	0		
21:55	38.55	12.61	14.61	164.5	5.592	59.66	0		
21:56	41.37	12.68	15.11	163	5.591	62.49	0		
21:56	44.18	12.54	15.62	159.8	5.59	65.3	0		
21:57	46.99	12	16.12	143.1	5.601	68.11	0		
21:57	49.8	11.8	16.62	119	5.582	70.92	0		
21:58	52.61	12.44	17.13	108.6	5.591	73.73	0		
21:58	55.44	12.43	17.63	126	5.595	76.56	0		
21:59	58.25	12.67	18.13	120.6	5.595	79.37	0		
21:59	61.06	12.56	18.64	129.8	5.59	82.18	0		
22:00	63.87	12.93	19.14	124.9	5.593	84.99	0		
22:00	66.69	12.35	19.64	128.9	5.593	87.81	0		
22:01	69.51	12.85	20.15	119.6	5.592	90.63	0		
22:01	72.32	13.12	20.65	123.7	5.592	93.44	0		
22:02	75.13	12.25	21.15	99.97	5.589	96.25	0		
22:02	0	0	0	0	0	0	0	0	Reset Volume
22:02	0	0	0	0	0	0	0	0	[CumVol]=75.51 bbl
22:02	0	0	0	0	0	0	0	0	Start Mixing Tail Slurry
22:02	2.342	14.89	21.66	161.4	5.589	99.06	0		
22:03	5.153	12.88	22.16	150.2	5.581	101.9	0		
22:03	7.974	13.16	22.66	181.2	5.581	104.7	0		
22:04	10.79	13.59	23.17	197.9	5.592	107.5	0		
22:04	13.6	14.61	23.67	245.9	5.588	110.3	0		
22:05	16.41	15.22	24.17	314.5	5.59	113.1	0		
22:05	19.22	14.74	24.68	290.7	5.601	115.9	0		
22:06	22.04	14.4	25.18	261.3	5.593	118.8	0		
22:06	24.86	14.33	25.68	252.6	5.592	121.6	0		
22:07	27.67	14.32	26.19	259.5	5.594	124.4	0		
22:07	30.48	14.31	26.69	254.4	5.594	127.2	0		
22:08	33.3	14.14	27.19	247	5.595	130	0		
22:08	0	0	0	0	0	0	0	0	Shutdown
22:08	0	0	0	0	0	0	0	0	Drop Top Plug
22:08	0	0	0	0	0	0	0	0	Start Displacement
22:08	0	0	0	0	0	0	0	0	Reset Volume
22:08	0	0	0	0	0	0	0	0	[CumVol]=34.08 bbl
22:08	9134E-7	13.45	27.7	19.42	8771E-6	130.8	0		
22:09	1399E-6	13.6	28.2	13.06	314E-8	130.8	0		
22:09	1399E-6	13.61	28.7	9.139	1124E-12	130.8	0		
22:10	1399E-6	13.52	29.2	8.003	4025E-16	130.8	0		
22:10	.3149	12.69	29.71	130	3.094	131.1	0		

ORIGINAL

Well			Field			Service Date		Customer		Job Number		
Fuller #1-2			Hugoton			7/19/97		MOBIL OIL CORP V39050075		20008878		
Time	Cum/Vol	Density	Elapsed Time	Pressure Uf	Pump	Rezero	Message					
24 hr clock	bbbl	ppg	min	psi	bpm	bbbl						
22:11	2.943	9.009	30.21	159.7	5.592	133.7	0					
22:11	5.779	7.94	30.72	139.5	5.707	136.6	0					
22:12	8.651	7.996	31.22	160.6	5.71	139.5	0	ORIGINAL				
22:12	11.47	8.086	31.72	179.9	5.584	142.3	0					
22:13	14.28	8.078	32.22	200.6	5.591	145.1	0					
22:13	17.1	8.056	32.73	225.5	5.58	147.9	0					
22:14	0	0	0	0	0	0	0	Returns at Surface				
22:14	19.92	8.094	33.23	246.7	5.59	150.7	0					
22:14	22.73	8.001	33.73	285.6	5.595	153.5	0					
22:15	25.54	8.066	34.24	291.5	5.595	156.3	0					
22:15	28.44	8.123	34.76	322.6	5.591	159.2	0					
22:16	31.27	8.116	35.26	342.9	5.591	162.1	0					
22:16	34.08	8.118	35.76	355.5	5.585	164.9	0					
22:17	36.89	8.117	36.27	386.7	5.59	167.7	0					
22:17	39.7	8.117	36.77	423.2	5.579	170.5	0					
22:18	0	0	0	0	0	0	0	Lower Pump Rate				
22:18	42.05	8.117	37.27	363.8	2.161	172.9	0					
22:18	43.02	8.118	37.78	370.1	1.888	173.8	0					
22:19	43.98	8.118	38.28	382.5	1.9	174.8	0					
22:19	44.93	8.09	38.78	386.9	1.89	175.7	0					
22:20	45.84	8.081	39.29	632.2	.7813	176.6	0	Bump Top Plug				
22:20	0	0	0	0	0	0	0	Shutdown				
22:20	45.88	8.107	39.79	751.3	2794E-7	176.7	0					
22:21	45.88	8.093	40.29	750	1E-7	176.7	0					
22:21	45.88	8.108	40.8	764.4	3582E-14	176.7	0					
22:22	45.88	8.098	41.3	768.8	1282E-17	176.7	0					
22:22	45.88	8.089	41.8	770.5	4591E-21	176.7	0					
22:23	45.88	8.089	42.31	771.2	1644E-24	176.7	0					
22:23	45.88	8.111	42.81	775.8	5885E-28	176.7	0					
22:24	45.88	8.114	43.31	776	2107E-31	176.7	0					
22:24	0	0	0	0	0	0	0	End Job				
Post Job Summary												
Average Pump Rates, bpm						Volume of Fluid Injected, bbl						
Slurry	N2		Mud	Maximum Rate		Total Slurry	Mud	Spacer		N2		
5	0		0	5.6		108	0	0		0		
Treating Pressure Summary, psi						Breakdown Fluid						
Maximum	Final	Average		Bump Plug to	Breakdown	Type	Volume		Density			
760	759	350		0	0		0 bbl		0 lb/gal			
Avg. N2 Percent		Designed Slurry Volume			Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <u>26.3</u> bbl <input type="checkbox"/> Washed Thru Porfs To <u>0</u> ft <u>78.5</u> SKS					
0 %		0 bbl			44.5 bbl							
Customer or Authorized Representative						Dowell Supervisor			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			
Russell Worley						FICA BRENNON						

# ORIGINAL

## Cementing Service Report

15-189-22172



<b>Customer</b> MOBIL OIL CORP V390500757A	<b>Job Number</b> 20008881
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<b>Well</b> Fuller 1-2		<b>Location (legal)</b> Sec. 31-33S-35W		<b>Dowell Location</b> Ulysses, KS		<b>Service Date</b> 7/22/97	
<b>Field</b> Hugoton		<b>Formation Name/Type</b> Dolomite		<b>Deviation</b> 0		<b>Well TVD</b> 3,032 ft	
<b>County</b> Stevens		<b>State/Province</b> Kansas		<b>BHP</b> 0 psi		<b>Well MD</b> 3,032 ft	
<b>Rig Name</b> NORSEMAN 2		<b>Drilled For</b> Gas		<b>Service Via</b> Land		<b>Perme Press. Gradient</b> 0 psi/ft	
<b>Water Depth</b>		<b>Well Class</b> 101		<b>Well Type</b> Development		<b>Perforations/Open Hole</b>	
<b>Drilling Fluid Type</b> Bentonite		<b>Max. Density</b> 9.2 lb/gal		<b>Plastic Viscosity</b> 36 cp		<b>Tubing/Drill Pipe</b>	
<b>Service Line</b> Cementing		<b>Job Type</b> Cem Prod Casing		<b>Depth, ft</b> 0		<b>Size, in</b> 5.5	
<b>Max. Allowed Tubing Pressure</b> 2500 psi		<b>Max. Allowed Ann. Pressure</b> 0 psi		<b>WellHead Connection</b> Single cement head		<b>Weight, lb/ft</b> 15.5	
<b>Service Instructions</b> Safely deliver & perform Longstring Cement Job with materials & equipment listed below. Per clients instructions I.D. RDWORLEY Acc. Code 4903 Loc. Code 62998 Total Field Price 7075.26		<b>Top, ft</b> 0		<b>Bottom, ft</b> 0		<b>Grade</b> K55	
		<b>spf</b> 0		<b>No. of Shots</b> 0		<b>Thread</b> 8RD	
		<b>Total Interval</b> 0 ft		<b>Diameter</b> 0 in			
		<b>Treat Down</b> Casing		<b>Displacement</b> 70.6 bbl		<b>Packer Type</b> None	
		<b>Packer Depth</b> 0 ft		<b>Tubing Vol.</b> 0 bbl		<b>Casing Vol.</b> 71.9 bbl	
		<b>Annular Vol.</b> 113 bbl		<b>Open Hole Vol</b> 0 bbl			
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>		<b>1 Hole Volume Circulated prior to Cementing</b> <input type="checkbox"/>		<b>Casing Tools</b>		<b>Squeeze Job</b>	
<b>Lift Pressure:</b> 1971 psi		<b>Shoe Type:</b> Guide		<b>Squeeze Type</b>			
<b>Pipe Rotated</b> <input type="checkbox"/>		<b>Pipe Reciprocated</b> <input type="checkbox"/>		<b>Shoe Depth:</b> 3032 ft		<b>Tool Type:</b>	
<b>No. Centralizers:</b> 12		<b>Top Plugs:</b> 1		<b>Bottom Plugs:</b> 0		<b>Stage Tool Type</b>	
<b>Cement Head Type:</b> Single		<b>Stage Tool Depth:</b> 0 ft		<b>Tool Depth:</b> 0 ft			
<b>Job Scheduled For:</b> 7/22/97		<b>Arrived on Location:</b> 7/22/97 12:30		<b>Leave Location:</b> 7/22/97 16:00		<b>Collar Type:</b> Float	
		<b>Collar Depth:</b> 2973 ft		<b>Tail Pipe Size:</b> 0 in			
		<b>Collar Depth:</b> 2973 ft		<b>Tail Pipe Depth:</b> 0 ft			
		<b>Sqz Total Vol:</b> 0 bbl					
<b>Time</b>	<b>CumVol</b>	<b>Density</b>	<b>Pressure Uf</b>	<b>Reset Volume</b>	<b>TotFlowRate</b>	<b>Message</b>	
24 hr clock	bbl	ppg	psi	bbl	bpm		
14:41	0	0	0	0	0	START ACQUISITION	
14:41	0	-6.25	-3842	0	0		
14:41	0	8.226	13.8	0	0		
14:42	0	8.226	13.8	0	0		
14:42	9798E-6	8.258	13.38	9798E-6	4608E-5		
14:43	1498E-5	8.315	13.68	1498E-5	5434E-8		
14:43	1499E-5	8.313	12.9	1499E-5	1945E-11		
14:44	1545E-5	8.318	13.33	1545E-5	1911E-7		
14:44	.2009	8.313	35.76	.2009	1.383		
14:45	.3399	8.315	3727	.3399	1477E-6		
14:45	.3499	8.312	59.56	.3499	5741E-5		
14:46	.3555	8.31	18.42	.3555	4013E-8		
14:46	0	0	0	0	0	Start Pumping Water	
14:46	.4595	8.284	64.3	.4595	1.041		
14:47	2.466	8.273	224.6	2.466	5.621		
14:47	5.307	8.271	228.9	5.307	5.648		
14:48	8.31	8.232	263.3	8.31	6.401		
14:48	11.46	8.223	239.7	11.46	5.712		
14:49	14.29	8.213	239.3	14.29	5.614		
14:49	17.11	8.219	243.8	17.11	5.615		
14:50	19.94	8.242	248.2	19.94	5.615		

Well			Field			Service Date		Customer		Job Number
Fuller #1-2			Hugoton			7/22/97		MOBIL OIL CORP V39050075		20008881
Time	CumVol	Density	Pressure U1	Reset Volume	TestFlowrate			Message		
24 hr clock	bbbl	ppg	psl	bbbl	bpm					
14:50	22.77	8.127	252.8	22.77	5.603	0	0	ORIGINAL		
14:51	25.59	8.14	257.6	25.59	5.615	0	0			
14:51	28.42	8.161	262	28.42	5.609	0	0			
14:52	31.24	8.161	267.5	31.24	5.611	0	0			
14:52	34.06	8.174	271.4	34.06	5.6	0	0			
14:52	0	0	0	0	0	0	0	[Reset Volume]=0 bbl		
14:53	0	0	0	0	0	0	0	Start Mixing Lead Slurry		
14:53	36.88	8.568	260.7	1.126	5.594	0	0			
14:53	39.68	10.4	290.3	3.927	5.582	0	0			
14:54	42.49	10.65	294.8	6.732	5.573	0	0			
14:54	45.29	11.63	300.1	9.53	5.563	0	0			
14:55	48.09	11.5	281.3	12.33	5.565	0	0			
14:55	50.89	11.52	271.8	15.14	5.557	0	0			
14:56	53.69	11.3	265.8	17.93	5.566	0	0			
14:56	56.49	10.87	239.7	20.74	5.573	0	0			
14:57	59.29	11.34	244	23.53	5.577	0	0			
14:57	62.09	11.81	235.6	26.33	5.57	0	0			
14:58	64.91	11.27	218	29.15	5.572	0	0			
14:58	67.71	11.35	205.1	31.95	5.564	0	0			
14:59	70.51	11.24	193.8	34.75	5.568	0	0			
14:59	73.31	11.37	180.2	37.55	5.589	0	0			
15:00	76.12	11.42	171.2	40.36	5.584	0	0			
15:00	78.94	11.43	141	43.18	5.594	0	0			
15:01	81.75	11.45	121.1	46	5.583	0	0			
15:01	84.56	11.53	119.8	48.8	5.577	0	0			
15:02	87.36	11.52	119.7	51.61	5.58	0	0			
15:02	90.18	11.41	119.8	54.43	5.591	0	0			
15:03	93	11.45	120.2	57.24	5.585	0	0			
15:03	95.81	11.43	119.7	60.05	5.589	0	0			
15:04	98.62	11.5	119.6	62.86	5.587	0	0			
15:04	101.4	11.47	121.8	65.67	5.579	0	0			
15:05	104.2	11.4	120	68.49	5.598	0	0			
15:05	107.1	11.44	121	71.31	5.601	0	0			
15:06	109.9	11.57	124.2	74.12	5.598	0	0			
15:06	112.7	11.39	122.3	76.94	5.606	0	0			
15:07	115.5	11.47	123.4	79.75	5.592	0	0			
15:07	118.3	11.58	124.2	82.57	5.588	0	0			
15:08	121.1	11.45	124.2	85.38	5.602	0	0			
15:08	124	11.51	124.2	88.2	5.592	0	0			
15:09	126.8	11.24	119.7	91.01	5.6	0	0			
15:09	129.6	11.57	124.9	93.82	5.583	0	0			
15:10	132.4	11.67	125.7	96.64	5.579	0	0			
15:10	135.2	11.5	124.2	99.44	5.585	0	0			
15:11	138	11.41	123.3	102.2	5.589	0	0			
15:11	140.8	11.68	124.2	105.1	5.587	0	0			
15:12	0	0	0	0	0	0	0	[Reset Volume]=0 bbl		
15:12	0	0	0	0	0	0	0	Start Mixing Tail Slurry		
15:12	143.6	13.56	145.9	1.401	5.542	0	0			
15:12	146.4	15.18	208.7	4.189	5.522	0	0			
15:13	149.2	14.71	196.2	6.984	5.527	0	0			
15:13	152	14.72	190.2	9.743	5.525	0	0			
15:14	154.7	14.81	197.6	12.52	5.529	0	0			
15:14	157.5	14.46	187.3	15.3	5.553	0	0			

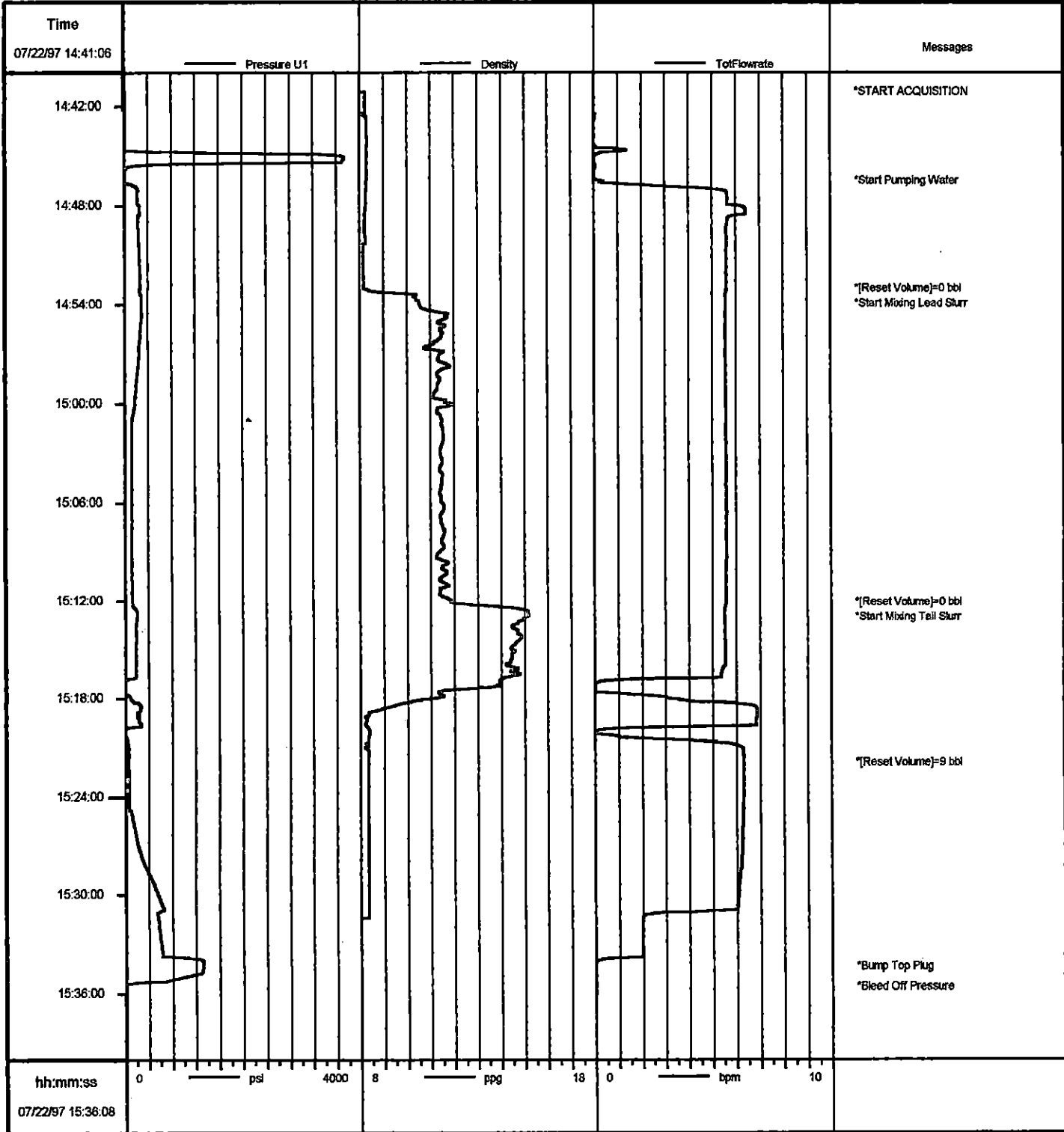
Well		Field				Service Date		Customer	Job Number
Fuller #1-2		Hugoton				7/22/97		#OBIL OIL CORP V39050075	20008881
Time	CurVol	Density	Pressure Ut	Reset Volume	TotFlowrate			Message	
24 hr clock	bbbl	ppg	psi	bbbl	bpm				
15:15	160.3	14.44	189.2	18.1	5.538	0	0	ORIGINAL	
15:15	163.1	14.39	187.2	20.89	5.543	0	0		
15:16	165.9	14.41	186.3	23.64	5.398	0	0		
15:16	168.4	14.01	45.95	26.18	1.971	0	0		
15:17	168.5	13.02	-18.38	26.29	1065E-5	0	0		
15:17	168.9	11.53	77.68	26.66	2.599	0	0		
15:18	171	9.538	260.1	28.77	6.485	0	0		
15:18	174.4	8.338	207	32.2	6.884	0	0		
15:19	177.9	8.237	234.5	35.64	6.83	0	0		
15:19	180.2	8.351	-9.025	38.02	.275	0	0		
15:20	180.4	8.336	22.52	38.22	1.338	0	0		
15:20	182.7	8.31	49.04	40.49	6.071	0	0		
15:21	185.9	8.342	54.77	43.63	6.288	0	0		
15:21	0	0	0	0	0	0	0	[Reset Volume]=9 bbl	
15:21	189	8.33	56.81	9.105	6.282	0	0		
15:22	192.2	8.318	61.99	12.27	6.306	0	0		
15:22	195.4	8.323	64.11	15.45	6.297	0	0		
15:23	198.5	8.327	62.57	18.61	6.295	0	0		
15:23	201.7	8.333	62.4	21.78	6.307	0	0		
15:24	204.9	8.333	61.9	24.94	6.294	0	0		
15:24	208	8.328	96.24	28.12	6.285	0	0		
15:25	211.2	8.333	128.5	31.27	6.274	0	0		
15:25	214.3	8.333	155.5	34.42	6.249	0	0		
15:26	217.5	8.333	184.5	37.56	6.233	0	0		
15:26	220.6	8.333	212.3	40.69	6.22	0	0		
15:27	223.7	8.333	255.7	43.84	6.217	0	0		
15:27	226.9	8.333	306.6	46.95	6.197	0	0		
15:28	230	8.333	367.2	50.06	6.162	0	0		
15:28	233.1	8.333	430.9	53.15	6.118	0	0		
15:29	236.1	8.333	496.6	56.22	6.082	0	0		
15:29	239.2	8.333	547.8	59.28	6.073	0	0		
15:30	242.2	8.333	601.1	62.32	6.031	0	0		
15:30	245.3	8.333	647.3	65.35	5.884	0	0		
15:31	246.7	8.247	555.1	66.83	1.989	0	0		
15:31	247.7	8067E-5	569.6	67.83	1.983	0	0		
15:32	248.7	4374E-5	585.3	68.83	1.976	0	0		
15:32	249.7	4197E-5	602.5	69.82	1.96	0	0		
15:33	250.7	.0434	617.7	70.82	1.977	0	0		
15:33	251.5	3249E-5	1286	71.63	.2189	0	0		
15:34	0	0	0	0	0	0	0	Bump Top Plug	
15:34	251.5	3106E-5	1304	71.64	7835E-8	0	0		
15:34	251.5	3118E-5	1029	71.64	2805E-11	0	0		
15:35	251.5	3053E-5	6.01	71.64	1004E-14	0	0		
15:35	0	0	0	0	0	0	0	Bleed Off Pressure	
15:35	0	0	0	0	0	0	0	End Job	
15:35	251.5	.0347	-18.4	71.64	3595E-18	0	0		



Well Fuller #1-2			Field Hugoton			Service Date 7/22/97		Customer MOBIL OIL CORP V39060079		Job Number 20008881	
Time	Cum/Vol	Density	Pressure U1	Roset Volume	TotFlowrate	Message					
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
<b>Post Job Summary</b>											
Average Pump Rates, bpm					Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2			
6	0	0	6.3		132	0	0	0			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density			
650	550	350	0	0		0 bbl		0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input type="checkbox"/> Cement Circulated to Surface? Volume		bbbl				
0 %	0 bbl		70.6 bbl		<input type="checkbox"/> Washed Thru Perfs To		0 ft				
Customer or Authorized Representative			Dowell Supervisor			<input type="checkbox"/> Circulation Lost			<input checked="" type="checkbox"/> Job Completed		
Jeff Lasiter			Dave Brawley								

ORIGINAL

Well	Fuller #1-2	Client	Mobil E&P US Inc.	ORIGINAL
Field	Hugoton	SIR No.	20008881	
Country	USA	Job Date	7/22/97 2:41:06 PM	



Job: mobil8881

07/22/1997 15:37