

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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
6-30-97 7-3-97 7-11-97  
Spud Date Date Reached TD Completion Date

ORIGINAL

API NO. 15- 189-221840000 **ORIGINAL**  
County Stevens  
NE - SW - SW Sec. 1 Twp. 33S Rge. 35 X W  
1250 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 Mallory A1 Unit Well # 2  
Field Name Hugoton  
Producing Formation Chase  
Elevation: Ground 2939 KB 2949  
Total Depth 3087 PBTB 2776  
Amount of Surface Pipe Set and Cemented at 601 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. 5-8-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 23,000 ppm Fluid volume 200 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. \_\_\_\_\_

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 10-16-97

Subscribed and sworn to before me this 16th day of October, 19 97.

Notary Public Lydia K. Hunt

Date Commission Expires 2-20-01  
7-73.kcc

K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
Distribution  
 SWD/Rep  NGPA  
 Plug  Other (Specify)  
KCCG  
KGS  
CONSERVATION DIVISION  
Wichita, Kansas

2-10-98

LYDIA HUNT  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 2-20-01

Operator-Name Mobil Oil Corporation Lease Name Mallory A1 Unit Well # 2  
 Sec. 1 Twp. 33S 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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run:  
 Array Induction Micro/Resistivity/GR  
 Compensated Neutron Litho/Density/GR  
 Spectroscopy Gamma Ray

Log Formation (Top), Depth and Datums		Sample
Name	Top	Datum
Glorietta	1208	1353
Stone Corral	1680	1720
Chase	2633	2970
Council Grove	2970	--

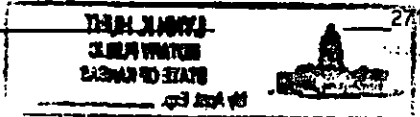
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	601	Class C Class C	200 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	3077	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	2748-2752	Acid: 1,000 gals 7.5% HCL	
	2697-2717	Fract: 12,792 gals WF130 in 70q foam	
		82,140 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)			
7-31-97				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		43		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval: 2748  
 Other (Specify) \_\_\_\_\_





# Cementing Service Report

Customer: MOBIL OIL CORP. V390500757A      Job Number: 20005489

Well: Mallory A1 #2		Location (legal): Sec. 1-33S-35W		Dowell Location: Ulysses, KS		Service Date: 6/30/97	
Field: Hugoton		Formation Type: Shale		Deviation: 0 °		Well MD: 605 ft	
County: Stevens		State/Province: Kansas		BHP: 0 psi		Well TVD: 605 ft	
Rig Name: Norseman #2		Drilled For: Gas		Service Via: Land		Casing/Liner	
Water Depth: 0		Well Class: 101		Well Type: Development		Depth, ft: 0	
Drilling Fluid Type: Bentonite		Max. Density: 9.6 lb/gal		Plastic Viscosity: 31 cp		Size, in: 8.63	
Service Line: Cementing		Job Type: Cem Surface Casing		Wellhead Connection: Single cement head		Weight, lb/ft: 24	
Max. Allowed Tubing Pressure: 1000 psi		Max. Allowed Ann. Pressure: 400 psi		Wellhead Connection: Single cement head		Grade: US50	
Service Instructions: Safely deliver & perform Surface Cement Treatment with materials & equipment listed below. Per clients instructions.						Thread: 8rd	
ORIGINAL						Tubing/Drill Pipe	
						Depth, ft: 0	
						Size, in: 0	
						Weight, lb/ft: 0	
						Grade: 0	
						Thread: 0	
						Perforations/Open Hole	
						Top, ft: 0	
						Bottom, ft: 0	
						spf: 0	
						No. of Shots: 0	
						Total Interval: 0 ft	
						Diameter: 0 in	
						Packer Depth: 0 ft	
						Open Hole Vol: 0 bbl	
						Job	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>					
Lift Pressure: 250 psi		Pipe Reciprocated <input type="checkbox"/>		Stage To: 0 ft			
Pipe Rotated <input type="checkbox"/>		Top Plugs: 1		Bottom Plugs: 0			
No. Centralizers: 5		Cement Head Type: Single		Stage To: 0 in			
Job Scheduled For: 6/30/97 20:15		Arrived on Location: 6/30/97 20:00		Leave Location: 6/30/97		Collar Type: Other	
						Tail Pipe Depth: 0 ft	
						Collar Depth: 555 ft	
						Sqz Total Vol: 0 bbl	
						Treat Down	
						Tubing	
						Hugoton 103 + 8	

Time	CumVol	Density	Pressure U1	Reset Volume	Total Flowrate	Message	
24 hr clock	bbl	ppg	psi	bbl	bpm		
20:53	0	0	0	0	0	0	START ACQUISITION
20:53	0	-6.25	-3976	0	0	0	
20:54	0	8.028	-209	0	0	0	
20:54	0	8.021	-209.3	0	0	0	
20:55	0	8.021	-208.7	0	0	0	
20:55	0	8.022	-208.8	0	0	0	
20:56	0	8.024	-209.3	0	0	0	
20:56	0	8	-211.1	0	0	0	
20:57	.1922	7.998	-64.52	.1922	.4158	0	
20:57	.2297	7.951	1113	.2297	2621E-7	0	
20:58	.2297	7.951	-216.5	.2297	9384E-11	0	
20:58	0	0	0	0	0	0	Start Pumping Water
20:58	.2297	7.906	-217.8	.2297	336E-13	0	
20:59	1.709	8.027	-131.2	1.709	5.67	0	
20:59	4.588	8.028	-134.5	4.588	5.711	0	RECEIVED STATE CORPORATION COMMISSION
21:00	7.457	8.038	-136.8	7.457	5.718	0	
21:00	10.33	8.066	-136.5	10.33	5.718	0	FILED 10 1990
21:01	13.2	8.072	-139.7	13.2	5.706	0	
21:01	16.09	8.074	-142.7	16.09	5.707	0	
21:02	18.96	8.074	-135.4	18.96	5.711	0	CONSERVATION DIVISION Wichita, Kansas
21:02	21.83	8.069	-130.6	21.83	5.717	0	

Well	Mallory #A1 #2		Field	Hugoton		Service Date	Customer	Job Number
						6/30/97	MOBIL OIL CORP V39050075	20005489
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate			Message
24 hr clock	bbl	ppg	psi	bbl	bpm			
21:03	24.71	8.231	-123.7	24.71	5.717	0	0	
21:03	0	0	0	0	0	0	0	[Reset Volume]=0 bbl
21:03	0	0	0	0	0	0	0	Start Mixing Lead Slurry
21:03	27.58	11.12	-61.77	2.489	5.71	0	0	
21:04	30.46	13.1	18.42	5.372	5.711	0	0	
21:04	33.33	12.79	-3.929	8.244	5.711	0	0	
21:05	36.21	12.67	-16.74	11.12	5.712	0	0	
21:05	39.08	13.26	-7.285	13.99	5.708	0	0	
21:06	41.95	12.91	-40.41	16.86	5.709	0	0	
21:06	44.84	12.9	-39.84	19.75	5.711	0	0	
21:07	47.71	12.97	-41.45	22.62	5.711	0	0	
21:07	50.58	12.89	-45.96	25.49	5.71	0	0	ORIGINAL
21:08	53.45	12.63	-58.23	28.37	5.711	0	0	ORIGINAL
21:08	56.33	13.15	-41.83	31.24	5.708	0	0	
21:09	59.21	12.98	-54.97	34.12	5.709	0	0	
21:09	62.08	13.14	-42.45	37	5.709	0	0	
21:10	64.96	12.91	-54.56	39.87	5.711	0	0	
21:10	67.83	12.79	-57.29	42.74	5.712	0	0	
21:11	70.7	12.79	-61.98	45.61	5.711	0	0	
21:11	73.59	12.77	-66.71	48.5	5.712	0	0	
21:12	76.46	13.15	-54.32	51.37	5.717	0	0	
21:12	79.33	13.08	-56.93	54.24	5.708	0	0	
21:13	82.2	13.97	-46.97	57.11	5.705	0	0	
21:13	85.08	11.95	-91.08	59.99	5.71	0	0	
21:14	0	0	0	0	0	0	0	[Reset Volume]=0 bbl
21:14	0	0	0	0	0	0	0	Start Mixing Tail Slurry
21:14	87.96	14.77	-23.33	2.021	5.709	0	0	
21:14	90.78	15.48	59.09	4.839	5.583	0	0	
21:15	93.59	15.17	43.07	7.652	5.592	0	0	
21:15	96.4	14.49	8.074	10.46	5.592	0	0	
21:16	99.21	14.48	-5.982	13.28	5.585	0	0	
21:16	102	14.72	1.106	16.1	5.591	0	0	
21:17	104.8	14.99	17.77	18.91	5.592	0	0	
21:17	107.7	14.51	3.159	21.72	5.591	0	0	
21:18	110.5	14.98	3.136	24.54	5.592	0	0	
21:18	113.3	14.34	-26.01	27.35	5.605	0	0	
21:19	116.1	12.27	-84.51	30.17	5.601	0	0	
21:19	116.7	11.33	-214.4	30.71	4438E-6	0	0	
21:20	116.7	11.35	-206.5	30.71	1589E-9	0	0	
21:20	117.9	10.48	-138.3	32	5.457	0	0	
21:21	120.8	8.411	-165.8	34.86	5.711	0	0	
21:21	123.7	8.14	-155.9	37.74	5.711	0	0	
21:22	0	0	0	0	0	0	0	[Reset Volume]=9 bbl
21:22	126.5	8.057	-132	10.91	5.709	0	0	
21:22	129.4	8.028	-110.6	13.78	5.71	0	0	
21:23	132.3	8.01	-92.24	16.66	5.707	0	0	RECEIVED
21:23	135.1	7.982	-66.14	19.47	5.589	0	0	STATE CORPORATION COMMISSION
21:24	137.9	8.001	-38.24	22.29	5.588	0	0	
21:24	140.7	8.008	-7.601	25.1	5.592	0	0	REC'D 4 0 1997
21:25	143.5	8.027	10.11	27.91	5.592	0	0	
21:25	146.4	7.993	28.25	30.72	5.592	0	0	
21:26	148.7	7.923	-30.33	33.03	2.454	0	0	CONSERVATION DIVISION
21:26	149.7	7.905	-21.25	34.1	2.05	0	0	WISCONSIN

Well		Field				Service Date		Customer		Job Number	
Mallory #A1 #2		Hugoton				6/30/97		MOBIL OIL CORP V39050075		20005489	
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate	Message					
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
21:27	150.8	7.887	-15.45	35.12	2.03	0	0				
21:27	151.8	7.902	-4.656	36.14	2.013	0	0				
21:28	152.8	7.906	64.29	37.14	1.897	0	0				
21:28	152.9	7.852	625.7	37.29	9763E-7	0	0				
21:29	152.9	7.819	643.6	37.29	3495E-10	0	0				
21:29	152.9	7.8	650.9	37.29	1251E-13	0	0				
21:30	152.9	7.778	277.8	37.29	448E-16	0	0				
21:30	152.9	7.778	93.07	37.29	1604E-20	0	0				
Post Job Summary											
Average Pump Rates, bpm						Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate			Lead Slurry	Tail Slurry	Mud	Spacer	N2	
5.5	0	0	5.5			90	90	0	0	0	
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density			
750	750	200	0	0		0 bbl		0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement			<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To					
0 %	0 bbl		35.5 bbl			ORIGINAL 5 bbl 153 lbs					
Customer or Authorized Representative				Dowell Supervisor				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			
Jeff Lasiter				BRAWLEY DAVID							

RECEIVED  
STATE CORPORATION COMMISSION

FEB 10 1998

CONSERVATION DIVISION  
Wichita, Kansas



# Cementing Service Report

Customer: MOBIL OIL CORP V330000757A Job Number: 20005726

Well: Mallory A 1#2		Location (Legal): Sec 1-33S-35W		Dowell Location: Ulysses, KS		Service Date: 7/3/97		
Field: Hugoton		Formation Type: Dolomite		Deviation: 0	BS Size: 7.88 in	Well MD: 3,087 ft	Well TVD: 3,087 ft	
County: Stevens		State/Province: Kansas		BHP: 0 psi	BHST: 0°F	BHCT: 0°F	Perf 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: 3067	Size, in: 5.5	Weight, lb/ft: 14	Grade: 0	
Drilling Fluid Type: Bentonite	Max. Density: 9.2 lb/gal	Plastic Viscosity: 36 cp		Tubing/Drill Pipe				
Service Line: Cementing	Job Type: Cem Prod Casing		Depth, ft: 0		Size, in: 0	Weight, lb/ft: 0	Grade: 0	
Max. Allowed Tubing Pressure: 2500 psi	Max. Allowed Ann. Pressure: 0 psi	Wellhead Connection: Single cement head		Perforations/Open Hole				
Service Instructions: Safety cement production casing as directed by customer.  <b>ORIGINAL</b>				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: 73.8 bbl	Packer Type:		Packer Depth: 0 ft
				Tubing Vol: 0 bbl	Casing Vol: 74.8 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 type="checkbox"/>		Casing Tools		Squeeze Job			
Lift Pressure: 1812 psi	Pipe Retired: <input type="checkbox"/>		Pipe Re-processed: <input type="checkbox"/>		Shoe Type: Guide	Squeeze Type:		
No. Centralizers: 0	Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 3077 ft	Tool Type:			
Cement Head Type: Single	Job Scheduled For: 7/3/97 15:00		Arrived on Location: 7/3/97 3:00:00 PM		Stage Tool Type:	Tool Depth: 0 ft		
		Leave Location: 7/3/97 3:00:00 PM		Stage Tool Depth: 0 ft	Tail Pipe Size: 0 in			
				Collar Type: Auto-Fill	Tail Pipe Depth: 0 ft			
				Collar Depth: 3031 ft	Sqz Total Vol: 0 bbl			
Time	CumVol	Density	Pressure	Flow Rate	Message			
24 hr clock	bbl	PPG	psi	lbm				
18:47	0	8.25	3704	0				
18:47	0	0	0	0	Pressure Test Lines			
18:48	2449	7.884	697.7	.236				
18:48	2735	7.893	3121	3235E-6				
18:49	2753	7.891	829.3	1147E-8				
18:49	2753	7.879	5.06	4106E-12				
18:50	0	0	0	0	Start Pumping Water			
18:50	2753	7.891	1.738	147E-14				
18:50	0	0	0	0	[CumVol]=.2781 bbl			
18:50	0	0	0	0	Reset Volume			
18:50	1.793	8.091	255.5	5.567	STATE COMMISSION			
18:51	4.616	8.092	260.6	5.592				
18:51	7.428	8.094	264.5	5.592				
18:52	10.24	8.101	267.3	5.592				
18:52	13.05	8.067	269.1	5.6				
18:53	15.87	8.085	272	5.591				
18:53	18.69	8.045	278.5	5.592				
18:54	21.5	8.054	279.6	5.584				
18:54	24.31	7.988	287	5.583				
18:55	27.12	8.007	293.8	5.562				
18:55	29.93	8.044	393.2	5.591				

Well			Field			Service Date		Customer		Job Number	
Mallory #A 1# 2			Hugoton			7/3/97		MOBIL OIL CORP V39050079		20005728	
Time	CumVol	Density	Pressure	TempRate					Message		
24-hr Clock	bbbl	ppg	psi	ppm							
18:56	32.76	8.059	332.5	5.597	0	0	0				
18:56	35.57	8.094	312.5	5.592	0	0	0				
18:56	0	0	0	0	0	0	0		Start Mixing Lead Slurry		
18:57	0	0	0	0	0	0	0		[CumVol]=37.07 bbl		
18:57	0	0	0	0	0	0	0		Reset Volume		
18:57	1.218	11.45	360.1	5.59	0	0	0				
18:57	4.029	11.29	352.6	5.592	0	0	0				
18:58	6.853	11.38	329.7	5.595	0	0	0				
18:58	9.665	11.45	314.8	5.593	0	0	0				
18:59	12.48	11.57	300.8	5.592	0	0	0				
18:59	15.29	11.6	277.8	5.592	0	0	0				
19:00	18.1	11.58	269.8	5.59	0	0	0				
19:00	20.92	11.54	248.6	5.592	0	0	0				
19:01	23.74	11.57	232.2	5.592	0	0	0		ORIGINAL		
19:01	26.56	11.77	221.3	5.702	0	0	0				
19:02	29.4	11.83	205.5	5.594	0	0	0				
19:02	32.21	11.81	186.4	5.592	0	0	0				
19:03	35.04	11.71	165.1	5.592	0	0	0				
19:03	37.85	11.75	149.6	5.592	0	0	0				
19:04	40.66	11.68	137.3	5.601	0	0	0				
19:04	43.47	11.82	132	5.592	0	0	0				
19:05	46.29	11.65	125.9	5.592	0	0	0				
19:05	49.11	11.62	137.1	5.59	0	0	0				
19:06	51.92	11.57	133.6	5.59	0	0	0				
19:06	54.73	11.57	131.5	5.59	0	0	0				
19:07	57.54	11.64	136.5	5.592	0	0	0				
19:07	60.36	11.65	137	5.592	0	0	0				
19:08	63.18	11.66	134.6	5.586	0	0	0				
19:08	65.99	11.67	139.3	5.592	0	0	0				
19:09	68.8	11.66	134.5	5.587	0	0	0				
19:09	71.61	11.65	134.2	5.581	0	0	0				
19:10	74.42	11.66	138	5.592	0	0	0				
19:10	77.25	11.58	135.3	5.592	0	0	0				
19:11	80.06	11.65	137.2	5.592	0	0	0				
19:11	82.87	11.68	138.9	5.592	0	0	0				
19:12	85.68	11.7	136.9	5.592	0	0	0				
19:12	88.5	11.78	135.5	5.591	0	0	0				
19:13	91.32	11.74	129.1	5.592	0	0	0				
19:13	94.13	10.98	118.2	5.584	0	0	0				
19:14	0	0	0	0	0	0	0		Start Mixing Tail Slurry		
19:14	96.94	12.05	124.2	5.59	0	0	0				
19:14	0	0	0	0	0	0	0		00		
19:14	0	0	0	0	0	0	0		[CumVol]=97.69 bbl		
19:14	0	0	0	0	0	0	0		Reset Volume RECEIVED		
19:14	1.968	14.26	222.8	5.59	0	0	0		CONSERVATION DIVISION		
19:15	4.777	14.17	234.6	5.586	0	0	0		FEB 10 1998		
19:15	7.6	14.69	211.7	5.594	0	0	0				
19:16	10.41	14.32	232.2	5.602	0	0	0				
19:16	13.22	14.79	252.1	5.591	0	0	0		CONSERVATION DIVISION		
19:17	16.03	15.03	253.1	5.586	0	0	0		Wichita, Kansas		
19:17	18.84	15.11	258	5.591	0	0	0				
19:18	21.67	14.67	239.4	5.601	0	0	0				
19:18	22.82	13.62	2913	2384E-5	0	0	0				

Well		Field				Service Date	Customer	Job Number
Malory #A 1#2		Hugoton				7/3/97	IOBIL OIL CORP V39050074	20005728
Time	CumVol	Density	Pressure	TopFlowrate				Message
24 hr clock	bbbl	ppg	psi	gpm				
19:19	0	0	0	0	0	0	0	Shutdown
19:19	22.82	13.65	1011E-5	8534E-9	0	0	0	
19:19	0	0	0	0	0	0	0	Shutdown
19:19	0	0	0	0	0	0	0	PAUSE ACQUISITION
19:25	0	0	0	0	0	0	0	RESTART AFTER PAUSE
19:25	22.82	7.906	-8899	5319E-25	0	0	0	
19:25	0	0	0	0	0	0	0	Bump Top Plug
19:25	0	0	0	0	0	0	0	Start Displacement
19:25	0	0	0	0	0	0	0	[CumVol]=22.82 bbl
19:25	0	0	0	0	0	0	0	Reset Volume
19:26	3167E-28	7.891	4.315	1904E-28	0	0	0	
19:26	.6233	7.878	-6.419	1.977	0	0	0	
19:27	.8529	7.851	6.432	2526E-6	0	0	0	
19:27	.8531	7.868	15.97	6941E-10	0	0	0	
19:28	.91	7.865	31.79	1.715	0	0	0	
19:28	3.375	8.146	76.08	5.589	0	0	0	
19:29	6.188	8.057	69.67	5.592	0	0	0	
19:29	9	7.994	71.41	5.592	0	0	0	
19:30	11.82	7.944	68.12	5.592	0	0	0	ORIGINAL
19:30	14.64	7.913	61.91	5.599	0	0	0	
19:31	17.45	7.946	67.73	5.592	0	0	0	
19:31	20.26	7.972	68.17	5.592	0	0	0	
19:32	23.07	7.939	115.9	5.597	0	0	0	
19:32	25.89	7.875	143.1	5.583	0	0	0	
19:33	28.71	7.865	158.5	5.582	0	0	0	
19:33	31.52	7.8	179.5	5.592	0	0	0	
19:34	34.33	7.775	205.7	5.591	0	0	0	
19:34	37.14	7.802	227.3	5.592	0	0	0	
19:35	39.96	7.816	259.4	5.592	0	0	0	
19:35	42.77	7.851	291.3	5.59	0	0	0	
19:36	45.58	7.768	322.6	5.592	0	0	0	
19:36	48.39	7.792	367.6	5.592	0	0	0	
19:37	51.2	7.659	540.5	5.613	0	0	0	
19:37	54.02	7.738	372.3	5.591	0	0	0	
19:38	56.84	7.776	430	5.589	0	0	0	
19:38	59.65	7.729	488	5.592	0	0	0	
19:39	62.46	7.604	658.6	5.591	0	0	0	
19:39	65.27	7.49	639.5	5.589	0	0	0	
19:39	0	0	0	0	0	0	0	Lower Pump Rate
19:40	66.95	6.67	551.6	1.987	0	0	0	
19:40	67.94	6.434	576.3	1.972	0	0	0	
19:41	68.93	6.058	584.9	1.97	0	0	0	
19:41	69.92	5.562	585.1	1.965	0	0	0	
19:42	70.91	4.896	600.8	1.964	0	0	0	
19:42	71.9	4.441	614	1.965	0	0	0	
19:43	72.89	3.763	607.8	1.971	0	0	0	
19:43	73.88	2.984	619	1.963	0	0	0	
19:44	74.87	.2535	631.3	1.964	0	0	0	
19:44	0	0	0	0	0	0	0	Bump Top Plug
19:44	75.2	-4029E-5	1079	4546E-6	0	0	0	
19:44	0	0	0	0	0	0	0	Shutdown
19:44	0	0	0	0	0	0	0	Bleed Off Pressure
19:45	75.2	-4249E-5	1080	1629E-9	0	0	0	



Well		Field			Service Date		Customer		Job Number	
Mallory #A 1# 2		Hugoton			7/3/97		MOBIL OIL CORP V3905007		20005726	
Time	Conc/Wel	Depth	Pressure	Total Flowrate				Message		
24 hr Clock	bbl	PPH	psi	bpm						
19:45	75.2	-5273E-5	926.8	5831E-13	0	0	0			
19:46	75.2	-6101E-5	10.43	2087E-16	0	0	0			
19:48	75.2	-6105E-5	5.274	7474E-20	0	0	0			
19:47	0	0	0	0	0	0	0	End Job		
19:47	75.2	-6051E-5	4.95	2876E-23	0	0	0			
18:47	0	0	0	0	0	0	0	START ACQUISITION		
Post Job Summary										
Average Pump Rates, bpm				Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate	Lead Slurry	Tail Slurry	Mud	Spacer	N2		
S	0	0	5.7	132	132	0	0	0		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	First	Average	Strip Pkg to	Breakdown	Type	Volume	Volume	Volume	Volume	Density
1080	0	400	1059	0			0 bbl			0 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement		Cement Circulated to Surface? Volume		bbf			
0 %	0 bbl		73.5 bbl		<input type="checkbox"/>		<input type="checkbox"/>			
Customer or Authorized Representative			Dowell Supervisor				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			
			FICA BRENNON							

ORIGINAL

STATE OF KANSAS RECEIVED  
 FEB 10 1998  
 CONSERVATION DIVISION  
 Topeka, Kansas