

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  SIOW  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. \_\_\_\_\_

10-3-97 10-6-97 11-3-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-222390000 \_\_\_\_\_

County Stevens

SW - NE - NE Sec. 24 Twp. 33 Rge. 37 X W E

1250 Feet from SW (circle one) Line of Section

1250 Feet from EW (circle one) Line of Section

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

Lease Name Paden #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3073 KB 3082

Total Depth 2945 PBDT 2898

Amount of Surface Pipe Set and Cemented at 595 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, 5-6-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 5,000 ppm Fluid volume 300 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 1-27-98

Subscribed and sworn to before me this 27th day of January, 19 98.

Notary Public Lynne K. Hunt

Date Commission Expires February 20, 2001  
8-5.kcc

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  ~~STAT~~ Geologist Report Received

Distribution

KCC JAN 28 1998 SWD/Rep \_\_\_\_\_ NGPA

KGS Plug \_\_\_\_\_ Other \_\_\_\_\_

(Specify)

CONF 28-1998



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Paden #1 Unit Well # 3  
 Sec. 24 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 Name Top Datum
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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		

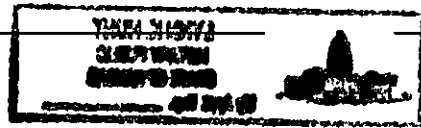
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	595	Class C Class C	225 125	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2940	Class C Class C	225 125	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	2608-14	Acid: 1,000 gals 7.5% HCL	
	2680-90	Fracd: 38,000 gals WF 130 in 70q foam	
	2730-38	120,280 lbs 16/30 sand	
	2784-94		

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. 1-16-98	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	Water Bbls.	Gas-Oil Ratio Gravity
		256		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled 2608  
 Other (Specify) 2794



**CEMENTING SERVICE REPORT**

Schlumberger  
Dowell

TREATMENT NUMBER: 20023333  
DATE: 10-2-97  
DISTRICT: U145505, TS.

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO. <b>PADPH # 1-3</b>		LOCATION (LEGAL) <b>Sec 33-37c-24c</b>		RIG NAME <b>NORSEMAN # 2</b>	
FIELD-POOL <b>Huron</b>		FORMATION		WELL DATA: BIT SIZE <b>2 1/4</b> CSG/Liner Size <b>8 3/4</b>	
COUNTY/PARISH <b>St. Landry</b>		STATE <b>LA</b>		TOTAL DEPTH <b>24</b> WEIGHT <b>595</b>	
NAME <b>Mobil Oil Corp</b>		API. NO.		MUD TYPE <b>WCSO</b> GRADE <b>WCSO</b>	
AND				MUD DENSITY <b>14.7</b> LESS FOOTAGE SHOE JOINT(S)	
ADDRESS				MUD VISC. <b>35.2</b> Disp. Capacity	
ZIP CODE				NOTE: Include Footage From Ground Level To Head In Disp. Capacity	

Float	TYPE <b>baffle plate</b>	DEPTH <b>553</b>	TYPE	DEPTH
SHOE	TYPE <b>CMT Nose</b>	DEPTH <b>595</b>	TYPE	DEPTH

**ORIGINAL**

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE <b>245</b> PSI	CASING WEIGHT - SURFACE AREA (3.14 x R <sup>2</sup> )	TOOL TYPE	DEPTH
PRESSURE LIMIT	PSI	BUMP PLUG TO <b>600</b> PSI	SIZE	DEPTH
ROTATE RPM	RECIPROCATE	FT	NO. of Centralizers	

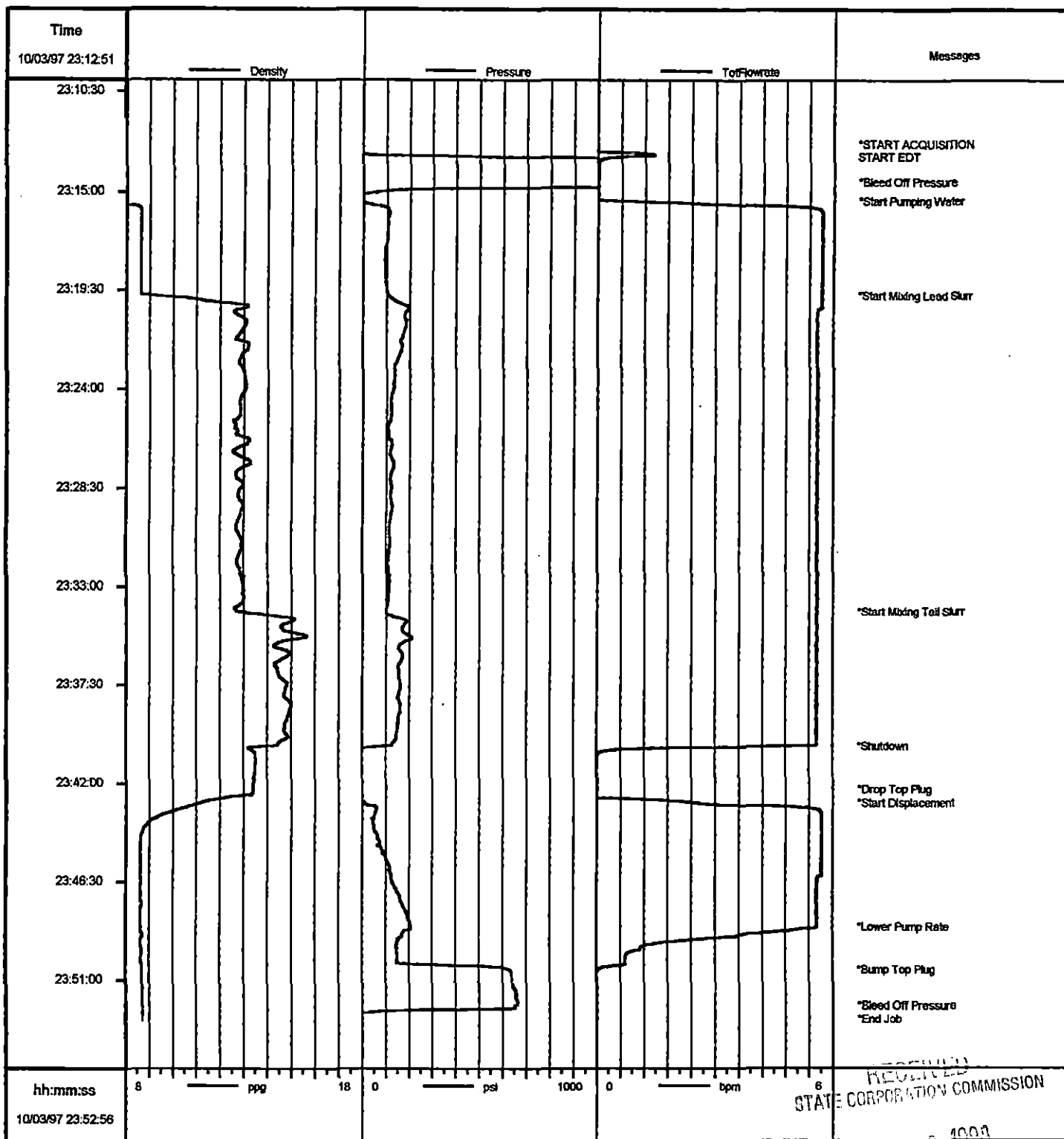
TIME	PRESSURE		VOLUME PUMPED, bbl		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
2313	1536										
2315	0	25			5.1	H2O					
2319	125	75.1			5.0	CMT	12.8				
2328	120		48		5.0	CMT	12.8				
2334	150	32.5			5.0	CMT	14.0				
2337	165		20		5.0	CMT	14.0				
2340	0										
2342	0	35.1			5.0	H2O					
2345	100		15		5.0	H2O					
2347	102		25		5.0						
2348	206		32		5.0						
2349	151		35		5.0						
2350	140		35.2		5.0						
2352											

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			1.	2.	3.	4.	BBLs	DENSITY
1.	275	1.89	SO <sub>2</sub> C	SO <sub>2</sub> + 6% opel + 3% acach + 5% D44 + 4% D29			75.1	12.8
2.	150	1.22	SO <sub>2</sub> C	SO <sub>2</sub> + 2.5% acach + 4% D29			32.5	14.0

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 3052 MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
BREAKDOWN PSI	FINAL PSI	DISPLACEMENT VOL.	TYPE OF WELL	<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT
PERFORATIONS	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR	
TO	TO		TAMOC EQUIPMENT	

Well	PADEN #1-3	Client	MOBIL OIL CORP.
Field	HUGOTON	SIR No.	20023333
Country	USA	Job Date	10/3/97 11:12:51 PM



Job: mobi3333  
10/03/1997 23:55

RECEIVED  
STATE CORPORATION COMMISSION

JAN 20 1998

\* Mark of Schlumberger

# Cementing Service Report

# ORIGINAL

Customer MOBIL OIL CORP V390500757A	Job Number 20023334
----------------------------------------	------------------------

Well PADEN 1-3		Location (logal) 24-33-37		Dowell Location Ulysses, KS		Service Date 10/2/97				
Field HUGOTON		Formation Name/Type CHASE		Deviation 0 °	Bit Size 7.88 in	Well MD 2,945 ft	Well TVD 2,945 ft			
County STEVENS		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						
Water Depth	Well Class 101	Well Type Development		Depth, ft 2940	Size, in 5.5	Weight, lb/ft 14	Grade USS50			
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 1500 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 casing as per customer's request. Loc. #63392 Acc Code 4903 I.D. JLLASITE Field Est. \$7585.44				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	Total Interval 0 ft		
				Diameter 0 in	Treat Down Casing	Displacement 70.7 bbl	Packer Type	Packer Depth 0 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 checked="" type="checkbox"/>	Casing Tools		Squeeze Job		
				Lift Pressure: 590 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Squeeze Type		
No. Centralizers: 10	Top Plugs: 1	Bottom Plugs: 0	Shoe Depth: 2940 ft	Tool Type:						
Cement Head Type: Single	Job Scheduled For: 10/6/97 1:30	Arrived on Location: 10/6/97 1:30	Leave Location: 10/6/97 7:30	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: 2899 ft	Sqz Total Vol: 0 bbl					
Time	CumVol	Density	Pressure UI	TotFlowrate				Message		
24 hr clock	bbl	ppg	psi	bpm						
4:56	0	-6.269	-3727	0	0	0	0	START ACQUISITION		
4:57	0	8.167	1428E-12	0	0	0	0			
4:58	0	8.23	1428E-12	0	0	0	0			
4:59	0	0	0	0	0	0	0	Pressure Test Lines		
5:00	.2684	8.256	1222	1693E-5	0	0	0			
5:01	.2875	8.25	1153	835E-6	0	0	0			
5:02	.2947	8.239	859.7	5592E-12	0	0	0			
5:03	.3064	8.303	1643	6575E-7	0	0	0			
5:04	.3065	8.219	.3335	2246E-14	0	0	0			
5:05	0	0	0	0	0	0	0	[CumVol]=.3068 bbl		
5:05	0	0	0	0	0	0	0	Reset Volume		
5:05	0	0	0	0	0	0	0	Start Pumping Water		
5:05	.2165	8.153	96.11	2.203	0	0	0			
5:06	5.722	8.234	301.1	5.575	0	0	0			
5:07	11.81	8.22	319	5.586	0	0	0	START ACQUISITION		
5:08	17.89	8.222	328.2	5.582	0	0	0			
5:09	23.98	8.278	314.5	5.574	0	0	0			
5:10	30.05	8.23	354.8	5.574	0	0	0			
5:11	0	0	0	0	0	0	0	[CumVol]=35.48 bbl		
5:11	0	0	0	0	0	0	0	Reset Volume		
5:11	0	0	0	0	0	0	0	Start Mixing Lead Slurry		

Well		Field				Service Date		Customer		Job Number	
PADEN #1-3		HUGOTON				10/2/97		MOBIL OIL CORP V39050075		20023334	
Time	CumVol	Density	Pressure U1	TotFlowrate					Message		
24 hr clock	bbl	ppg	psi	bpm							
5:12	.5611	8.842	357.3	5.581	0	0	0				
5:13	6.626	11.33	390.1	5.571	0	0	0		ORIGINAL		
5:14	12.7	11.45	375.8	5.561	0	0	0				
5:15	18.78	11.72	356.7	5.592	0	0	0				
5:16	24.89	11.59	326.4	5.613	0	0	0				
5:17	31	11.73	304	5.615	0	0	0				
5:18	37.11	11.37	273.7	5.619	0	0	0				
5:19	43.25	11.25	203.3	5.638	0	0	0				
5:20	49.39	11.44	147.2	5.663	0	0	0				
5:21	55.55	12.06	154.1	5.636	0	0	0				
5:22	61.68	11.66	146.3	5.627	0	0	0				
5:24	67.83	11.43	144.7	5.629	0	0	0				
5:25	73.96	11.56	146.1	5.641	0	0	0				
5:26	80.1	11.61	145.9	5.624	0	0	0				
5:27	86.24	11.68	146.3	5.629	0	0	0				
5:28	92.37	11.67	146.3	5.637	0	0	0				
5:29	98.5	11.56	145.9	5.611	0	0	0				
5:30	104.6	11.13	141.9	5.645	0	0	0				
5:31	0	0	0	0	0	0	0		[CumVol]=108.2 bbl		
5:31	0	0	0	0	0	0	0		Reset Volume		
5:31	0	0	0	0	0	0	0		Start Mixing Tail Slurry		
5:31	2.469	12.74	163.5	5.644	0	0	0				
5:32	8.572	14.68	249.7	5.578	0	0	0				
5:33	14.69	14.78	218.1	5.601	0	0	0				
5:34	20.8	15.19	249.3	5.579	0	0	0				
5:36	26.9	14.71	230.3	5.595	0	0	0				
5:37	33.01	14.34	217.8	5.632	0	0	0				
5:37	0	0	0	0	0	0	0		Shutdown		
5:37	0	0	0	0	0	0	0		[CumVol]=33.92 bbl		
5:37	0	0	0	0	0	0	0		Reset Volume		
5:43	136E-5	8.449	5753E-8	1534E-6	0	0	0				
5:43	0	0	0	0	0	0	0		Drop Top Plug		
5:43	0	0	0	0	0	0	0		Start Displacement		
5:44	3.327	8.506	96.81	5.879	0	0	0				
5:45	9.864	8.586	95.99	6.073	0	0	0				
5:46	16.46	8.593	95.65	6.075	0	0	0				
5:48	22.97	8.573	78.03	5.709	0	0	0				
5:49	29.15	8.521	158	5.669	0	0	0				
5:50	35.31	8.596	204.5	5.647	0	0	0				
5:51	41.46	8.56	273.4	5.624	0	0	0				
5:52	47.59	8.522	383.4	5.604	0	0	0				
5:53	53.69	8.53	492.8	5.587	0	0	0				
5:54	59.76	8.478	617.5	5.568	0	0	0				
5:54	0	0	0	0	0	0	0		Lower Pump Rate		
5:55	62.81	8.572	526	1.991	0	0	0				
5:56	64.98	8.346	556	1.99	0	0	0				
5:57	67.15	8.569	583.3	1.985	0	0	0				
5:58	0	0	0	0	0	0	0		Lower Pump Rate		
5:58	68.45	7.761	581.9	.187	0	0	0		JAN 20 1998		
6:00	68.79	8.07	567.2	.4356	0	0	0				
6:01	69.26	8.246	576.2	.4406	0	0	0				
6:01	0	0	0	0	0	0	0		Psi. check		
6:02	69.74	8.326	580.8	.4377	0	0	0				

Well		Field			Service Date		Customer		Job Number	
PADEN #1-3		HUGOTON			10/2/97		MOBIL OIL CORP V39050075		20023334	
Time	CumVel	Density	Pressure U1	TotFlowrat				Message		
24 hr clock	bbl	ppg	psi	bpm						
6:03	70.21	8.337	585.4	.4312	0	0	0			
6:04	70.68	8.328	625.2	.4216	0	0	0			
6:05	0	0	0	0	0	0	0	Bump Top Plug		
6:05	70.89	8.365	648.8	.1962	0	0	0			
6:05	0	0	0	0	0	0	0	Bleed Off Pressure		
6:06	71.31	8.377	666.4	.3785	0	0	0			
6:07	71.94	8.386	592.6	2477E-5	0	0	0			
6:08	71.95	8.408	9.571	8459E-13	0	0	0			
6:09	71.95	8.379	9.183	2889E-20	0	0	0	<b>ORIGINAL</b>		
6:10	72.04	8.333	294.1	.476	0	0	0			
6:11	72.22	8.343	6.867	3296E-9	0	0	0			

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
4.5	0	0	6.1		140	0	35	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density	
590	775	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 ft		
0 %	0 bbl		70.8 bbl						
Customer or Authorized Representative				Dowell Supervisor			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
Larry Love				Charley King					

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STATE COMMISSION

JUN 28 1997