

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. _____

10-7-97 10-10-97 11-6-97
Spud Date Date Reached TD Completion Date

API NO. 15- 189-222480000

County Stevens

SW - NE - NW Sec. 19 Twp. 33 Rge. 36 X E W

1250 Feet from S/N (circle one) Line of Section

1350 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 Bunyan #1 Unit Well # X2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3075 KB 3084

Total Depth 2950 PBDT 2904

Amount of Surface Pipe Set and Cemented at 643 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, 5-1-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 8,000 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 1-14-98

Subscribed and sworn to before me this 14th day of January, 19 98.

Notary Public Lyndie K. Hunt

Date Commission Expires February 20, 2001
8-2.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"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



RECEIVED
STATE CORPORATION COMMISSION
JAN 15 1998
1-15-98
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Bunyan #1 Unit Well # 3
 Sec. 19 Twp. 33 Rge. 36 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#	643	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2940	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				

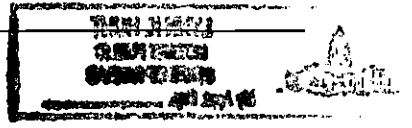
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2630-36	Acid: 1,000 gals 7.5% HCL	
	2702-12	Fracd: 35,000 gals WF130 in 80q foam	
	2752-62	99,980 lbs 16/30 sand	
	2802-12		

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. 11-17-97		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	Water	Bbls. Gas-Oil Ratio Gravity
			141			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: _____ 2630 _____ 2812 _____





Cementing Service Report

ORIGINAL

Customer	MOBIL OIL CORP V390600757A	Job Number	20023338
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Well	BUNYON UNIT #1 2		Location (legal)	sec 19-33S-34W		Dowell Location	Ulysses, KS		Service Date	10/2/97									
Field	HUGOTON		Formation Name/Type	Dirty-Sandstone		Deviation	0 °	Bit Size	12.3 in	Well MD	650 ft	Well TVD	650 ft						
County	Stevens		State/Province	KS		BHP	0 psi	BHST	0 °F	BHCT	0 °F	Poros Press. Gradient	0 psi/ft						
Rig Name	NORSEMAN 2		Drilled For	Gas		Service Via	Land		Casing/Liner										
Water Depth	0		Well Class	101		Well Type	Development		Depth, ft	643	Size, in	8.63	Weight, lb/ft	23	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 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 and equipment to safely cement 8 5/8 surface casing as per customer's request. Loc# 63205 Acc. Code 4903 I.D. JLLASITE Field Est. \$4914.60									Top, ft	0	Bottom, ft	0	spf	0	No. of Shots	0	Total Interval	0 ft	
																		Diameter	0 in
									Treat Down Casing	0 bbl		Displacement	38.2 bbl		Packer Type			Packer Depth	0 ft
									Tubing Vol.	0 bbl		Casing Vol.	41 bbl		Annular Vol.	0 bbl		OpenHole Vol	0 bbl
									Casing/Tubing Secured <input type="checkbox"/>									1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	
Lift Pressure:	275 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:		Guide		Squeeze Type								
No. Centralizers:	4		Top Plugs:		1		Bottom Plugs:		0		Shoe Depth:		643 ft		Tool Type:				
Cement Head Type: Single									Stage Tool Type				Tool Depth:		0 ft				
Job Scheduled For:			Arrived on Location:			Leave Location:			Stage Tool Depth:		0 ft		Tail Pipe Size:		0 in				
10/7/97 20:00			10/7/97 19:45						Collar Type:		Other		Tail Pipe Depth:		0 ft				
									Collar Depth:		600 ft		Sqz Total Vol:		0 bbl				

Time	CumVol	Density	Pressure U1	ToFlowrate	Message				
24 hr clock	bbl	ppg	psi	bpm					
22:19	0	0	0	0	0	0	0	0	START ACQUISITION
22:19	0	8.384	5309E-13	0	0	0	0	0	
22:20	0	8.379	-9993E-5	0	0	0	0	0	
22:20	0	0	0	0	0	0	0	0	Pressure Test Lines
22:21	.2519	8.377	1547	3722E-5	0	0	0	0	
22:21	.2541	8.366	29.39	2651E-10	0	0	0	0	
22:22	.2541	8.366	-4.376	1796E-15	0	0	0	0	
22:23	0	0	0	0	0	0	0	0	Start Pumping Water
22:23	.2541	8.354	-9.484	1217E-20	0	0	0	0	
22:23	0	0	0	0	0	0	0	0	[CumVol]=.2541 bbl
22:23	0	0	0	0	0	0	0	0	Reset Volume
22:24	2.15	8.594	83.99	5.7	0	0	0	0	
22:24	6.457	8.58	92.28	5.718	0	0	0	0	
22:25	10.76	8.575	103.4	5.718	0	0	0	0	
22:26	15.07	8.568	113.9	5.71	0	0	0	0	
22:27	19.39	8.557	124.6	5.712	0	0	0	0	START OPERATIONAL COMPRESSION
22:27	23.69	8.568	159.1	5.704	0	0	0	0	
22:28	0	0	0	0	0	0	0	0	[CumVol]=25.7 bbl
22:28	0	0	0	0	0	0	0	0	Reset Volume
22:28	2.201	12.53	204.6	5.71	0	0	0	0	
22:28	0	0	0	0	0	0	0	0	Start Mixing Lead Slurry

Well		Field				Service Date		Customer		Job Number	
BUNYON UNIT #1 #2		HUGOTON				10/2/97		MOBIL OIL CORP V39050075		20023338	
Time	CumVol	Density	Pressure Uf	TotFlowrate					Message		
24 hr clock	bbl	ppg	psi	bpm							
22:29	6.519	12.46	212.2	5.714	0	0	0				
22:30	10.83	13	222.4	5.711	0	0	0				
22:30	15.13	12.68	193	5.722	0	0	0				
22:31	19.44	13.06	179	5.711	0	0	0		ORIGINAL		
22:32	23.76	12.86	149.8	5.722	0	0	0				
22:33	28.07	12.79	149.1	5.711	0	0	0				
22:33	32.38	12.71	144.6	5.721	0	0	0				
22:34	36.7	13	146.7	5.711	0	0	0				
22:35	41.01	11.91	120.3	5.714	0	0	0				
22:36	45.31	13.2	158.8	5.707	0	0	0				
22:36	49.62	12.77	140.8	5.71	0	0	0				
22:37	53.94	12.93	141.9	5.711	0	0	0				
22:38	58.24	12.92	149.6	5.708	0	0	0				
22:39	62.55	12.82	143.2	5.711	0	0	0				
22:40	66.87	12.99	147.2	5.71	0	0	0				
22:40	71.18	12.87	137.4	5.711	0	0	0				
22:41	75.49	12.9	138.1	5.709	0	0	0				
22:42	79.81	12.81	133.7	5.718	0	0	0				
22:42	0	0	0	0	0	0	0		Reset Volume		
22:42	0	0	0	0	0	0	0		[CumVol]=80.09 bbl		
22:42	0	0	0	0	0	0	0		Start Mixing Tail Slurry		
22:43	3.924	13.79	167.3	5.707	0	0	0				
22:43	8.23	14.72	209.9	5.709	0	0	0				
22:44	12.54	14.79	209.1	5.704	0	0	0				
22:45	16.86	14.61	192.7	5.711	0	0	0				
22:46	21.17	14.85	202	5.698	0	0	0				
22:46	25.48	14.58	185.2	5.711	0	0	0				
22:47	29.79	14.52	179.9	5.711	0	0	0				
22:48	34.1	14.43	169.6	5.712	0	0	0				
22:48	0	0	0	0	0	0	0		Shutdown		
22:48	0	0	0	0	0	0	0		Reset Volume		
22:48	0	0	0	0	0	0	0		[CumVol]=34.61 bbl		
22:49	0	0	0	0	0	0	0		Drop Top Plug		
22:49	1593E-7	13.76	.1782	7279E-8	0	0	0				
22:49	0	0	0	0	0	0	0		Start Displacement		
22:49	1634E-7	13.5	-.4845	4931E-13	0	0	0				
22:50	1634E-7	13.32	.1565	334E-17	0	0	0				
22:51	3057E-5	13.74	19.51	1.089	0	0	0				
22:52	3.878	9.204	79.89	5.711	0	0	0				
22:52	8.197	8.56	73.78	5.71	0	0	0				
22:53	12.5	8.607	102.3	5.708	0	0	0				
22:54	16.81	8.629	134.3	5.709	0	0	0				
22:55	21.12	8.629	160.9	5.72	0	0	0				
22:55	0	0	0	0	0	0	0		Returns at Surface		
22:55	25.4	8.537	176	5.594	0	0	0				
22:55	0	0	0	0	0	0	0		18bbl/54sks returned		
22:56	0	0	0	0	0	0	0		Lower Pump Rate 2500 GPM		
22:56	29.55	8.522	201.1	4.842	0	0	0		STATE CORPORATION COMMISSION		
22:57	31.39	8.483	157.7	2.158	0	0	0				
22:58	33.03	8.474	175.3	2.167	0	0	0		OCT 4 5 1997		
22:58	34.66	8.425	188	2.166	0	0	0				
22:59	36.29	8.429	198.1	2.16	0	0	0				
23:00	37.91	8.413	211.8	2.157	0	0	0				

Well		Field			Service Date		Customer		Job Number		
BUNYON UNIT #1 #2		HUGOTON			10/2/97		MOBIL OIL CORP V39050074		20023338		
Time	CumVol	Density	Pressure U1	TotFlowrate	Message						
24 hr clock	bbbl	ppg	psi	bpm							
23:01	39.01	8.25	1013	1812E-5	0	0	0				
23:01	0	0	0	0	0	0	0	Bump Top Plug			
23:01	39.01	8.253	1016	1227E-10	0	0	0	ORIGINAL			
23:02	39.01	8.248	444.2	8314E-16	0	0	0				
23:03	39.01	8.247	443.5	5632E-21	0	0	0				
23:03	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	5.7		110	0	25	0			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density			
275	1100	100	0	0		0 bbl		0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		54525 bbl 18 ft				
0 %	0 bbl		39 bbl		<input type="checkbox"/> Washed Thru Perfs To		0 ft				
Customer or Authorized Representative				Dowell Supervisor				<input type="checkbox"/> Circulation Lost			<input checked="" type="checkbox"/> Job Completed
Larry Love				Charley King							

RECEIVED
STATE CORPORATION COMMISSION

JAN 15 1998

COMMUNICATIONS SECTION
W. Va. Maroon



Cementing Service Report

Customer: MOBIL OIL CORP V390500757A
Job Number: 20023335

Well: BUNYON UNIT #1 2		Location (legal): sec 23-33S-37W		Dowell Location: Ulysses, KS		Service Date: 10/2/97				
Field: HUGOTON		Formation Name/Type:		Deviation: 0	BH Size: 7.88 in	Well MD: 2,950 ft	Well TVD: 2,950 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:			
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: 0	Weight, lb/ft: 0	Grade:	Thread:			
Max. Allowed Tubing Pressure: 520 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 #63205 Acc Code 4903 I.D. JLLASITE Field Est. \$7034.29 <div style="font-size: 2em; font-weight: bold; text-align: center; margin-top: 10px;">ORIGINAL</div>				Top, ft: 0	Bottom, ft: 0	spf: 0	No. of Shots: 0	Total Interval: 0 ft		
				Diameter: 0 in	Treat Down Casing: 0 ft	Displacement: 70.7 bbl	Packer Type:	Packer Depth: 0 ft		
				Tubing Vol.: 0 bbl	Casing Vol.: 71.75 bbl	Annular Vol.: 0 bbl	Open Hole Vol.: 0 bbl	Casing Tools	Squeeze Job	
				Casing/Tubing Secured: <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing: <input checked="" type="checkbox"/>		Shoe Type: Guide	Squeeze Type:		
				Lift Pressure: 520 psi	Pipe Rotated: <input type="checkbox"/>	Pipe Reciprocated: <input type="checkbox"/>	Shoe Depth: 2940 ft	Tool Type:		
No. Centralizers: 10	Top Plugs: 1	Bottom Plugs: 0	Stage Tool Type:	Tool Depth: 0 ft						
Cement Head Type: Single	Job Scheduled For: 10/10/97 3:30	Arrived on Location: 10/10/97 3:15	Leave Location:	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: 5:48	CumVol: 0 bbl	Density: 0 ppg	Pressure Uf: 0 psi	TotFlowrate: 0 bpm	Message: START ACQUISITION			
5:48	0	8.247	4.568	0	0	0	Pressure Test Lines			
5:48	0	0	0	0	0	0	Bleed Off Pressure			
5:49	.2313	8.245	1974	354E-5	0	0	[CumVol]=.2315 bbl			
5:50	0	0	0	0	0	0	Reset Volume			
5:50	.2315	8.255	1767	4539E-13	0	0	Start Pumping Water			
5:51	0	0	0	0	0	0	STATE COMMISSION			
5:51	0	0	0	0	0	0	JAN 15 1998			
5:51	6058E-21	8.262	-3.09	5817E-20	0	0	[CumVol]=26.31 bbl			
5:51	0	0	0	0	0	0	Reset Volume			
5:52	3.694	8.339	168.8	5.541	0	0	Start Mixing Lead Slurry			
5:53	9.276	8.224	184.5	5.543	0	0				
5:54	14.85	8.222	198.3	5.558	0	0				
5:55	20.44	8.506	226.8	5.556	0	0				
5:56	26.03	8.506	229.5	5.542	0	0				
5:56	0	0	0	0	0	0	[CumVol]=26.31 bbl			
5:56	0	0	0	0	0	0	Reset Volume			
5:56	0	0	0	0	0	0	Start Mixing Lead Slurry			
5:57	5.204	11.19	272	5.537	0	0				
5:58	10.79	11.79	263.9	5.547	0	0				
5:59	16.37	11.5	233.3	5.551	0	0				

Well		Field			Service Date		Customer	Job Number
BUNYON UNIT #1 #2		HUGOTON			10/2/97		MOBIL OIL CORP V39050079	20023335
Time	CumVol	Density	Pressure Uf	TotFlowrate			Message	
24 hr clock	bbl	ppg	psi	bpm				
6:00	21.96	11.56	210	5.564	0	0	0	
6:01	27.57	11.5	186.2	5.567	0	0	0	
6:02	33.16	11.52	160.9	5.568	0	0	0	
6:03	38.78	11.56	139.3	5.572	0	0	0	
6:04	44.38	11.56	125.9	5.576	0	0	0	
6:05	49.99	11.56	123.3	5.574	0	0	0	
6:06	55.61	11.53	120.4	5.574	0	0	0	
6:07	61.22	11.53	122	5.566	0	0	0	
6:08	66.84	11.56	117.1	5.571	0	0	0	
6:09	72.44	11.56	120.1	5.572	0	0	0	
6:10	78.05	11.56	117.3	5.576	0	0	0	
6:11	83.67	11.55	108.4	5.578	0	0	0	
6:12	89.28	11.68	118.4	5.578	0	0	0	
6:13	94.89	11.58	112.7	5.584	0	0	0	
6:14	100.5	11.53	112.5	5.584	0	0	0	
6:15	106.1	11.55	115.7	5.578	0	0	0	
6:16	111.7	11.52	110.1	5.586	0	0	0	
6:17	117.4	11.65	109	5.584	0	0	0	
6:18	0	0	0	0	0	0	0	[CumVol]=121.8 bbl
6:18	0	0	0	0	0	0	0	Reset Volume
6:18	1.029	12.11	105.4	5.579	0	0	0	
6:19	0	0	0	0	0	0	0	Start Mixing Tail Slurry
6:19	6.638	15.05	213.4	5.552	0	0	0	
6:20	12.24	14.26	147	5.572	0	0	0	
6:21	17.85	15.33	218.2	5.562	0	0	0	
6:22	23.45	15.03	182.1	5.575	0	0	0	
6:23	0	0	0	0	0	0	0	Shutdown
6:23	28.43	14.62	14.37	.6017	0	0	0	
6:24	0	0	0	0	0	0	0	[CumVol]=28.46 bbl
6:24	0	0	0	0	0	0	0	Reset Volume
6:27	1022E-6	8.877	-4.79	1273E-11	0	0	0	
6:28	0	0	0	0	0	0	0	Drop Top Plug
6:28	0	0	0	0	0	0	0	Start Displacement
6:28	1.606	9.426	67.69	5.675	0	0	0	
6:29	7.331	9.397	52.98	5.718	0	0	0	
6:30	13.06	9.206	53.64	5.717	0	0	0	
6:31	18.86	9.102	58.29	5.711	0	0	0	
6:32	24.6	8.813	61.08	5.711	0	0	0	
6:34	30.36	8.469	124.3	5.708	0	0	0	
6:35	36.1	8.416	162.1	5.71	0	0	0	
6:36	41.84	8.214	209.2	5.708	0	0	0	
6:37	47.48	7.993	274.4	5.579	0	0	0	
6:38	53.1	7.923	372	5.579	0	0	0	
6:39	58.72	8.046	462.7	5.59	0	0	0	
6:39	0	0	0	0	0	0	0	Lower Pump Rate
6:40	62.32	8.162	415.5	2.004	0	0	0	
6:41	64.33	8.075	448.7	1.994	0	0	0	
6:42	66.34	8.076	478.8	2.004	0	0	0	
6:43	68.14	7.508	492.9	.6524	0	0	0	
6:44	68.75	7.71	501.6	.5983	0	0	0	
6:44	0	0	0	0	0	0	0	Psi. check
6:45	69.36	7.603	511.5	.5942	0	0	0	
6:46	69.95	7.482	519.8	.588	0	0	0	

ORIGINAL

Well BUNYON UNIT #1 #2		Field HUGOTON		Service Date 10/2/97		Customer IOBIL OIL CORP V39050079		Job Number 20023335	
Time	CumVol	Density	Pressure Mt	Flowrate				Message	
24 hr clock	bbl	ppg	psi	bpm					
6:47	70.53	7.434	699.1	.2375	0	0	0		
6:48	70.59	7.3	919.4	1955E-7	0	0	0		
6:48	0	0	0	0	0	0	0	Bump Top Plug	
6:49	70.59	7.23	53.7	2506E-14	0	0	0		
6:49	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	5.7	146	0	26	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
520	920	100	0	0		0 bbl	0 lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement		<input type="checkbox"/> Cement Circulated to Surface? Volume		bbl			
0 %	0 bbl	70.7 bbl		<input type="checkbox"/> Washed Thru Perfs To		0 ft			
Customer or Authorized Representative Larry Love			Dowell Supervisor Charley King			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

ORIGINAL

STATE COURT

JAN 4 5 1998

CONSERVATION DIVISION