

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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
8-23-97 8-26-97 9-24-97
Spud Date Date Reached TD Completion Date

API NO. 15- 189-221880000
County Stevens
SE - NW - SE Sec. 33 Twp. 33 Rge. 37 X W
1363 Feet from S/N (circle one) Line of Section
1644 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 Sherwood #2 Unit Well # 3
Field Name Hugoton
Producing Formation Chase
Elevation: Ground 3129 KB 3138
Total Depth 2912 PBTD 2870
Amount of Surface Pipe Set and Cemented at 642 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, 4-29-98 U.C.
(Data must be collected from the Reserve Pit) Red. 12-11-97
Chloride content 24,000 ppm Fluid volume 225 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: 5
Operator Name Mobil Oil Corporation
Lease Name _____ License No. 5208

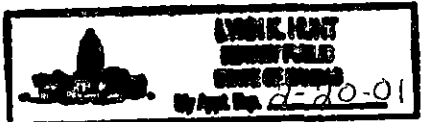
Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

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 12-10-97
Subscribed and sworn to before me this 10th day of December,
19 97.
Notary Public By: [Signature]
Date Commission Expires February 20, 2001
7-91.kcc

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



Operator Name Mobil Oil Corporation Lease Name Sherwood #2 Unit Well # 3
 Sec. 33 Twp. 33 Rge. 37 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 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#	642	Class C Class C	220 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2902	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				

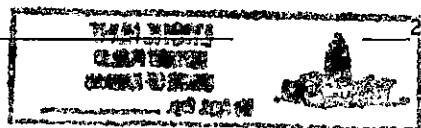
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2695-2710	Acid: 1,000 gals 7.5% HCL	
	2750-2765	Fract: 10,122 gals WF130 in 70q foam	
		100,000 lbs 16/30 sand	

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. 9-16-97	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 229 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 2695

Production Interval: 2765



Schlumberger
Dowell

Cementing Service Report

ORIGINAL

Customer: MOBIL OIL CORP-V390500757A
Job Number: 20015837

Well SHERWOOD #2 UNIT 3		Location (logal) 33, 33S, 37W		Dowell Location Ulysses, KS		Service Date 8/26/97			
Field HUGOTON		Formation Name/Type Dolomite		Deviation 0 °		Bit Size 7.88 in	Well MD 2,902 ft	Well TVD 2,902 ft	
County Stevens		State/Province KS		BHP 0 psi	BHST 0 °F	BHCT 0 °F	Poro Press. Gradient 0 psi/ft		
Rig Name NORSEMAN 2	Drilled For Gas	Service Via Land		Casing/Liner					
Water Depth	Well Class 101	Well Type Development		Depth, ft 2902	Size, in 5.5	Weight, lb/ft 14	Grade	Thread	
Drilling Fluid Type Bentonite	Max. Density 9.3 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 612 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection Single cement head		Perforations/Open Hole					
Service Instructions Cement and equipment to safely cement 5 1/2 longstring as per customer's request. Acct code 4903 location #62484 I.D. JLLASITE Field est				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	Total Interval 0 ft	
				Treat Down Casing	Displacement 70.2 bbl	Packer Type		Packer Depth 0 ft	
				Tubing Vol. 0 bbl	Casing Vol. 70.8 bbl	Annular Vol. 0 bbl		Open Hole Vol 0 bbl	
				Casing Tools	Squeeze Job				
				Shoe Type: Guide	Shoe Depth: 2902 ft	Stage Tool Type	Tool Depth: 0 ft	Tail Pipe Size: 0 in	
Lift Pressure: 612 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	No. Centralizers: 10	Top Plugs: 1	Bottom Plugs: 0	Cement Head Type: Single	Job Scheduled For: 8/26/97 2:00	Arrived on Location: 8/26/97 2:00	Leave Location:
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Shoe Type: Guide	Squeeze Type	Stage Tool Depth: 0 ft	Tail Pipe Depth: 0 ft	Collar Type: Auto-Fill	Collar Depth: 2861 ft	Sqz Total Vol: 0 bbl	
Time	CumVol	Density	Pressure Uf	TotFlowrate				Message	
24 hr clock	bbl	PPG	psi	bpm					
8:14	0	0	0	0	0	0	0	START ACQUISITION	
8:14	0	-6.25	-3756	0	0	0	0		
8:14	0	0	0	0	0	0	0	Pressure Test Lines	
8:15	.1863	8.356	1141	.1781	0	0	0		
8:15	.1985	8.318	2471	1135E-7	0	0	0		
8:16	0	0	0	0	0	0	0	Bleed Off Pressure	
8:16	.1991	8.356	2328	3658E-9	0	0	0		
8:16	.215	8.356	6.197	7201E-5	0	0	0		
8:17	.2753	8.356	6.958	.1413	0	0	0		
8:17	0	0	0	0	0	0	0	Start Pumping Water	
8:17	.7638	8.322	122.5	3.053	0	0	0		
8:18	3.25	8.293	200.6	5.481	0	0	0		
8:18	5.995	8.243	202.3	5.456	0	0	0		
8:19	8.727	8.212	206.4	5.478	0	0	0		
8:19	11.47	8.212	214.6	5.47	0	0	0		
8:20	14.36	8.209	217.5	5.458	0	0	0		
8:20	17.23	8.212	225.9	5.471	0	0	0		
8:21	19.97	8.214	231.7	5.467	0	0	0		
8:21	22.7	8.234	238.2	5.446	0	0	0		
8:22	25.43	8.27	247.1	5.441	0	0	0		
8:22	28.15	8.272	254.7	5.446	0	0	0		

Well			Field			Service Date		Customer		Job Number	
SHERWOOD #2 UNIT #3			HUGOTON			8/26/97		MOBIL OIL CORP V39050075		20015837	
Time	CumVol	Density	Pressure U1	TotFlowrate					Message		
24 hr clock	bbl	ppg	psi	bpm							
8:23	30.88	8.267	258.9	5.435	0	0	0				
8:23	33.62	8.246	266	5.473	0	0	0				
8:24	0	0	0	0	0	0	0		Reset Volume		
8:24	0	0	0	0	0	0	0		[CumVol]=34.72 bbl		
8:24	1.462	11.82	306.5	5.461	0	0	0				
8:24	0	0	0	0	0	0	0		Start Mixing Lead Slurry		
8:24	4.207	11.35	292.2	5.476	0	0	0				
8:25	6.955	11.43	282.4	5.489	0	0	0				
8:25	9.817	11.48	271.6	5.511	0	0	0				
8:26	12.58	11.6	257	5.526	0	0	0		ORIGINAL		
8:26	15.35	11.61	245.9	5.51	0	0	0				
8:27	18.12	11.52	231.1	5.526	0	0	0				
8:27	20.88	11.52	220.4	5.527	0	0	0				
8:28	23.65	11.58	211.3	5.526	0	0	0				
8:28	26.42	11.51	196.7	5.535	0	0	0				
8:29	29.2	11.55	183.8	5.536	0	0	0				
8:29	31.97	11.97	178.1	5.517	0	0	0				
8:30	34.75	11.36	160.4	5.563	0	0	0				
8:30	37.64	11.51	149.9	5.55	0	0	0				
8:31	40.43	11.77	145.2	5.565	0	0	0				
8:31	43.22	11.59	142.7	5.576	0	0	0				
8:32	46.02	11.28	138	5.584	0	0	0				
8:32	48.82	11.53	143.1	5.567	0	0	0				
8:33	51.61	11.44	142	5.578	0	0	0				
8:33	54.4	11.43	142	5.572	0	0	0				
8:34	57.2	11.45	142	5.569	0	0	0				
8:34	59.99	11.55	142.2	5.569	0	0	0				
8:35	62.78	11.63	144.2	5.571	0	0	0				
8:35	65.57	11.63	145.2	5.57	0	0	0				
8:36	68.46	11.46	142	5.558	0	0	0				
8:36	71.25	11.35	142	5.564	0	0	0				
8:37	74.04	11.34	142	5.565	0	0	0				
8:37	76.83	11.45	142	5.564	0	0	0				
8:38	79.62	11.36	142	5.565	0	0	0				
8:38	82.41	11.4	142.1	5.571	0	0	0				
8:39	85.2	11.42	142.2	5.572	0	0	0				
8:39	87.99	11.46	144.7	5.57	0	0	0				
8:40	90.78	11.46	146.1	5.567	0	0	0				
8:40	93.57	11.39	145.8	5.572	0	0	0				
8:41	96.47	11.28	142	5.571	0	0	0				
8:41	99.25	12.05	154.2	5.515	0	0	0				
8:42	102	11.43	147.9	5.575	0	0	0				
8:42	104.8	11.67	151.7	5.575	0	0	0				
8:43	107.6	11.39	119.4	4.75	0	0	0				
8:43	0	0	0	0	0	0	0		Reset Volume		
8:43	0	0	0	0	0	0	0		[CumVol]=108.5 bbl		
8:43	0	0	0	0	0	0	0		Start Mixing Tail Slurry		
8:43	.8944	13.58	96.77	3.809	0	0	0				
8:44	2.804	15.17	122	3.803	0	0	0				
8:44	4.716	15.19	123	3.813	0	0	0				
8:45	6.632	14.93	119.2	3.82	0	0	0				
8:45	8.549	15.08	121.2	3.817	0	0	0				
8:46	10.53	14.77	121.3	3.827	0	0	0				

Well		Field		Service Date		Customer		Job Number	
SHERWOOD #2 UNIT #3		HUGOTON		8/26/97		MOBIL OIL CORP V39050075		20015837	
Time	CumVol	Density	Pressure U1	TotFlowrate				Message	
24 hr. clock	bbbl	ppg	psi	bpm					
8:46	12.45	15.09	121.5	3.818	0	0	0		
8:47	14.36	14.87	123.7	3.817	0	0	0		
8:47	16.27	14.7	118.3	3.81	0	0	0		
8:48	18.18	14.91	118.2	3.793	0	0	0	ORIGINAL	
8:48	20.08	15.05	123.6	3.807	0	0	0		
8:49	22	14.61	115.8	3.832	0	0	0		
8:49	23.27	14.58	16.99	.1398	0	0	0		
8:50	0	0	0	0	0	0	0	Shutdown	
8:50	0	0	0	0	0	0	0	Reset Volume	
8:50	0	0	0	0	0	0	0	[CumVol]=23.28 bbl	
8:54	2181E-9	8.642	13.74	.1692	0	0	0		
8:54	0	0	0	0	0	0	0	Drop Top Plug	
8:54	0	0	0	0	0	0	0	Start Displacement	
8:55	.1001	8.436	18.49	.5095	0	0	0		
8:55	2.055	8.66	113.1	5.651	0	0	0		
8:56	4.923	8.53	114.1	5.727	0	0	0		
8:56	7.795	8.38	105.3	5.758	0	0	0		
8:57	10.79	8.371	105.3	5.748	0	0	0		
8:57	13.68	8.356	105.3	5.756	0	0	0		
8:58	16.56	8.381	105.3	5.752	0	0	0		
8:58	19.44	8.401	105.3	5.74	0	0	0		
8:59	22.31	8.396	104.7	5.73	0	0	0		
8:59	25.19	8.393	105	5.753	0	0	0		
9:00	28.08	8.409	103.7	5.755	0	0	0		
9:00	30.96	8.411	104.4	5.742	0	0	0		
9:01	33.82	8.425	158.4	5.692	0	0	0		
9:01	36.67	8.443	183	5.672	0	0	0		
9:02	39.52	8.425	207.3	5.689	0	0	0		
9:02	42.37	8.437	232.7	5.678	0	0	0		
9:03	45.21	8.426	273	5.667	0	0	0		
9:03	48.04	8.417	329.9	5.649	0	0	0		
9:04	50.87	8.423	379.9	5.6	0	0	0		
9:04	53.68	8.452	444.4	5.607	0	0	0		
9:05	56.48	8.455	502.3	5.597	0	0	0		
9:05	59.28	8.455	561.2	5.583	0	0	0		
9:05	0	0	0	0	0	0	0	Lower Pump Rate	
9:06	61.8	8.397	519.7	3.394	0	0	0		
9:06	63.02	8.219	508.6	2.13	0	0	0		
9:07	64.08	8.179	527.2	2.079	0	0	0		
9:07	65.12	8.146	549	2.057	0	0	0		
9:08	66.19	8.174	557.6	2.044	0	0	0		
9:08	67.21	8.18	575.3	2.027	0	0	0		
9:09	68.21	8.169	586.4	1.992	0	0	0		
9:09	69.2	8.137	601.2	1.965	0	0	0		
9:09	0	0	0	0	0	0	0	Psi. check	
9:10	70.18	8.143	671.4	1.847	0	0	0		
9:10	0	0	0	0	0	0	0	Bump Top Plug	
9:10	70.33	4.133	1100	1181E-6	0	0	0		
9:10	0	0	0	0	0	0	0	Bleed Off Pressure	
9:11	70.33	2.971	640.4	4228E-10	0	0	0		
9:11	70.34	2.17	27.4	8277E-6	0	0	0		
9:12	70.34	1.679	27.48	2923E-9	0	0	0		
9:12	70.34	1.322	27.48	1047E-12	0	0	0		

Well SHERWOOD #2 UNIT #3		Field HUGOTON			Service Date 8/26/97		Customer MOBIL OIL CORP V39050075		Job Number 20015837	
Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm				Message		
9:12	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	5.7	132	0	35	0			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density			
612	1100	200	0	0		0 bbl	0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To			bbl		
0 %	0 bbl		69.8 bbl		0 ft					
Customer or Authorized Representative Jeff Lasiter				Dowell Supervisor Charley King				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		

ORIGINAL



Cementing Service Report

ORIGINAL

Customer MOBIL OIL CORP-V390500757A	Job Number 20015835
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Well SHERWOOD UNIT #2 3		Location (legal) 33, 33S, 37W		Dowell Location Ulysses, KS		Service Date 8/22/97		
Field HUGOTON		Formation Name/Type Dirty-Sandstone		Deviation 0 °	Bit Size 12.3 in	Well MD 642 ft	Well TVD 647 ft	
County STEVENS		State/Province KANSAS		BHP 0 psi	BHST 0 °F	BHCT 0 °F	Poro Press. Gradient 0 psi/ft	
Rig Name	Drilled For Gas	Service Via Land		Casing/Liner				
Water Depth	Well Class 101	Well Type Development		Depth, ft 642	Size, in 8.625	Weight, lb/ft 24	Grade 8R	
Drilling Fluid Type Bentonite	Max. Density 9.3 lb/gal	Plastic Viscosity 0 cp		Tubing/Drill Pipe				
Service Line Cementing	Job Type Cem Surface Casing		Depth, ft 0	Size, in	Weight, lb/ft	Grade	Thread	
Max. Allowed Tubing Pressure 0 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection Single cement head		Perforations/Open Hole				
Service Instructions CEMENT & EQUIPMENT TO SAFELY CEMENT 8 5/8 SURFACE CASING AS PER CUSTOMER'S REQUEST ACC CODE:4903 LOCATION #62484 I.D. JLLASITE Field Est. \$4907.84 with tax				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	Total Interval 0 ft
				0	0	0	0	Diameter 0 in
				0	0	0	0	0
				Treat Down Casing	Displacement 39.1 bbl	Packer Type	Packer Depth 0 ft	
				Tubing Vol. 0 bbl	Casing Vol. 41.8 bbl	Annular Vol. 0 bbl	Open Hole Vol. 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: 250 psi		Pipe Rotated <input type="checkbox"/>		Pipe Recirculated <input type="checkbox"/>		Shoe Type: Guide	Squeeze Type	
No. Centralizers: 4	Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 642 ft	Tool Type:			
Cement Head Type: Single		Job Scheduled For: 8/23/97 22:30		Arrived on Location: 8/23/97 22:30		Leave Location:		
Stage Tool Type	Stage Tool Depth: 0 ft	Tool Depth: 0 ft	Collar Type: Other					
Collar Depth: 599 ft	Sqz Total Vol: 0 bbl	Tall Pipe Size: 0 in	Tall Pipe Depth: 0 ft					
Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm			Message	
1:08	0	0	0	0	0	0	START ACQUISITION	
1:08	0	.5876	-9.141	0	0	0		
1:08	0	0	0	0	0	0	Pressure Test Lines	
1:09	0	.6341	-7.783	0	0	0		
1:10	.2289	.6122	1679	1752E-7	0	0		
1:10	0	0	0	0	0	0	Reset Volume	
1:10	0	0	0	0	0	0	[CumVol]=.2289 bbl	
1:11	0	0	0	0	0	0	Start Pumping Water	
1:11	1698E-13	.5964	-9.797	9112E-13	0	0		
1:11	1.585	8.491	111.6	5.564	0	0		
1:12	5.882	8.516	107.1	5.592	0	0		
1:13	10.18	8.516	93.58	5.592	0	0		
1:14	14.4	8.516	81.87	5.596	0	0		
1:14	18.7	8.516	86.46	5.605	0	0		
1:15	22.99	8.508	99.29	5.598	0	0		
1:16	0	0	0	0	0	0	[CumVol]=24.86 bbl	
1:16	0	0	0	0	0	0	Reset Volume	
1:16	0	0	0	0	0	0	Start Mixing Lead Slurry	
1:16	2.243	11.25	135	5.591	0	0		
1:17	6.54	13.33	205.7	5.591	0	0		
1:18	10.84	13.46	191.6	5.588	0	0		

Well		Field			Service Date		Customer		Job Number	
SHERWOOD UNIT #2 #3		HUGOTON			8/22/97		IOBIL OIL CORP V39050075		20015835	
Time	CumVol	Density	Pressure U1	TotFlowrate				Message		
24 hr clock	bbbl	ppg	psi	bpm						
1:18	15.05	12.73	168.1	5.592	0	0	0			
1:19	19.35	13.45	155.4	5.59	0	0	0	ORIGINAL		
1:20	23.65	13.22	143.5	5.591	0	0	0			
1:21	27.95	12.99	145.5	5.593	0	0	0			
1:21	32.24	12.76	138.6	5.585	0	0	0			
1:22	36.54	12.98	140.8	5.601	0	0	0			
1:23	40.84	12.92	135.8	5.592	0	0	0			
1:24	45.29	12.89	134.6	5.596	0	0	0			
1:24	49.54	12.68	125.4	5.592	0	0	0			
1:25	53.84	12.67	128.2	5.593	0	0	0			
1:26	58.14	12.79	128	5.593	0	0	0			
1:27	62.44	12.85	131.1	5.59	0	0	0			
1:28	66.74	12.79	131.5	5.585	0	0	0			
1:28	71.03	13.02	130.5	5.588	0	0	0			
1:29	75.25	12.92	123	5.584	0	0	0			
1:29	0	0	0	0	0	0	0	Reset Volume		
1:29	0	0	0	0	0	0	0	[CumVol]=77.31 bbl		
1:30	2.056	14.88	142.4	5.587	0	0	0			
1:30	0	0	0	0	0	0	0	Start Mixing Tail Slurry		
1:31	6.353	14.99	201.5	5.592	0	0	0			
1:31	10.65	15.47	213.5	5.592	0	0	0			
1:32	14.95	14.64	174	5.59	0	0	0			
1:33	19.25	14.71	175.6	5.592	0	0	0			
1:34	23.54	14.61	159	5.588	0	0	0			
1:34	27.76	14.75	170.8	5.592	0	0	0			
1:35	32.06	15.15	168.1	5.592	0	0	0			
1:36	0	0	0	0	0	0	0	Shutdown		
1:36	34.91	12.44	-11.67	5134E-5	0	0	0			
1:36	0	0	0	0	0	0	0	Reset Volume		
1:36	0	0	0	0	0	0	0	[CumVol]=34.91 bbl		
1:36	0	0	0	0	0	0	0	Drop Top Plug		
1:36	0	0	0	0	0	0	0	Start Displacement		
1:37	1029E-7	12.41	-11.99	267E-9	0	0	0			
1:37	103E-6	12.4	-9.252	1388E-15	0	0	0			
1:38	103E-6	12.41	-11.48	7218E-21	0	0	0			
1:39	2.278	9.617	71.78	5.69	0	0	0			
1:40	6.668	8.623	67.72	5.697	0	0	0			
1:41	11.06	8.517	102.3	5.709	0	0	0			
1:41	15.45	8.516	129.7	5.723	0	0	0			
1:42	19.84	8.509	159.8	5.719	0	0	0			
1:43	24.19	4.953	190	5.596	0	0	0			
1:43	0	0	0	0	0	0	0	Returns at Surface		
1:44	28.49	.4237	212.4	5.588	0	0	0			
1:44	0	0	0	0	0	0	0	Lower Pump Rate		
1:44	32.55	.3765	198.3	4.084	0	0	0			
1:45	34.44	.3698	184.8	2.196	0	0	0			
1:46	36.12	.378	198.8	2.173	0	0	0	Bump Top Plug		
1:47	37.78	.3828	210.4	2.161	0	0	0			
1:47	0	0	0	0	0	0	0	Bleed Off Pressure		
1:47	38.74	.3691	1013	7014E-6	0	0	0			
1:48	38.74	.3426	1021	3647E-11	0	0	0			
1:49	38.74	.3408	872.2	1896E-16	0	0	0			
1:50	38.74	.351	118.7	9862E-22	0	0	0			

Well SHERWOOD UNIT #2 #3		Field HUGOTON			Service Date 8/22/97		Customer MOBIL OIL CORP V39050075		Job Number 20015835	
Time	CumVol	Density	Pressure U1	TotalFlowrate				Message		
24 hr clock	bbbl	ppg	psi	bpm						
1:51	38.77	.3537	278.5	3444E-8	0	0	0	ORIGINAL		
1:51	38.77	.35	287	1791E-13	0	0	0			
1:52	38.77	.3569	290.3	9312E-19	0	0	0			
1:53	0	0	0	0	0	0	0	Psi. check		
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	112	0	25	0			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density			
255	1024	150	0	0		0 bbl	0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <i>13 bbls</i> bbl <input type="checkbox"/> Washed Thru Perfs To <i>595 ft</i> ft						
0 %	0 bbl	38.6 bbl								
Customer or Authorized Representative Jeff Lassiter				Dowell Supervisor Charley King				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		