

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: Murfin Drilling Co., Inc.

License: 30606

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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-17-97 7-20-97 7-24-97
 Spud Date Date Reached TD Completion Date

API NO. 15- 189-221870000

County Stevens

SW - NE - SE Sec. 20 Twp. 34 Rge. 36 X E

1500 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:
 NE, (SE), NW or SW (circle one)

Lease Name Kinser #2 Unit Well # 5

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3060 KB 3071

Total Depth 3020 PBTD 2965

Amount of Surface Pipe Set and Cemented at 747 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 21,000 ppm Fluid volume 225 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite:
11-10-97

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
 7-79.kcc

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input 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)



JAN 1980

Operator Name Mobil Oil Corporation Lease Name Kinser #2 Unit Well # 5
 Sec. 20 Twp. 34 Rge. 36 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

List All E.Logs Run:

NO LOGS RUN

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#	747	Class C Class C	250 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	3010	Class C Class C	220 100	3% D79 2% B28

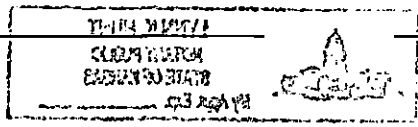
ADDITIONAL CEMENTING/SQUEEZE RECORD

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	
		2 SPF	2716-32
	2774-88	Frac'd: 14,842 gals WF130 in 70q foam	
	2840-50	112,260 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.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
8-15-97				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		413		

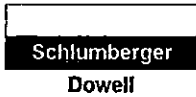
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 2716
 Other (Specify) 2850



ORIGINAL

Cementing Service Report

15-189-22187



Customer MOBIL OIL CORP V390500757A	Job Number 20008902
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Well Kinser 2-5		Location (legal) Sec. 20-34S-36W		Dowell Location Ulysses, KS		Service Date 7/16/97					
Field Hugoton		Formation Name/Type Dirty-Sandstone		Deviation 0 °	Bit Size 7.88 in	Well MD 3,020 ft	Well TVD 3,020 ft				
County Stevens		State/Province Ks.		BHP 0 psi	BHST 0 °F	BHCT 0 °F	Poro Press. Gradient 0 psi/ft				
Rig Name MURFIN 22	Drilled For Gas	Service Via Land		Casing/Liner							
Water Depth	Well Class 101	Well Type Development		Depth, ft 3008	Size, in 5.5	Weight, lb/ft 15.5	Grade ck55				
Drilling Fluid Type Bentonite	Max. Density 9.5 lb/gal	Plastic Viscosity 0 cp		Tubing/Drill Pipe							
Service Line Cementing	Job Type Cem Prod Casing		Depth, ft 0	Size, in	Weight, lb/ft	Grade	Thread				
Max. Allowed Tubing Pressure 2500 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection Single cement head		Perforations/Open Hole							
Service Instructions Pump, ABT, & materials to safely cmt. 5 1/2 longstring as per customers instructions. Loc. 60852 I.D. M.T. HARVEY				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0				
				Total Interval 0 ft	Diameter 0 in	Treat Down Casing	Displacement 70.5 bbl	Packer Type	Packer Depth 0 ft		
				Tubing Vol. 0 bbl	Casing Vol. 71.6 bbl	Annular Vol. 0 bbl	Open Hole Vol 0 bbl				
				Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>				Casing Tools		Squeeze Job	
				Lift Pressure: 570 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide	Shoe Depth: 3008 ft	Squeeze Type	Tool Type:
No. Centralizers: 0	Top Plugs: 1	Bottom Plugs: 0		Stage Tool Type	Stage Tool Depth: 0 ft	Tool Depth: 0 ft	Tool Pipe Size: 0 in				
Cement Head Type: Single				Collar Type: Auto-Fill	Collar Depth: 2961 ft	Tail Pipe Depth: 0 ft	Sqz Total Vol: 0 bbl				
Job Scheduled For: 7/20/97 8:30		Arrived on Location: 7/20/97 8:30		Leave Location: 7/20/97							
Time	CumVol	Density	Pressure U1	totcumvol	TotFlowrate	Message					
24 hr clock	bbl	ppg	psi	bbl	bpm						
11:57	0	0	0	0	0	START ACQUISITION					
11:57	0	8.188	-4.568	0	0						
11:57	0	0	0	0	0	Pressure Test Lines					
11:58	.0184	8.171	1881	.0184	736E-6						
11:58	1843E-5	8.18	1900	1843E-5	2635E-10						
11:59	1843E-5	8.18	3.804	1843E-5	9433E-14						
11:59	0	0	0	0	0	Start Pumping Water					
11:59	1.282	8.163	131.1	1.282	5.38						
12:00	4.074	8.244	138.1	4.074	5.593						
12:00	6.877	8.25	152.4	6.877	5.594						
12:01	9.679	8.204	161.8	9.679	5.591						
12:01	12.59	8.191	172	12.59	5.591						
12:02	15.5	8.191	181.3	15.5	5.591						
12:02	18.3	8.173	189.8	18.3	5.594						
12:03	21.1	8.15	199.3	21.1	5.593						
12:03	23.91	8.094	294.6	23.91	5.593						
12:04	26.71	8.396	242.1	26.71	5.595						
12:04	0	0	0	0	0	[CumVol]=27.46 bbl					
12:04	0	0	0	0	0	Reset Volume					
12:04	0	0	0	0	0	Start Mixing Lead Slurry					
12:04	1.869	10.72	269.9	29.51	5.59						

Well			Field			Service Date		Customer		Job Number
Kinser #2-5			Hugoton			7/16/97		MOBIL OIL CORP V39050075		20008902
Time	CumVol	Density	Pressure U1	totcumvol	TotFlowrate			Message		
24 hr clock	bbbl	ppg	psi	bbbl	bpm					
12:05	4.672	11.32	284	32.32	5.595	0	0			
12:05	7.476	10.97	254	35.12	5.594	0	0	ORIGINAL		
12:06	10.28	11.74	255.1	37.92	5.592	0	0			
12:06	13.08	11.4	231.7	40.73	5.593	0	0			
12:07	15.89	11.42	217.9	43.53	5.593	0	0			
12:07	18.69	11.53	207.5	46.33	5.593	0	0			
12:08	21.49	11.16	189.3	49.14	5.594	0	0			
12:08	24.29	11.52	180.3	51.94	5.591	0	0			
12:09	27.1	11.45	166.8	54.74	5.591	0	0			
12:09	29.9	11.33	151.4	57.55	5.596	0	0			
12:10	32.71	11.33	137.9	60.35	5.605	0	0			
12:10	35.51	11.39	127.3	63.15	5.604	0	0			
12:11	38.31	11.33	116.9	65.96	5.593	0	0			
12:11	41.12	11.33	111	68.76	5.593	0	0			
12:12	43.92	11.6	112.2	71.56	5.592	0	0			
12:12	46.72	11.67	116.3	74.37	5.596	0	0			
12:13	49.63	11.54	113.3	77.28	5.592	0	0			
12:13	52.43	11.51	110	80.08	5.592	0	0			
12:14	55.24	11.5	105.6	82.88	5.585	0	0			
12:14	58.04	11.51	101.6	85.69	5.59	0	0			
12:15	60.84	11.51	98.72	88.49	5.592	0	0			
12:15	63.65	11.49	93.79	91.29	5.591	0	0			
12:16	66.45	11.45	94.33	94.1	5.591	0	0			
12:16	69.25	11.48	96.51	96.9	5.594	0	0			
12:17	72.06	11.5	97.08	99.7	5.599	0	0			
12:17	74.86	11.53	101	102.5	5.592	0	0			
12:18	77.66	11.34	99.62	105.3	5.594	0	0			
12:18	80.57	11.44	99.23	108.2	5.593	0	0			
12:19	83.37	11.43	93.76	111	5.59	0	0			
12:19	86.18	11.45	96.71	113.8	5.6	0	0			
12:20	88.98	11.5	95.14	116.6	5.592	0	0			
12:20	91.78	11.46	100.7	119.4	5.594	0	0			
12:21	94.59	11.28	92.54	122.2	5.592	0	0			
12:21	97.39	11.5	95.12	125	5.58	0	0			
12:22	100.2	11.57	91.52	127.8	5.592	0	0			
12:22	103	10.84	90.82	130.6	5.59	0	0			
12:22	0	0	0	0	0	0	0	[CumVol]=103 bbl		
12:22	0	0	0	0	0	0	0	Reset Volume		
12:22	0	0	0	0	0	0	0	Start Mixing Tail Slurry		
12:23	2.721	13.9	173.3	133.5	5.594	0	0			
12:23	5.524	14.8	239.6	136.4	5.604	0	0			
12:24	8.327	14.74	219.5	139.2	5.595	0	0			
12:24	11.13	14.9	219.5	142	5.592	0	0			
12:25	13.93	14.77	220.9	144.8	5.602	0	0			
12:25	16.74	14.62	205.6	147.6	5.594	0	0			
12:26	19.54	14.98	210.1	150.4	5.592	0	0			
12:26	22.34	14.5	186.8	153.2	5.593	0	0			
12:26	0	0	0	0	0	0	0	Shutdown		
12:27	0	0	0	0	0	0	0	[CumVol]=23.19 bbl		
12:27	0	0	0	0	0	0	0	Reset Volume		
12:30	1122E-6	8.68	-41.5	154	1.344	0	0			
12:31	.3297	8.683	-4.659	154.4	3.055	0	0			
12:31	3.036	8.655	42.42	157.1	5.708	0	0			

Well			Field			Service Date		Customer		Job Number	
Kinser #2-5			Hugoton			7/16/97		MOBIL OIL CORP V39050075		20006902	
Time	CumVol	Density	Pressure U1	totcumvol	TotFlowrate	Message					
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
12:32	5.901	8.458	39.49	159.9	5.719	0	0				
12:32	8.764	8.33	44.23	162.8	5.713	0	0	ORIGINAL			
12:33	11.63	8.181	22.42	165.7	5.718	0	0				
12:33	14.49	8.365	21.32	168.5	5.732	0	0				
12:34	17.51	8.678	21.16	171.5	5.712	0	0				
12:34	20.52	8.633	27.25	174.5	5.718	0	0				
12:35	23.38	8.516	29.87	177.4	5.706	0	0				
12:35	26.24	8.399	49.59	180.3	5.694	0	0				
12:36	29.11	8.254	63.14	183.1	5.711	0	0				
12:36	31.97	8.19	78.71	186	5.71	0	0				
12:37	34.83	8.145	94.07	188.9	5.717	0	0				
12:37	37.7	8.132	112.9	191.7	5.712	0	0				
12:38	40.56	8.05	148.2	194.6	5.71	0	0				
12:38	43.39	8.044	172.1	197.4	5.592	0	0				
12:39	46.19	7.94	207.1	200.2	5.591	0	0				
12:39	49.1	7.894	272.8	203.1	5.59	0	0				
12:40	51.9	7.932	317.8	205.9	5.591	0	0				
12:40	54.7	8.001	384.3	208.7	5.589	0	0				
12:41	57.5	7.99	445.8	211.5	5.589	0	0				
12:41	60.31	8.029	498.1	214.3	5.594	0	0				
12:41	0	0	0	0	0	0	0	Psi. check			
12:42	0	0	0	0	0	0	0	Lower Pump Rate			
12:42	62.03	8.021	422.8	216.1	1.947	0	0				
12:42	63	7.906	440.9	217	1.929	0	0				
12:43	63.96	7.473	457.1	218	1.931	0	0				
12:43	64.93	7.538	468.5	219	1.929	0	0				
12:44	65.9	7.514	482	219.9	1.92	0	0				
12:44	66.89	7.467	496.9	220.9	1.928	0	0				
12:45	0	0	0	0	0	0	0	Psi. check			
12:45	67.86	7.389	514.9	221.9	1.924	0	0				
12:45	68.82	7.345	530.5	222.8	1.927	0	0				
12:46	69.79	7.269	550.3	223.8	1.929	0	0				
12:46	0	0	0	0	0	0	0	Psi. check			
12:46	70.6	5.655	956.2	224.6	.2384	0	0				
12:47	0	0	0	0	0	0	0	Bump Top Plug			
12:47	70.61	6.541	1013	224.6	8536E-8	0	0				
12:47	0	0	0	0	0	0	0	Bleed Off Pressure			
12:47	70.61	6.455	285.7	224.6	3056E-11	0	0				
12:48	70.61	6.23	-2.54	224.6	1094E-14	0	0				

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.5	0	0	5.7	126	0	27	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Type	Volume	Density	
1000	0	0	0		0 bbl	8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement	<input type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To 0 ft			
0 %	132 0 bbl		70.5 bbl				
Customer or Authorized Representative			Dowell Supervisor		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
Marvin T. Harvey			PEARSON REX				

ORIGINAL Cementing Service Report

15-189-22187

Schlumberger
Dowell

Customer: MOBIL OIL CORP V390500757A	Job Number: 20008899
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Well: Kinser 2-5		Location (legal): Sec. 20-34S-36W		Dowell Location: Ulysses, KS		Service Date: 7/16/97					
Field: Hugoton		Formation Name/Type: Shale		Deviation: 0 °		Bit Size: 12.3 in					
County: Stevens		State/Province: Kansas		BHST: 70 °F		Well MD: 757 ft					
Rig Name: MURFIN 22		Drilled For: Gas		Service Via: Land		Well TVD: 757 ft					
Water Depth: 0		Well Class: 101		Well Type: Development		Perforations/Open Hole:					
Drilling Fluid Type: Bentonite		Max. Density: 9.2 lb/gal		Plastic Viscosity: 33 cp		Tubing/Drill Pipe:					
Service Line: Cementing		Job Type: Cem Surface Casing		Casing/Liner:		Perforations/Open Hole:					
Max. Allowed Tubing Pressure: 1000 psi		Max. Allowed Ann. Pressure: 0 psi		WellHead Connection: Single cement head		Perforations/Open Hole:					
Service Instructions: Safely deliver & perform Surface Cement Job with materials & equipment listed below. Per clients instructions. Acc Code 4903 Loc Code 60852 I.D. MTHARVEEY				Depth, ft		Grade					
				0		US50					
				Size, in		Weight, lb/ft		Thread			
				8.63		24		8rd			
				Top, ft		Bottom, ft		spf		No. of Shots	
				0		0		0		0	
Treat Down Casing		Displacement		Packer Type		Packer Depth					
0 bbl		44.9 bbl				0 ft					
Tubing Vol.		Casing Vol.		Annular Vol.		OpenHole Vol					
0 bbl		47.5 bbl		54.9 bbl		0 bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>				Casing Tools		Squeeze Job					
Lift Pressure: 306 psi				Shoe Type: Guide		Squeeze Type					
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>				Shoe Depth: 700 ft		Tool Type:					
No. Centralizers: 5 Top Plugs: 1 Bottom Plugs: 0				Stage Tool Type		Tool Depth: 0 ft					
Cement Head Type: Single				Stage Tool Depth: 0 ft		Tail Pipe Size: 0 in					
Job Scheduled For: 7/18/97 0:01				Arrived on Location: 7/18/97 0:00		Leave Location: 7/18/97 4:00					
				Collar Type: Other		Tail Pipe Depth: 0 ft					
				Collar Depth: 700 ft		Sqz Total Vol: 0 bbl					

Time	CumVol	Density	Pressure	Reset Volume	TotFlowrate	Message	
24 hr clock	bbbl	ppg	psi	bbbl	bpm		
2:01	0	-6.25	-3704	0	0	0	START ACQUISITION
2:01	0	7.877	5.921	0	0	0	
2:02	0	7.861	5.717	0	0	0	
2:02	0	7.869	3.459	0	0	0	
2:03	0	7.873	1.343	0	0	0	
2:03	.2121	7.873	832	.2121	.2117	0	
2:04	.2264	7.875	172	.2264	1473E-7	0	
2:04	.2264	7.893	17.36	.2264	5273E-11	0	
2:05	0	0	0	0	0	0	Start Pumping Water
2:05	.2264	7.872	10.68	.2264	1888E-14	0	
2:05	1.888	8.069	97.84	1.888	5.486	0	
2:06	4.706	8.086	99.07	4.706	5.592	0	
2:06	7.518	8.082	102.3	7.518	5.592	0	
2:07	10.33	8.087	99.68	10.33	5.592	0	
2:07	13.14	8.087	102.9	13.14	5.594	0	
2:08	15.95	8.072	105.6	15.95	5.595	0	
2:08	18.78	8.071	104.2	18.78	5.591	0	
2:09	21.59	8.056	107.9	21.59	5.591	0	
2:09	0	0	0	0	0	0	[Reset Volume]=0 bbl
2:09	24.4	8.072	101.8	.0938	5.594	0	
2:09	0	0	0	0	0	0	Start Mixing Lead Slurry

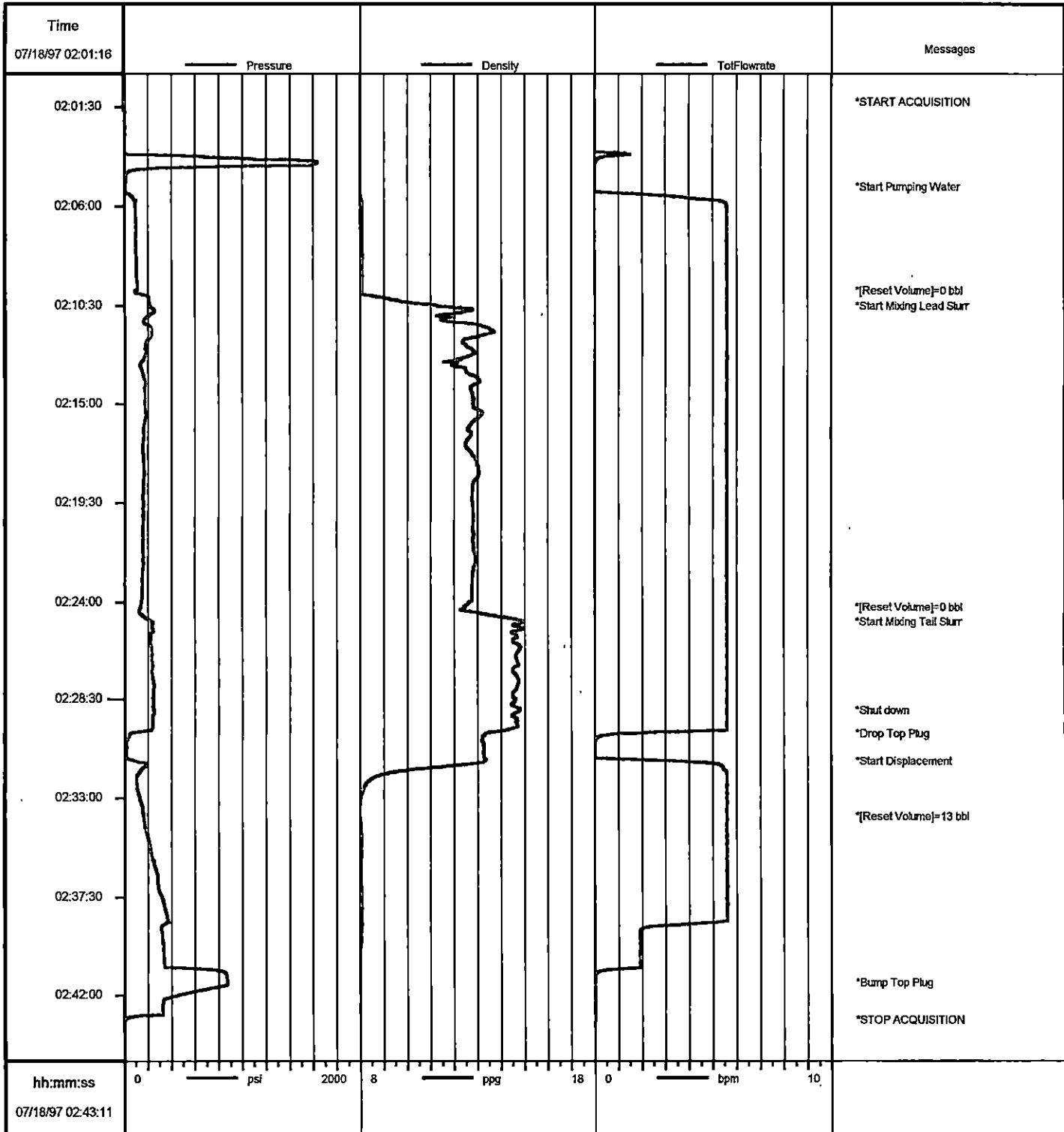
Well			Field			Service Date		Customer		Job Number
Kinser #2-5			Hugoton			7/16/97		MOBIL OIL CORP V39050075		20008899
Time	CumVol	Density	Pressure	Reset Volume	TotFlowrate			Message		
24 hr clock	bbbl	ppg	psi	bbbl	bpm					
2:10	27.21	10.06	209.3	2.906	5.592	0	0			
2:10	30.02	12.09	238.9	5.717	5.594	0	0			
2:11	32.85	12.98	187	8.539	5.589	0	0	ORIGINAL		
2:11	35.66	13.17	226.3	11.35	5.59	0	0			
2:12	38.47	12.53	180.5	14.16	5.596	0	0			
2:12	41.28	12.47	171.9	16.97	5.597	0	0			
2:13	44.09	12.44	140.7	19.79	5.591	0	0			
2:13	46.91	13.01	170.8	22.6	5.591	0	0			
2:14	49.72	12.71	173.9	25.41	5.59	0	0			
2:14	52.53	12.81	177.4	28.22	5.589	0	0			
2:15	55.34	13.19	181.8	31.04	5.592	0	0			
2:15	58.15	12.75	171	33.85	5.583	0	0			
2:16	60.98	12.73	163.1	36.67	5.58	0	0			
2:16	63.79	12.47	156.9	39.48	5.593	0	0			
2:17	66.6	12.84	161.1	42.29	5.594	0	0			
2:17	69.41	13.03	168.1	45.11	5.597	0	0			
2:18	72.23	12.96	170	47.92	5.592	0	0			
2:18	75.05	12.78	162.8	50.74	5.591	0	0			
2:19	77.86	12.77	160.8	53.55	5.595	0	0			
2:19	80.67	12.79	160.7	56.37	5.59	0	0			
2:20	83.49	12.8	160.1	59.18	5.592	0	0			
2:20	86.3	12.83	160.1	61.99	5.594	0	0			
2:21	89.12	12.8	157.9	64.81	5.592	0	0			
2:21	91.93	12.9	160.1	67.63	5.593	0	0			
2:22	94.74	12.83	159.9	70.44	5.593	0	0			
2:22	97.56	12.77	152	73.25	5.594	0	0			
2:23	100.4	12.76	150.5	76.06	5.592	0	0			
2:23	103.2	12.74	147	78.87	5.601	0	0			
2:24	0	0	0	0	0	0	0	[Reset Volume]=0 bbl		
2:24	0	0	0	0	0	0	0	Start Mixing Tail Slurry		
2:24	106	12.7	125	1.124	5.587	0	0			
2:24	108.8	14.86	240.5	3.935	5.589	0	0			
2:25	111.6	14.51	218.4	6.747	5.591	0	0			
2:25	114.4	14.74	219.6	9.559	5.579	0	0			
2:26	117.2	14.63	229.8	12.38	5.592	0	0			
2:26	120.1	14.66	240.5	15.19	5.592	0	0			
2:27	122.9	14.68	238.2	18.01	5.592	0	0			
2:27	125.7	14.67	251.4	20.82	5.592	0	0			
2:28	128.5	14.58	244.7	23.63	5.593	0	0			
2:28	131.3	14.83	251.6	26.45	5.593	0	0			
2:29	0	0	0	0	0	0	0	Shut down		
2:29	134.1	14.68	245.5	29.27	5.593	0	0			
2:29	0	0	0	0	0	0	0	Drop Top Plug		
2:29	136.9	13.82	152.8	32.04	4.119	0	0			
2:30	137.2	13.23	19.21	32.34	2198E-6	0	0			
2:30	137.2	13.23	18.28	32.34	7871E-10	0	0			
2:31	0	0	0	0	0	0	0	Start Displacement		
2:31	138.2	12.51	183.8	33.31	5.196	0	0			
2:31	140.9	8.753	109.1	36.07	5.59	0	0			
2:32	143.7	8.163	105.7	38.88	5.58	0	0			
2:32	146.6	8.017	131.2	41.69	5.582	0	0			
2:33	149.4	7.972	157.8	44.5	5.592	0	0			
2:33	0	0	0	0	0	0	0	[Reset Volume]=13 bbl		

Well		Field				Service Date		Customer		Job Number	
Kinser #2-5		Hugoton				7/16/97		MOBIL OIL CORP V39050074		20008899	
Time	CumVol	Density	Pressure	Roset Volume	TotFlowrate			Message			
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
2:33	152.3	7.95	166.9	13.94	5.59	0	0				
2:34	155.1	8.028	186.2	16.76	5.588	0	0				
2:35	157.9	8.045	210.1	19.57	5.596	0	0	ORIGINAL			
2:35	160.7	8.028	228.6	22.38	5.594	0	0				
2:36	163.5	8.028	253.2	25.19	5.594	0	0				
2:36	166.3	8.028	280.7	28.02	5.601	0	0				
2:37	169.2	8.029	287.7	30.83	5.594	0	0				
2:37	172	8.031	317.7	33.64	5.591	0	0				
2:38	174.8	8.046	342	36.45	5.592	0	0				
2:38	177.6	8.038	370.6	39.26	5.592	0	0				
2:39	179.4	8.038	314.4	41.02	1.937	0	0				
2:39	180.3	8.033	322.2	41.98	1.906	0	0				
2:40	181.3	7.967	333.9	42.94	1.907	0	0				
2:40	182.2	7.907	340.1	43.9	1.906	0	0				
2:41	182.7	7.905	864.3	44.38	1646E-5	0	0				
2:41	0	0	0	0	0	0	0	Bump Top Plug			
2:41	182.7	7.904	848.1	44.38	5894E-9	0	0				
2:42	182.7	7.893	414.3	44.38	211E-11	0	0				
2:42	182.7	7.89	327.7	44.38	7555E-16	0	0				
2:43	182.7	7.88	16.86	44.38	2705E-19	0	0				

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	110	0	0	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
853	853	300	0	0		0 bbl	0 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <u>370 bbl</u>		
0 %	0 bbl		45 bbl		<input type="checkbox"/> Washed Thru Perfs To 0 ft <u>90s ks</u>		
Customer or Authorized Representative				Dowell Supervisor		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed	
Marvin Harvey				BRAWLEY DAVID			

Well	Kinser #2-5	Client	Mobil E&P US Inc.	ORIGINAL
Field	Hugoton	SIR No.	20008899	
Country	USA	Job Date	7/18/97 2:01:16 AM	



Job: mobil8899

07/18/1997 02:43