

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  PBT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

10-21-97 10-24-97 11-13-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-222410000

County Stevens

SE - NW - NW Sec. 15 Twp. 33 Rge. 35 X W <sup>E</sup>

1250 Feet from S (circle one) Line of Section

1250 Feet from E (circle one) Line of Section

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

Lease Name Bell Unit Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2958 KB 2967

Total Depth 2927 PBTB 2870

Amount of Surface Pipe Set and Cemented at 780 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, 5-798 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid volume 250 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.

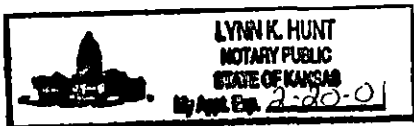
Signature Sharon A. Cook Sharon A. Cook  
Title Regulatory Assistant Date 2-13-98

Subscribed and sworn to before me this 13th day of February, 19 98.

Notary Public Lynn K. Hunt

Date Commission Expires February 20, 2001  
8-11.kcc

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
STATE OF KANSAS Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
2-17-98 (Specify)



Operator Name Mobil Oil Corporation Lease Name Bell Unit Well # 2

Sec. 15 Twp. 33 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 (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#	780	Class C Class C	250 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2917	Class C Class C	200 100	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				

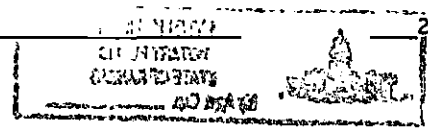
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2716-2730	Acid: 1,000 gals 7.5% HCL	
		Fract: 17,000 gals WF130 in 80q foam	
		32,200 lbs 16/30 sand	

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. 11-7-97	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 219 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 2716

Production Interval: 2730



# Cementing Service Report

ORIGINAL

Customer	Job Number
MOBIL DRILLING	20025768

Well		Location (legal)		Dowell Location		Service Date		
Bell Unit #2 1		sec 15-33S-35W		Ulysses, KS		10/16/97		
Field		Formation Name/Type		Deviation		Well MD		
Hugoton		Dirty-Sandstone		0 °		790 ft		
County		State/Province		BHP		Well TVD		
Stevens		Ks		0 psi		790 ft		
Rig Name		Drilled For		Service Via		Casing/Liner		
NORSEMAN 4		Gas		Land		Depth, ft		
Water Depth		Well Class		Well Type		Size, in		
0		101		Development		8.63		
Drilling Fluid Type		Max. Density		Plastic Viscosity		Weight, lb/ft		
Bentonite		9.3 lb/gal		0 cp		24		
Service Line		Job Type		Depth		Grade		
Cementing		Cem Surface Casing		0		Thread		
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection		Perforations/Open Hole		
0 psi		0 psi		Single cement head		Top, ft		
Service Instructions		Cement and equipment to safely cement 8 5/8 surface casing as per customer's request. Loc #61798 Acc. Code 4903 I.D. MTHARVEY Field Est. \$5460.52		Bottom, ft		spf		
				0		No. of Shots		
				0		Total Interval		
				0		0 ft		
				0		Diameter		
				0		0 in		
				Treat Down		Displacement		
				Casing		47.1 bbl		
				Packer Type		Packer Depth		
						0 ft		
				Tubing Vol.		Annular Vol.		
				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: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 780 ft		Squeeze Type		
No. Centralizers: 4		Top Plugs: 1		Bottom Plugs: 0		Tool Type:		
Cement Head Type: Single		Stage Tool Type		Tool Depth: 0 ft				
Job Scheduled For: 10/21/97 23:30		Arrived on Location: 10/21/97 23:30		Leave Location:		Stage Tool Depth: 0 ft		
						Tail Pipe Size: 0 in		
						Collar Type: Other		
						Tail Pipe Depth: 0 ft		
						Collar Depth: 740 ft		
						Sqz Total Vol: 0 bbl		
Time	CumVol	Density	Pressure Uf	TotFlowrate				Message
24 hr clock	bbbl	ppg	psi	bpm				
0:50	0	-6.413	-3704	0	0	0	0	START ACQUISITION
0:50	0	0	0	0	0	0	0	Pressure Test Lines
0:51	.221	8.617	2565	2501E-5	0	0	0	
0:51	0	0	0	0	0	0	0	Bleed Off Pressure
0:51	.2224	8.552	11.07	1728E-10	0	0	0	
0:52	0	0	0	0	0	0	0	Start Pumping Water
0:52	.317	8.551	23.59	1.956	0	0	0	
0:53	4.155	8.509	156.3	5.718	0	0	0	
0:54	8.475	8.517	152.5	5.722	0	0	0	
0:54	12.78	8.552	150.5	5.711	0	0	0	
0:55	17.09	8.553	154.5	5.709	0	0	0	
0:56	21.39	8.568	171.8	5.717	0	0	0	
0:57	25.71	8.539	172	5.711	0	0	0	
0:57	0	0	0	0	0	0	0	[CumVol]=26.29 bbl
0:57	0	0	0	0	0	0	0	Reset Volume
0:57	0	0	0	0	0	0	0	Start Mixing Lead Slurry
0:58	3.637	8.925	180.4	5.712	0	0	0	
0:58	7.944	9.451	196.7	5.711	0	0	0	
0:59	12.25	13.53	239.1	5.627	0	0	0	
1:00	16.48	12.65	231.5	5.592	0	0	0	
1:01	20.69	12.54	230.6	5.593	0	0	0	

Well		Field			Service Date		Customer		Job Number	
Bell Unit #2 #1		Hugoton			10/16/97		MOBIL DRILLING		20025768	
Time	CumVol	Density	Pressure U1	TotFlowrate				Message		
24 hr clock	bbl	ppg	psi	bpm						
1:01	24.91	12.81	217.6	5.592	0	0	0			
1:02	29.14	12.47	188.4	5.592	0	0	0			
1:03	33.36	12.75	177.7	5.592	0	0	0	ORIGINAL		
1:04	37.57	12.88	159.3	5.592	0	0	0			
1:04	41.79	12.45	138.7	5.59	0	0	0			
1:05	46.02	12.54	155.1	5.592	0	0	0			
1:06	50.23	12.89	162.1	5.591	0	0	0			
1:07	54.45	12.8	163.4	5.592	0	0	0			
1:07	58.68	12.7	155.6	5.591	0	0	0			
1:08	62.9	12.81	162.3	5.594	0	0	0			
1:09	67.11	12.78	157.1	5.596	0	0	0			
1:10	71.34	12.69	154.8	5.592	0	0	0			
1:10	75.56	12.83	155.6	5.593	0	0	0			
1:11	79.77	12.8	147.4	5.592	0	0	0			
1:12	83.99	12.95	154.1	5.596	0	0	0			
1:13	88.22	12.75	140.6	5.592	0	0	0			
1:13	92.43	12.68	133.4	5.593	0	0	0			
1:14	0	0	0	0	0	0	0	[CumVol]=95.71 bbl		
1:14	0	0	0	0	0	0	0	Reset Volume		
1:14	0	0	0	0	0	0	0	Start Mixing Tail Slurry		
1:14	.8435	12.38	123.7	5.592	0	0	0			
1:15	5.07	14.9	210.9	5.592	0	0	0			
1:16	9.287	14.47	200.5	5.592	0	0	0			
1:16	13.5	14.45	199.1	5.594	0	0	0			
1:17	17.73	14.7	203.1	5.592	0	0	0			
1:18	21.95	14.49	187.5	5.592	0	0	0			
1:19	26.16	14.67	188.3	5.579	0	0	0			
1:19	30.38	14.59	186.9	5.595	0	0	0			
1:20	0	0	0	0	0	0	0	Shutdown		
1:20	34.16	13.92	33.05	.8383	0	0	0			
1:20	0	0	0	0	0	0	0	[CumVol]=34.2 bbl		
1:20	0	0	0	0	0	0	0	Reset Volume		
1:21	0	0	0	0	0	0	0	Drop Top Plug		
1:21	0	0	0	0	0	0	0	Start Displacement		
1:21	1378E-7	14.05	1.818	5688E-9	0	0	0			
1:22	1381E-7	14.03	-2.455	3853E-14	0	0	0			
1:22	1381E-7	14.02	-6.445	261E-18	0	0	0			
1:23	3.508	9.225	87.47	5.711	0	0	0			
1:24	7.816	8.589	63.21	5.702	0	0	0			
1:25	12.12	8.553	78.73	5.71	0	0	0			
1:25	16.43	8.553	94.43	5.702	0	0	0			
1:26	20.74	8.554	127.7	5.709	0	0	0			
1:27	25.04	8.543	158.8	5.71	0	0	0			
1:27	0	0	0	0	0	0	0	Returns at Surface		
1:28	29.34	8.501	196.3	5.607	0	0	0			
1:28	33.57	8.503	231.9	5.592	0	0	0			
1:29	37.79	8.494	252.8	5.589	0	0	0			
1:30	0	0	0	0	0	0	0	Lower Pump Rate		
1:30	41.67	8.503	228	2.562	0	0	0	STATE OF		
1:31	43.22	8.512	222.6	2.009	0	0	0			
1:31	44.74	8.493	235.9	2.008	0	0	0	10-29-97		
1:32	46.25	8.538	248.1	2.001	0	0	0			
1:32	0	0	0	0	0	0	0	Psi. check		

Well		Field			Service Date		Customer		Job Number	
Bell Unit #2 #1		Hugoton			10/16/97		MOBIL DRILLING		20025768	
Time	CumVol	Density	Pressure U1	TotFlowrate					Message	
24 hr. clock	bbl	ppg	psi	bpm						
1:33	47.64	8.539	714.7	.3727	0	0	0			
1:33	0	0	0	0	0	0	0	Bump Top Plug		
1:34	47.66	8.594	747.8	2528E-9	0	0	0			
1:34	0	0	0	0	0	0	0	Psi. check		
1:34	47.66	8.587	413.3	1713E-14	0	0	0			
1:35	0	0	0	0	0	0	0	Bleed Off Pressure		
1:35	47.66	8.581	86.54	116E-18	0	0	0			
1:35	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		
4.5	0		0	5.6	124	0	30	0		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density		
250	770	100	0	0		0 bbl		0 lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <u>83 sks</u> bbl <u>28</u>					
0 %	0 bbl		47.5 bbl		<input type="checkbox"/> Washed Thru Perfs To 0 ft					
Customer or Authorized Representative				Dowell Supervisor						
Marvin Harvey				Charley King						
				<input type="checkbox"/> Circulation Lost			<input checked="" type="checkbox"/> Job Completed			

ORIGINAL

STATE COMMISSION

FEB 17 1998

CONSERVATION DIVISION



# Cementing Service Report

Customer <b>MOBIL DRILLING</b>	Job Number <b>20025769</b>
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Well <b>Bell Unit #2 2</b>		Location (legal) <b>sec. 15-33s-35w</b>		Dowell Location <b>Ulysses, KS</b>		Service Date <b>10/16/97</b>		
Field <b>630050133</b>		Formation Name/Type <b>Limestone</b>		Deviation <b>0 °</b>	Bit Size <b>7.88 in</b>	Well MD <b>3,000 ft</b>	Well TVD <b>3,000 ft</b>	
County <b>Stevens</b>		State/Province <b>Kansas</b>		BHP <b>0 psi</b>	BHST <b>0 °F</b>	BHCT <b>0 °F</b>	Pore Press. Gradient <b>0 psi/ft</b>	
Rig Name <b>NORSEMAN 2</b>	Drilled For <b>Gas</b>	Service Via <b>Land</b>		<b>Casing/Liner</b>				
Offshore Zone	Well Class <b>New</b>	Well Type <b>Development</b>		Depth, ft <b>3000</b>	Size, in <b>5.5</b>	Weight, lb/ft <b>14</b>	Grade <b>K55</b>	
				<b>0</b>	<b>0</b>	<b>0</b>	<b>8RD</b>	
Drilling Fluid Type <b>Bentonite</b>		Max. Density <b>9.5 lb/gal</b>	Plastic Viscosity <b>40 cp</b>		<b>Tubing/Drill Pipe</b>			
Service Line <b>Cementing</b>	Job Type <b>Cem Prod Casing</b>		Depth, ft <b>0</b>	Size, in <b>0</b>	Weight, lb/ft <b>0</b>	Grade <b>0</b>	Thread <b>0</b>	
			<b>0</b>	<b>0</b>	<b>0</b>			
Max. Allowed Tubing Pressure <b>2500 psi</b>	Max. Allowed Ann. Pressure <b>2500 psi</b>	WellHead Connection <b>Single cement head</b>		<b>Perforations/Open Hole</b>				
Service Instructions <b>Safely cement 5 1/2 production string.</b>	Accounting code: 4903	AFE: AAXJ	Location: 61798	I.D. MTHARVEY	Top, ft <b>0</b>	Bottom, ft <b>0</b>	spf <b>0</b>	
					No. of Shots <b>0</b>	Total Interval <b>0 ft</b>	Diameter <b>0 in</b>	
					Treat Down <b>Casing</b>	Displacement <b>0 bbl</b>	Packer Type <b>0 ft</b>	
					Tubing Vol. <b>0 bbl</b>	Casing Vol. <b>0 bbl</b>	Annular Vol. <b>0 bbl</b>	
							<b>0 bbl</b>	
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	<b>ORIGINAL</b>		<b>Casing Tools</b>		<b>Squeeze Job</b>		
Lift Pressure: <b>500 psi</b>	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>		Shoe Type: <b>Guide</b>	Shoe Depth: <b>0 ft</b>	Squeeze Type	Tool Type:	
No. Centralizers: <b>0</b>	Top Plugs: <b>1</b>	Bottom Plugs: <b>0</b>		Stage Tool Type	Stage Tool Depth: <b>0 ft</b>	Tool Depth: <b>0 ft</b>	Tail Pipe Size: <b>0 in</b>	
Cement Head Type: <b>Single</b>	Job Scheduled For:	Arrived on Location:	Leave Location:	Collar Type: <b>Other</b>	Collar Depth: <b>ft</b>	Tail Pipe Depth: <b>0 ft</b>	Sqz Total Vol: <b>0 bbl</b>	

Time	CumVol	Density	Pressure U1	TotFlowrate				Message
24 hr clock	bbl	ppg	psi	bpm				
0:18	0	0	0	0	0	0	START ACQUISITION	
0:18	0	8.394	-54.95	0	0	0		
0:18	0	0	0	0	0	0	Pressure Test Lines	
0:19	.1087	8.394	-27.95	1.117	0	0		
0:19	.209	8.394	2168	2711E-7	0	0		
0:20	.209	8.396	1955	6893E-12	0	0		
0:21	.209	8.394	-46.32	1752E-16	0	0		
0:21	.209	8.394	-45.79	4455E-21	0	0		
0:22	0	0	0	0	0	0	[CumVol]=.209 bbl	
0:22	0	0	0	0	0	0	Reset Volume	
0:22	0	0	0	0	0	0	Start Job	
0:22	457E-25	8.394	-45.86	1133E-25	0	0		
0:22	0	0	0	0	0	0	Start Pumping Wash	
0:23	.9181	8.366	118.1	4.038	0	0		
0:23	4.588	8.356	166.4	5.673	0	0		
0:24	8.401	8.347	175.9	5.67	0	0		
0:25	12.2	8.34	184.3	5.668	0	0		
0:25	16	8.324	195.3	5.675	0	0		
0:26	19.8	8.275	201.9	5.678	0	0		
0:26	0	0	0	0	0	0	End Wash	
0:27	23.62	8.774	205.9	5.7	0	0		
0:27	0	0	0	0	0	0	Start Mixing Lead Slurry	

Well		Field			Service Date	Customer	Job Number
Bell Unit #2 #2		630050133			10/16/97	MOBIL DRILLING	20025769
Time	CumVol	Density	Pressure U1	TotFlowrate			Message
24 hr clock	bbbl	ppg	psi	bpm			
0:27	27.41	11.45	248	5.657	0	0	
0:28	0	0	0	0	0	0	[CumVol]=28.74 bbl
0:28	0	0	0	0	0	0	Reset Volume
0:28	2.358	11.44	226.6	5.626	0	0	
0:29	6.154	11.42	211	5.651	0	0	
0:29	9.944	11.34	192.9	5.661	0	0	
0:30	13.73	11.52	183.9	5.647	0	0	
0:31	17.52	11.66	172.2	5.663	0	0	
0:31	21.33	11.39	156	5.662	0	0	
0:32	25.13	11.43	144.9	5.679	0	0	
0:33	28.94	11.71	133.8	5.682	0	0	
0:33	32.74	11.56	121.3	5.672	0	0	
0:34	36.55	11.76	110	5.687	0	0	
0:35	40.36	11.58	96.27	5.685	0	0	
0:35	44.18	11.42	92.27	5.707	0	0	
0:36	48.01	11.35	92.46	5.71	0	0	
0:37	51.84	11.34	91.58	5.71	0	0	
0:37	55.67	11.37	91.55	5.709	0	0	
0:38	59.5	11.65	96.83	5.71	0	0	
0:39	63.32	11.63	100.7	5.704	0	0	
0:39	67.16	11.43	95.48	5.721	0	0	
0:40	71	11.38	93.56	5.706	0	0	
0:41	74.82	11.44	95.11	5.701	0	0	
0:41	78.64	11.45	96.15	5.702	0	0	
0:42	82.47	11.3	91.66	5.708	0	0	
0:43	86.3	11.44	92.18	5.701	0	0	
0:43	90.11	11.52	92.34	5.686	0	0	
0:44	93.9	15.37	156.4	5.654	0	0	
0:45	0	0	0	0	0	0	Start Mixing Tail Slurry
0:45	97.71	15.1	159.6	5.669	0	0	
0:45	100.5	15.8	93	3.888	0	0	
0:46	103.1	14.81	73.96	3.905	0	0	
0:47	106.1	14.84	165.8	5.629	0	0	
0:47	109.9	14.55	162.4	5.675	0	0	
0:48	113.7	15.01	171.7	5.663	0	0	
0:49	117.1	14.68	3135	1.221	0	0	
0:49	0	0	0	0	0	0	PAUSE ACQUISITION
0:53	0	0	0	0	0	0	RESTART AFTER PAUSE
0:53	117.2	8.875	-27.47	9753E-7	0	0	
0:54	119.5	8.878	73.78	5.701	0	0	
0:54	0	0	0	0	0	0	Drop Top Plug
0:55	123.3	8.81	66.77	5.71	0	0	
0:55	0	0	0	0	0	0	Start Displacement
0:55	127.1	8.754	60.3	5.69	0	0	
0:56	130.9	8.702	59.98	5.696	0	0	
0:57	134.8	8.695	57.85	5.704	0	0	
0:57	138.6	8.694	64.23	5.794	0	0	
0:58	142.5	8.641	63.01	5.8	0	0	
0:59	146.4	8.639	57.36	5.809	0	0	
0:59	150.3	8.644	82.3	5.77	0	0	
1:00	154.2	8.677	108.9	5.77	0	0	
1:01	158	8.695	146.4	5.742	0	0	
1:01	161.9	8.673	198.5	5.726	0	0	
1:02	165.7	8.646	269.9	5.683	0	0	

ORIGINAL

STATE OF CALIFORNIA

NOV 17 1997

CONTRACT NO. 97001

Well		Field			Service Date		Customer		Job Number	
Bell Unit #2 #2		630050133			10/16/97		MOBIL DRILLING		20025769	
Time	CumVol	Density	Pressure U1	TotFlowrate	Message					
24 hr clock	bbl	ppg	psi	bpm						
1:03	169.5	8.696	346	5.639	0	0	0			
1:03	173.3	8.696	422	5.607	0	0	0			
1:04	177	8.7	488.5	5.593	0	0	0			
1:05	180.8	8.7	544.8	5.565	0	0	0			
1:05	184.1	8.7	502.1	2.822	0	0	0			
1:06	185.5	8.649	504.4	2.044	0	0	0	ORIGINAL		
1:07	186.9	8.665	522.4	1.965	0	0	0			
1:07	188	8.637	1190	.2349	0	0	0			
1:08	188	8.639	634.4	5966E-9	0	0	0			
1:08	0	0	0	0	0	0	0	Bump Top Plug		
1:09	188	8.639	-27.44	1517E-13	0	0	0			
1:09	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		
5.5	0	0	6	97	0	0	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
2250	2250	150	2250	0		0 bbl	0 lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement			<input type="checkbox"/> Cement Circulated to Surface? Volume		0 bbl		
0 %	0 bbl	69.75 bbl			<input type="checkbox"/> Washed Thru Perfs To		0 ft		
Customer or Authorized Representative				Dowell Supervisor			<input type="checkbox"/> CirculationLost		
Marvin Harvey				JEFF DISEKER			<input checked="" type="checkbox"/> Job Completed		

RECORDED  
 STATE COMMISSION  
 FEB 17 1998  
 COMMISSION