

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. _____
11-20-97 11-23-97 1-5-98
 Spud Date Date Reached TD Completion Date

API NO. 15- 129-215400000 _____
 County Morton
 _____ - SE - NE - SE Sec. 7 Twp. 34 Rge. 39 X W
1390 Feet from (S)N (circle one) Line of Section
150 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 F. A. Thompson Well # 3
 Field Name Hugoton
 Producing Formation Chase
 Elevation: Ground 3336 KB 3345
 Total Depth 2951 PBDT 2894
 Amount of Surface Pipe Set and Cemented at 577 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 AH. 1, 5-13-98 U.C.
 (Data must be collected from the Reserve Pit)
 Chloride content 5,000 ppm Fluid volume 275 bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name Mobil Oil Corporation
 Lease Name _____ License No. 5208
 _____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
 County _____ Docket No. _____

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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 2-18-98
 Subscribed and sworn to before me this 18th day of February, 1998.
 Notary Public Dee Ann Head
 Date Commission Expires June 24, 1999
 8-14.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"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name F. A. Thompson Well # 3
 Sec. 7 Twp. 34 Rge. 39 East West
 County Morton

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 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			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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#	577	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2941	Class C Class C	225 100	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	2600-2610	Acid: 1,000 gals 7.5% HCL	
	2642-2652	Fract: 40,000 gals WF130 in 75q foam	
	2720-2730	132,380 lbs 16/30 sand	
	2770-2780		

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. 12-19-97	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 Mcf 317	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2600
 (If vented, submit ACO-18.) Other (Specify)

2780
 SEARCHED TO STATE RECORDS DIVISION
 OASIS WMA BEO



Cementing Service Report

ORIGINAL

Customer MOBIL OIL CORP V390500757A				Job Number 20022110				
Well F. A. THOMPSON 3		Location (legal) SEC 7-34S-39W		Dowell Location Ulysses, KS		Service Date 10/1/97		
Field HUGOTON		Formation Name/Type Dolomite		Deviation 0 °	Bit Size 12.3 in	Well MD 2,951 ft	Well TVD 2,951 ft	
County Morton		State/Province KS		BHP psi	BHST °F	BHCT °F	Pore Press. Gradient psi/ft	
Rig Name NORSEMAN 2	Drilled For Gas	Service Via Land		Casing/Liner				
Offshore Zone	Well Class New	Well Type Development		Depth, ft 2941	Size, in 5.5	Weight, lb/ft 14	Grade H40	
				0	0	0	8RD	
Drilling Fluid Type Bentonite		Max. Density 9.2 lb/gal	Plastic Viscosity 0 cp		Tubing/Drill Pipe			
Service Line Cementing	Job Type Cem Prod Casing		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade 0	Thread 0	
Max. Allowed Tubing Pressure 2000 psi	Max. Allowed Ann. Pressure 2000 psi	Wellhead Connection Single cement head		Perforations/Open Hole				
				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	
							Total Interval 0 ft	
							Diameter 0 in	
				Treat Down Casing	Displacement 70.6 bbl	Packer Type	Packer Depth ft	
				Tubing Vol. 0 bbl	Casing Vol. 71.7 bbl	Annular Vol. 0 bbl	Open Hole Vol. 0 bbl	
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>			Casing Tools		Squeeze Job		
Lift Pressure: 584 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide	Squeeze Type			
No. Centralizers: 12	Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 2941 ft	Tool Type:			
Cement Head Type: Single	Job Scheduled For: 11/23/97 8:00	Arrived on Location: 11/23/97 8:00	Leave Location: 11/23/97 20:00		Stage Tool Type:	Tool Depth: 0 ft		
					Stage Tool Depth: 0 ft	Tail Pipe Size: 0 in		
					Collar Type: Auto-Fill	Tail Pipe Depth: 0 ft		
					Collar Depth: 2894 ft	Sqz Total Vol: 0 bbl		
Time	CumVol	Density	Pressure U1	Pump			Message	
24 hr clock	bbl	ppg	psl	bpm				
15:54	0	0	0	0	0	0	START ACQUISITION	
15:54	0	-6.25	-3682	0	0	0		
15:55	.2391	8.349	898.7	.1009	0	0		
15:55	.253	8.348	3462	1317E-7	0	0		
15:56	.253	8.352	3365	1637E-11	0	0		
15:56	.253	8.328	3322	2034E-15	0	0		
15:57	.253	8.333	3289	2528E-19	0	0		
15:58	.253	8.328	1283	3142E-23	0	0		
15:58	.253	8.323	-4.835	3905E-27	0	0		
15:59	.253	8.346	-9.415	4854E-31	0	0		
15:59	0	0	0	0	0	0	Pressure Test Lines	
15:59	0	0	0	0	0	0	Start Pumping Water	
15:59	1.1	8.273	233.5	5.331	0	0		
16:00	4.273	8.351	159.7	5.592	0	0		
16:00	7.459	8.354	176.9	5.592	0	0		
16:01	9.86	8.379	-10.18	.2937	0	0		
16:02	9.876	8.382	-3.317	365E-7	0	0		
16:02	0	0	0	0	0	0	PAUSE ACQUISITION	
16:03	0	-6.25	-3682	0	0	0		
16:08	0	0	0	0	0	0	STOP ACQUISITION	
18:14	0	0	0	0	0	0	START ACQUISITION	
18:15	3728E-6	2.74	-4945E-12	.2237	0	0		

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Well		Field			Service Date	Customer	Job Number
F. A. THOMPSON #3		HUGOTON			10/1/97	OBIL OIL CORP V39050075	20022110
Time	CumVol	Density	Pressure U1	Pump	Message		
24 hr clock	bbl	ppg	psi	bpm			
18:15	.6318	.9935	152.3	3.195	0	0	0
18:16	3.663	1.083	248.6	5.727	0	0	0
18:16	6.884	7.293	214.9	5.664	0	0	0
18:17	10.1	8.342	254.8	5.653	0	0	0
18:17	13.31	8.28	254.2	5.631	0	0	0
18:18	16.54	8.133	256.9	5.674	0	0	0
18:19	19.77	8.232	266.3	5.642	0	0	0
18:19	22.98	8.272	270.4	5.591	0	0	0
18:19	0	0	0	0	0	0	0
18:19	0	0	0	0	0	0	0
18:20	.9473	9.216	297.6	5.636	0	0	0
18:20	0	0	0	0	0	0	0
18:20	4.164	11.28	299.8	5.652	0	0	0
18:21	7.377	11.31	289.5	5.64	0	0	0
18:21	10.59	11.6	283.5	5.658	0	0	0
18:22	13.82	11.66	269.8	5.662	0	0	0
18:23	17.04	11.45	252.2	5.655	0	0	0
18:23	20.25	11.68	242.7	5.661	0	0	0
18:24	23.49	11.56	225.3	5.679	0	0	0
18:24	26.74	11.57	212.3	5.676	0	0	0
18:25	29.96	11.57	194.1	5.629	0	0	0
18:25	33.19	11.57	183	5.677	0	0	0
18:26	36.42	11.56	170.4	5.663	0	0	0
18:26	39.64	11.57	155.8	5.639	0	0	0
18:27	42.87	11.57	144.6	5.679	0	0	0
18:28	46.11	11.64	136.9	5.675	0	0	0
18:28	49.33	11.59	136.9	5.654	0	0	0
18:29	52.56	11.58	136.9	5.679	0	0	0
18:29	55.8	11.43	134.4	5.676	0	0	0
18:30	59.03	11.73	135.5	5.642	0	0	0
18:30	62.25	11.75	139.3	5.664	0	0	0
18:31	65.47	11.58	137.1	5.666	0	0	0
18:32	68.7	11.57	136.7	5.65	0	0	0
18:32	71.92	11.59	137	5.656	0	0	0
18:33	75.15	11.54	136.9	5.659	0	0	0
18:33	78.37	11.57	136.2	5.653	0	0	0
18:34	81.59	11.63	138.5	5.647	0	0	0
18:34	84.83	11.66	138.5	5.668	0	0	0
18:35	88.05	11.57	137.5	5.65	0	0	0
18:36	91.27	11.57	136.9	5.656	0	0	0
18:36	94.5	11.52	136.9	5.675	0	0	0
18:37	97.73	11.69	140.3	5.673	0	0	0
18:37	101	11.75	139.8	5.64	0	0	0
18:38	104.2	11.71	141.2	5.68	0	0	0
18:38	107.4	12.15	144.7	5.656	0	0	0
18:39	110.7	12.34	137.9	5.656	0	0	0
18:39	0	0	0	0	0	0	0
18:39	0	0	0	0	0	0	0
18:39	0	0	0	0	0	0	0
18:39	0	0	0	0	0	0	0
18:40	1.893	14.65	188.8	5.643	0	0	0
18:40	5.117	14.64	199.1	5.628	0	0	0
18:41	8.327	14.62	196.2	5.632	0	0	0
18:41	11.54	15.09	209.6	5.645	0	0	0

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Well		Field			Service Date	Customer	Job Number
F. A. THOMPSON #3		HUGOTON			10/1/97	OBIL OIL CORP V39050075	20022110
Time	CumVol	Density	Pressure U1	Pump			Message
24 hr clock	bbl	ppg	psi	bpm			
18:42	14.76	14.75	201.9	5.675	0	0	ORIGINAL
18:42	17.99	14.56	197.5	5.666	0	0	
18:43	21.21	15.04	214.8	5.637	0	0	
18:43	0	0	0	0	0	0	End Tail Slurry
18:44	0	0	0	0	0	0	Drop Top Plug
18:44	23.51	14.12	15.45	.2214	0	0	
18:44	0	0	0	0	0	0	Start Displacement
18:44	0	0	0	0	0	0	[CumVol]=23.52 bbl
18:44	0	0	0	0	0	0	Reset Volume
18:44	0	0	0	0	0	0	PAUSE ACQUISITION
18:48	7402E-7	8.874	7826E-6	246E-9	0	0	RESTART AFTER PAUSE
18:48	1.944	9	118.8	3.825	0	0	
18:49	5.673	9.036	118.4	3.854	0	0	
18:49	9.4	9.023	116.3	3.833	0	0	
18:50	13.13	9.016	103.9	3.844	0	0	
18:51	16.85	8.918	165.2	3.82	0	0	
18:51	20.57	9.04	185.4	3.827	0	0	
18:52	24.28	8.752	209.9	3.806	0	0	
18:52	27.99	8.735	236.5	3.824	0	0	
18:53	31.78	8.761	257.4	3.801	0	0	
18:53	35.49	8.697	281.1	3.798	0	0	
18:54	39.21	8.632	302.3	3.798	0	0	
18:54	42.92	8.571	337.6	3.772	0	0	
18:55	46.63	8.501	376.6	3.779	0	0	
18:56	50.33	8.447	420.9	3.761	0	0	
18:56	54.02	8.396	492.6	3.752	0	0	
18:57	57.69	8.389	580	3.728	0	0	
18:57	61.36	8.403	658.6	3.712	0	0	
18:58	0	0	0	0	0	0	Lower Pump Rate
18:58	64.72	8.294	561.8	2.57	0	0	
18:58	66	8.358	587.4	2.178	0	0	
18:59	67.23	8.277	627.3	2.175	0	0	
19:00	68.48	8.272	650.3	2.183	0	0	
19:00	69.73	8.3	679.8	2.181	0	0	
19:01	70.97	8.307	714.9	2.174	0	0	
19:01	0	0	0	0	0	0	Bump Top Plug
19:01	71.6	6.813	987.6	1112E-5	0	0	
19:02	71.6	6.757	975.8	1382E-9	0	0	
19:02	71.6	6.566	911.4	1718E-13	0	0	
19:03	71.6	6.56	31.33	2136E-17	0	0	
19:04	71.6	6.602	16.66	2654E-21	0	0	
19:04	0	0	0	0	0	0	End Job

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Well F. A. THOMPSON #3		Field HUGOTON		Service Date 10/1/97		Customer OBIL OIL CORP V39050075		Job Number 20022110	
Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	Pump bpm	Message				
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
5			5.5		134		25	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
1000	1000	300	1000			bbl	0 lb/gal		
Avg. N2 Percent		Designed Slurry Volume		Displacement		<input type="checkbox"/> Cement Circulated to Surface? Volume 0 bbl <input type="checkbox"/> Washed Thru Perfs To 0 ft			
		0 bbl		71 bbl					
Customer or Authorized Representative RUSSELL WORLEY				Dowell Supervisor Jeffrey Dutton			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed		

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Schlumberger
Dowell

Cementing Service Report

ORIGINAL

Customer: MOBIL OIL CORP V390500757A
Job Number: 20022108

Well F. A. THOMPSON 3		Location (legal) SEC 7-34S-39W		Dowell Location Ulysses, KS		Service Date 10/1/97		
Field HUGOTON		Formation Name/Type Dirty-Sandstone		Deviation 0	Bit Size 12.3 in	Well MD 582 ft	Well TVD 582 ft	
County Morton		State/Province KS		BHP 0 psi	BHST 0 °F	BHCT 0 °F	Pore Press. Gradient 0 psi/ft	
Rig Name NORSEMAN 2	Drilled For Gas	Service Via Land		Casing/Liner				
Offshore Zone	Well Class New	Well Type Development		Depth, ft 577	Size, in 8.63	Weight, lb/ft 24	Grade k55	
				0	0	0		
Drilling Fluid Type Bentonite		Max. Density 9.2 lb/gal	Plastic Viscosity 0 cp		Tubing/Drill Pipe			
					Depth,	Size, in	Weight, lb/ft	
					0	0	0	
					0	0	0	
Service Line Cementing		Job Type Cem Surface Casing		Perforations/Open Hole				
Max. Allowed Tubing Pressure 1500 psi	Max. Allowed Ann. Pressure 1500 psi	WellHead Connection Single cement head		Top, ft	Bottom, ft	spf	No. of Shots	
				0	0	0	0	
				0	0	0	0	
				0	0	0	0	
				Treat Down	Displacement	Packer Type	Packer Depth	
				Casing	34 bbl		0 ft	
				Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol	
				0 bbl	36 bbl	0 bbl	0 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure: 150 psi		Pipe Rotated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type		
Pipe Reciprocated <input type="checkbox"/>		No. Centralizers: 0		Shoe Depth: 577 ft		Tool Type:		
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: 11/21/97 1:00		Arrived on Location: 11/21/97 1:00		Collar Type: Float		Tail Pipe Depth: 0 ft		
				Collar Depth: 534 ft		Sqz Total Vol: 0 bbl		
Time	Density	Pressure U1	Pump	Rezero			Message	
24 hr clock	ppg	psi	bpm	bbl				
5:26	0	0	0	0	0	0	START ACQUISITION	
5:26	8.303	-8427E-13	.1398	557E-5	0	0		
5:26	8.294	-8427E-13	6001E-5	4964E-5	0	0		
5:26	8.242	-8427E-13	5304E-5	7297E-5	0	0		
5:27	8.206	1.517	4788E-5	.1682	0	0		
5:27	8.229	1433	4639E-8	.3481	0	0		
5:28	0	0	0	0	0	0	Pressure Test Lines	
5:28	8.255	652.9	4784E-11	.3512	0	0		
5:28	8.256	4.232	3937E-5	.3596	0	0		
5:29	8.229	4364E-6	4583E-5	.3786	0	0		
5:29	0	0	0	0	0	0	[CumVol]= 3793 bbl	
5:29	0	0	0	0	0	0	Reset Volume	
5:29	8.2	45E-7	2816E-5	.394	0	0		
5:30	8.179	3799E-12	5294E-5	.4106	0	0		
5:30	0	0	0	0	0	0	Start Job	
5:30	8.246	138.6	5.26	1.807	0	0		
5:30	8.253	142.2	5.611	4.235	0	0		
5:31	8.285	136.7	5.541	6.673	0	0		
5:31	8.322	136.5	5.581	9.093	0	0		
5:32	8.333	137.2	5.565	11.52	0	0		
5:32	8.334	140.9	5.519	13.94	0	0		
5:33	8.316	143.6	5.592	16.36	0	0		

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Well		Field				Service Date		Customer		Job Number	
F. A. THOMPSON #3		HUGOTON				10/1/97		MOBIL OIL CORP V39050079		20022108	
Time	Density	Pressure U1	Pump	Rezero					Message		
24 hr clock	ppg	psi	bpm	bbl							
5:33	8.308	145.6	5.554	18.79	0	0	0				
5:33	8.284	147.1	5.551	21.21	0	0	0				
5:34	8.281	150.4	5.572	23.64	0	0	0				
5:34	0	0	0	0	0	0	0		[CumVol]=24.28 bbl		
5:34	0	0	0	0	0	0	0		Reset Volume		
5:34	0	0	0	0	0	0	0		Start Mixing Lead Slurry		
5:34	11.94	186.7	5.505	26.05	0	0	0				
5:35	13.19	197.9	5.547	28.45	0	0	0				
5:35	13.19	186.3	5.528	30.87	0	0	0				
5:36	12.62	173.6	5.492	33.27	0	0	0				
5:36	13.47	181.4	5.539	35.69	0	0	0		ORIGINAL		
5:36	12.77	155.7	5.523	38.1	0	0	0				
5:37	12.74	155.6	5.519	40.5	0	0	0				
5:37	12.91	157	5.55	42.92	0	0	0				
5:38	12.95	165.3	5.515	45.33	0	0	0				
5:38	14.11	188	5.519	47.73	0	0	0				
5:39	12.96	167.2	5.542	50.15	0	0	0				
5:39	13.44	168	5.489	52.56	0	0	0				
5:40	12.79	165.4	5.557	54.96	0	0	0				
5:40	13.02	161.4	5.523	57.38	0	0	0				
5:40	13.21	169.8	5.496	59.77	0	0	0				
5:41	12.84	157	5.556	62.18	0	0	0				
5:41	13.01	158.9	5.524	64.61	0	0	0				
5:42	12.85	166.5	5.503	67.01	0	0	0				
5:42	13.66	176.3	5.536	69.42	0	0	0				
5:43	12.97	161.6	5.518	71.83	0	0	0				
5:43	12.13	149.3	5.521	74.23	0	0	0				
5:43	13.34	174	5.502	76.64	0	0	0				
5:44	12.77	152.8	5.507	79.04	0	0	0				
5:44	13.15	161.5	5.534	81.45	0	0	0				
5:45	12.78	159	5.501	83.86	0	0	0				
5:45	12.97	163.9	5.543	86.26	0	0	0				
5:46	12.67	161.9	5.537	88.67	0	0	0				
5:46	12.88	165.1	5.497	91.08	0	0	0				
5:47	12.57	161.3	5.529	93.48	0	0	0				
5:47	12.83	162.9	5.473	95.88	0	0	0				
5:47	12.9	177.7	5.521	98.27	0	0	0				
5:48	12.49	167.2	5.518	100.7	0	0	0				
5:48	0	0	0	0	0	0	0		[CumVol]=77.49 bbl		
5:48	0	0	0	0	0	0	0		Reset Volume		
5:48	0	0	0	0	0	0	0		End Lead Slurry		
5:48	14.24	190.1	5.491	103.1	0	0	0				
5:48	0	0	0	0	0	0	0		Start Mixing Tail Slurry		
5:49	14.21	211.7	5.589	105.5	0	0	0				
5:49	14.36	199.2	5.57	107.9	0	0	0				
5:50	14.68	204.1	5.528	110.4	0	0	0				
5:50	14.97	208.4	5.561	112.8	0	0	0				
5:50	15.47	220.4	5.52	115.2	0	0	0				
5:51	14.52	196.6	5.572	117.6	0	0	0				
5:51	15.56	231.5	5.544	120	0	0	0				
5:52	14.78	201.8	5.548	122.5	0	0	0				
5:52	15.63	226.5	5.55	124.9	0	0	0				
5:53	14.44	193.8	5.558	127.3	0	0	0				
5:53	0	0	0	0	0	0	0		End Tail Slurry		

RECEIVED
 KANSAS CORP COIN
 1997 FEB 20 12:19

Well		Field			Service Date		Customer		Job Number	
F. A. THOMPSON #3		HUGOTON			10/1/97		MOBIL OIL CORP V39050073		20022108	
Time	Density	Pressure U1	Pump	Rezero				Message		
24 hr clock	ppg	psi	bpm	bbl						
5:53	0	0	0	0	0	0	0	[CumVol]=25.38 bbl		
5:53	0	0	0	0	0	0	0	Reset Volume		
5:53	0	0	0	0	0	0	0	Drop Top Plug		
5:53	0	0	0	0	0	0	0	Start Displacement		
5:53	0	0	0	0	0	0	0	[CumVol]=7504E-5 bbl		
5:53	0	0	0	0	0	0	0	Reset Volume		
5:53	13.93	29.34	1177E-5	127.8	0	0	0			
5:53	14	27.16	1214E-8	127.8	0	0	0			
5:54	14.05	23.53	1252E-11	127.8	0	0	0			
5:54	14.06	23.98	1291E-14	127.8	0	0	0			
5:55	14.07	22.91	1331E-17	127.8	0	0	0	ORIGINAL		
5:55	12.66	60.46	1.904	128.4	0	0	0			
5:56	9.566	94.19	2.378	129.7	0	0	0			
5:56	8.917	95.42	2.378	131.2	0	0	0			
5:57	8.574	94.8	2.39	132.6	0	0	0			
5:57	8.359	102	2.394	134.1	0	0	0			
5:57	8.277	145.8	2.373	135.7	0	0	0			
5:58	8.177	161.8	2.389	137.9	0	0	0			
5:58	8.192	173.4	2.358	140.1	0	0	0			
5:59	8.246	192.2	2.357	142.4	0	0	0			
5:59	8.27	208.3	2.355	144.6	0	0	0			
6:00	8.268	223.8	2.352	146.8	0	0	0			
6:00	8.256	236.7	2.351	149	0	0	0			
6:00	0	0	0	0	0	0	0	Returns at Surface ✓		
6:00	8.293	248.8	2.342	151.2	0	0	0			
6:01	8.306	264.9	2.817	153.4	0	0	0			
6:01	8.287	306.9	5.282	155.7	0	0	0			
6:02	0	0	0	0	0	0	0	Lower Pump Rate		
6:02	8.28	289.2	3.804	157.9	0	0	0			
6:02	8.325	262.4	2.676	159.3	0	0	0			
6:03	8.314	262.3	2.271	160.3	0	0	0			
6:03	8.287	271.5	2.265	161.3	0	0	0			
6:04	8.291	274.1	2.286	162.3	0	0	0			
6:04	8.285	756.6	1.209	163.2	0	0	0			
6:04	0	0	0	0	0	0	0	Bump Top Plug		
6:04	8.323	1056	125E-5	163.3	0	0	0			
6:05	8.333	659.9	129E-8	163.3	0	0	0			
6:05	8.343	446.2	133E-11	163.3	0	0	0			
6:06	8.323	442	1372E-15	163.3	0	0	0			
6:06	8.336	436.9	1415E-18	163.3	0	0	0			
6:07	8.328	428.8	1459E-21	163.3	0	0	0			
6:07	8.334	215.1	1505E-24	163.3	0	0	0			
6:07	0	0	0	0	0	0	0	End Job		

Returns at Surface ✓

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 MOBILE OIL CORP
 FEB 20 12:19

Well F. A. THOMPSON #3		Field HUGOTON		Service Date 10/1/97		Customer MOBIL OIL CORP V39050078		Job Number 20022108			
Time 24 hr clock	Density ppg	Pressure U1 psi	Pump bpm	Rezero bbl				Message			
Post Job Summary											
Average Pump Rates, bpm				Volume of Fluid Injected, bbl							
Slurry		N2		Mud		Maximum Rate		Total Slurry			
5						5.5		89			
Treating Pressure Summary, psi				Breakdown Fluid							
Maximum		Final		Average		Bump Plug to		Breakdown			
1056		1056		200		1056					
Avg. N2 Percent		Designed Slurry Volume		Displacement							
%		0 bbl		34 bbl							
Customer or Authorized Representative RUSSELL WORLEY				Dowell Supervisor Jeffrey Dutton				<input type="checkbox"/> CirculationLost		<input type="checkbox"/> Job Completed	

Cement Circulated to Surface? Volume 18 bbl
 Washed Thru Perfs To ft

16-661's
 47 5/45

ORIGINAL

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 KANSAS CORP COMM
 1998 FEB 20 12:19