

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 S1OW Temp. Abd.
 Gas ENHR S1GH
 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. _____

11-15-97 11-19-97 12-29-97
Spud Date Date Reached TD Completion Date

API NO. 15- 189-221790000

County Stevens

- SW - SW - SW Sec. 17 Twp. 31 Rge. 35 X E W

465 Feet from (S)N (circle one) Line of Section

137 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 Juanita F. Phillips Unit Well # 7

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3008 KB 3017

Total Depth 2891 PBTB 2830

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 A.H. 1 5-13-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 5,000 ppm Fluid volume 260 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 2-19-98

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

Notary Public Lynn K. Hunt

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

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
<input checked="" type="checkbox"/>	Distribution
<input type="checkbox"/>	KCC <u>SWD/Report</u> <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS <u>Plug</u> <input type="checkbox"/> Other
	(Specify)

CONSERVATION DIVISION
Wichita, Kansas



Operator Name Mobil Oil Corporation Lease Name Juanita F. Phillips Unit Well # 7
 Sec. 17 Twp. 31 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:
 NO LOGS RUN

Log Formation (Top), Depth and Datums Sample

Name Top Datum

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	250 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2881	Class C Class C	250 100	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	2578-2586	Acid: 1,000 gals 7.5% HCL	
	2612-2622	Fract: 36,000 gals WF130 in 75q foam	
	2660-2670	100,180 lbs 16/30 sand	
	2710-2730		

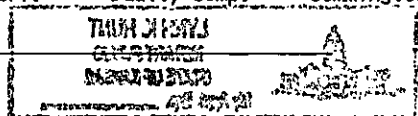
TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 12-19-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		278			

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2578
 (If vented, submit ACO-18.) Other (Specify) 2730





Cementing Service Report

Customer MOBIL DRILLING	Job Number 20030509
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Well J. E. Phillips 7	Location (legal) Sec.	Dowell Location Ulysses, KS	Service Date 11/12/97
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Field Hugoton	Formation Name/Type Surface	Deviation 0	Bit Size 12.3 in	Well MD 600 ft	Well TVD 600 ft
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County Stevens	State/Province Kansas	BHP 0 psi	BHST 70 °F	BHCT 65 °F	Pore Press. Gradient 0 psi/ft
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Rig Name	Drilled For Gas	Service Via Land	Casing/Liner		
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Offshore Zone	Well Class New	Well Type Development	Depth, ft 595	Size, in 8.625	Weight, lb/ft 24	Grade USS50	Thread 8rd
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Drilling Fluid Type Bentonite	Max. Density 9.2 lb/gal	Plastic Viscosity 33 cp	Tubing/Drill Pipe				
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Service Line Cementing	Job Type Cem Surface Casing	Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade	Thread
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Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure 0 psi	Well Head Connection Single cement head	Perforations/Open Hole				
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Service Instructions Safely deliver & perform Surface cement treatment with materials & equipment listed below. Per clients instructions Loc Code 62628 Acc Code 4903 I.D. RDWORLEY Total Field Price \$ 5866.35	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">ORIGINAL</div>
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Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	Total Interval 0 ft
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Treat Down Casing	Displacement 35.2 bbl	Packer Type None	Packer Depth 0 ft
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Tubing Vol. 0 bbl	Casing Vol. 37.9 bbl	Annular Vol. 44.1 bbl	Open Hole Vol 0 bbl
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Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools		Squeeze Job	
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Lift Pressure: 244 psi	Shoe Type: Guide	Squeeze Type	
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Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth: 595 ft	Tool Type:		
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No. Centralizers: 5	Top Plugs: 1	Bottom Plugs: 0	Stage Tool Type	Tool Depth: 0 ft		
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Cement Head Type: Single	Stage Tool Depth: 0 ft	Tail Pipe Size: 0 in	
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Job Scheduled For: 11/16/97 8:00	Arrived on Location: 11/16/97 8:00	Leave Location: 11/16/97	Collar Type: Baffle Plate	Tail Pipe Depth: 0 ft		
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Collar Depth: 553 ft	Sqz Total Vol: 0 bbl	
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Time	CumVol 24 hr clock bbl	Density ppg	Pressure U1 psi	Reset Volume bbl	TotFlowrate bpm			Message
11:42	0	0	0	0	0	0	0	START ACQUISITION
11:42	0	8.364	-13.69	0	0	0	0	
11:43	.2887	8.364	541.9	.2887	.3345	0	0	
11:43	0	0	0	0	0	0	0	Pressure Test Lines
11:43	.3156	8.37	1264	.3156	3833E-7	0	0	
11:44	.3157	8.366	-3.712	.3157	1372E-10	0	0	
11:44	.3157	8.364	-9.147	.3157	4914E-14	0	0	
11:45	0	0	0	0	0	0	0	Start Pumping Water
11:45	.3157	8.364	-9.13	.3157	1759E-17	0	0	
11:45	1.409	8.356	96.33	1.409	5.465	0	0	
11:46	4.213	8.356	98.38	4.213	5.592	0	0	
11:46	7.024	8.336	95.69	7.024	5.592	0	0	
11:47	9.835	8.331	94.44	9.835	5.592	0	0	
11:47	12.66	8.32	95.03	12.66	5.595	0	0	
11:48	15.47	8.322	82.22	15.47	5.592	0	0	
11:48	18.28	8.321	95.56	18.28	5.592	0	0	
11:49	21.09	8.323	95.67	21.09	5.587	0	0	
11:49	23.9	8.318	95.84	23.9	5.592	0	0	
11:50	0	0	0	0	0	0	0	[Reset Volume]=0'bbl's
11:50	0	0	0	0	0	0	0	Start Mixing Lead Slurry
11:50	26.71	11.86	144.5	.8426	5.589	0	0	
11:50	29.52	11.46	165.2	3.653	5.592	0	0	

FEB 24 1998

CONSERVATION DIVISION
Wichita, KS

Well		Field				Service Date		Customer		Job Number	
J.F. Phillips #7		Hugoton				11/12/97		MOBIL DRILLING		20030509	
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate			Message			
24 hr clock	bbl	ppg	psi	bbl	bpm						
11:51	32.33	9.222	111.9	6.466	5.594	0	0				
11:51	35.14	10.46	112.7	9.277	5.592	0	0				
11:52	37.95	13.37	186.4	12.09	5.593	0	0				
11:52	40.76	11.52	114.5	14.9	5.591	0	0				
11:53	43.59	11.58	125.7	17.72	5.593	0	0				
11:53	46.39	13.17	144.5	20.53	5.589	0	0				
11:54	49.2	12.4	130.7	23.34	5.593	0	0				
11:54	52.01	12.83	132.7	26.15	5.592	0	0				
11:55	54.82	12.42	120.6	28.96	5.592	0	0				
11:55	57.63	13.08	132	31.77	5.588	0	0				
11:56	60.46	12.43	117.8	34.59	5.593	0	0				
11:56	63.27	13.25	130.3	37.4	5.592	0	0				
11:57	66.08	12.5	114.4	40.21	5.592	0	0				
11:57	68.89	13.07	119.2	43.02	5.591	0	0				
11:58	71.7	12.8	118.6	45.83	5.592	0	0				
11:59	74.52	12.79	122.5	48.65	5.592	0	0	ORIGINAL			
11:59	77.33	12.77	122.6	51.46	5.597	0	0				
12:00	80.14	12.79	126.7	54.27	5.593	0	0				
12:00	82.95	12.75	122.2	57.08	5.588	0	0				
12:01	85.76	12.81	125.6	59.89	5.592	0	0				
12:01	88.58	12.9	127.6	62.71	5.592	0	0				
12:02	91.39	12.84	125.5	65.53	5.593	0	0				
12:02	94.2	12.71	121.4	68.34	5.592	0	0				
12:03	97.01	12.65	121.1	71.15	5.59	0	0				
12:03	99.82	12.78	115.7	73.96	5.593	0	0				
12:04	102.6	12.93	123.4	76.77	5.593	0	0				
12:04	105.5	12.91	125.4	79.59	5.59	0	0				
12:05	108.3	12.8	123.7	82.4	5.592	0	0				
12:05	111.1	12.59	114.7	85.21	5.592	0	0				
12:06	113.9	13.53	140.1	88.02	5.592	0	0				
12:06	0	0	0	0	0	0	0	[Reset Volume]=0 bbl			
12:06	0	0	0	0	0	0	0	Start Mixing Tail Slurry			
12:06	116.7	15.1	184.2	1.684	5.588	0	0				
12:07	119.5	14.96	211.6	4.506	5.591	0	0				
12:07	122.3	14.57	202.6	7.317	5.592	0	0				
12:08	125.1	14.5	182.5	10.13	5.592	0	0				
12:08	127.2	14.08	66.57	12.18	2.987	0	0				
12:09	128.7	14.77	69.46	13.66	2.937	0	0				
12:09	130.1	14.91	79.07	15.13	2.939	0	0				
12:10	131.6	14.08	85.43	16.62	2.94	0	0				
12:10	133.1	14.69	71.77	18.09	2.944	0	0				
12:11	134.6	14.96	80.78	19.57	2.936	0	0				
12:11	136.1	14.15	74.89	21.05	2.938	0	0				
12:12	137.5	14.73	62.52	22.52	2.936	0	0				
12:12	139	15.1	68.52	24.01	2.937	0	0				
12:13	140.5	14.85	73.69	25.48	2.939	0	0				
12:13	142	14.5	57.66	26.96	2.939	0	0				
12:14	143.4	14.65	58.26	28.44	2.935	0	0				
12:14	144.9	14.97	53.8	29.91	2.929	0	0				
12:15	146.4	15.14	61.25	31.4	2.934	0	0				
12:15	147.8	13.6	15.95	32.81	1.466	0	0				
12:16	147.9	13.64	-9.121	32.89	5357E-7	0	0				
12:16	147.9	13.56	-4.858	32.89	1918E-10	0	0				
12:17	148.6	12	18.7	33.63	2.059	0	0				

Wall		Field				Service Date		Customer		Job Number	
J.E. Phillips #7		Hugoton				11/12/97		MOBIL DRILLING		20030509	
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate	Message					
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
12:17	149.8	10.39	14.1	34.82	2.45	0	0				
12:18	151.1	9.136	12.53	36.06	2.46	0	0				
12:18	152.3	8.679	16.34	37.3	2.461	0	0				
12:19	153.5	8.416	17.48	38.53	2.456	0	0				
12:19	0	0	0	0	0	0	0	[Reset Volume]=7 bbl			
12:19	154.8	8.242	16.06	7.329	2.451	0	0				
12:20	156	8.261	20.22	8.565	2.459	0	0				
12:20	157.1	8.293	14.38	9.628	1.982	0	0				
12:21	158.1	8.296	14.93	10.62	1.982	0	0				
12:21	159.1	8.331	13.38	11.62	1.98	0	0				
12:22	160.1	8.355	18.36	12.61	1.973	0	0				
12:22	161.1	8.356	27.15	13.6	1.976	0	0				
12:23	162	8.334	37.31	14.59	1.971	0	0				
12:23	163	8.31	53.61	15.58	1.962	0	0				
12:24	164	8.292	62.66	16.57	1.968	0	0				
12:24	165	8.317	67.05	17.55	1.962	0	0	ORIGINAL			
12:25	166	8.332	71.75	18.54	1.957	0	0				
12:25	167	8.333	77.75	19.52	1.955	0	0				
12:26	167.9	8.313	88.18	20.5	1.937	0	0				
12:26	168.9	8.307	83.36	21.48	1.943	0	0				
12:27	169.9	8.307	82.34	22.45	1.934	0	0				
12:27	170.9	8.356	93.98	23.42	1.932	0	0				
12:28	171.8	5.97	107.3	24.4	1.929	0	0				
12:28	172.8	3659E-5	105.6	25.36	1.918	0	0				
12:29	173.8	1601E-8	104.1	26.33	1.926	0	0				
12:29	174.7	-3467E-7	117.5	27.3	1.915	0	0				
12:30	175.7	-7627E-6	124.3	28.26	1.921	0	0				
12:30	176.7	-7631E-6	135.4	29.23	1.911	0	0				
12:31	177.6	-7631E-6	138.2	30.19	1.904	0	0				
12:31	178.6	-7631E-6	153.6	31.15	1.902	0	0				
12:32	179.6	-7631E-6	159	32.11	1.911	0	0				
12:32	180.5	-8228E-6	164.1	33.06	1.901	0	0				
12:33	181.5	-7631E-6	166	34.02	1.898	0	0				
12:33	182.2	-7631E-6	778.7	34.73	.1155	0	0				
12:33	0	0	0	0	0	0	0	Bump Top Plug			
12:34	182.2	-7631E-6	806.4	34.73	4133E-8	0	0				
12:34	182.2	-7631E-6	801.7	34.73	148E-10	0	0				
12:35	182.2	-7631E-6	408.3	34.73	5298E-15	0	0				
12:35	182.2	-7631E-6	342.9	34.73	1897E-18	0	0				
12:35	0	0	0	0	0	0	0	Bleed Off Pressure			

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
2.5	0	0	5.6	117	0	0	0
Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
170	170	140	800	0		0 bbl	0 lb/gal
Avg. N2 Percent		Designed Slurry Volume		Displacement		Cement Circulated to Surface	
0 %		0 bbl		35.2 bbl		<input checked="" type="checkbox"/> Cement Circulated to Surface <input type="checkbox"/> Washed Thru Perforations	
Customer or Authorized Representative				Dowell Supervisor			
Russell Worley				Dave Brawley			
				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			

Cement Circulated to Surface
 Washed Thru Perforations
 To
 OBSERVATION DIVISION
 Wichita, Kansas



Cementing Service Report

Customer MOBIL DRILLING				Job Number 20030512				
Well J.F. Phillips 7		Location (legal) Sec 17-31S-35W		Dowell Location Ulysses, KS		Service Date 11/12/97		
Field Hugoton		Formation Name/Type Chase		Deviation 0	Bit Size 7.88 in	Well MD 2,891 ft	Well TVD 2,891 ft	
County Stevens		State/Province Kansas		BHP 0 psi	BHST 95 °F	BHCT 85 °F	Pore Press. Gradient 0 psi/ft	
Rig Name NORSEMAN 2	Drilled For Gas	Service Via Land		Casing/Liner				
Offshore Zone	Well Class New	Well Type Development		Depth, ft 2881	Size, in 5.5	Weight, lb/ft 14	Grade USS50	
Drilling Fluid Type Bentonite	Max. Density 9.2 lb/gal	Plastic Viscosity 33 cp		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade 0	
Service Line Cementing	Job Type Cem Prod Casing		Tubing/Drill Pipe					
Max. Allowed Tubing Pressure 2500 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection Single cement head		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade 0	
Service Instructions Safely deliver & perform Longstring Cement Treatment with materials & equipment listed below. Per clients instructions. I. D. RDWORLEY Acc Code 4903 Loc Code 62628 Total Field Price \$8267.63				Perforations/Open Hole				
				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	Total Interval 0 ft
				Diameter 0 in	Treat Down Casing	Displacement 69.1 bbl	Packer Type None	Packer Depth 0 ft
				Tubing Vol. 0 bbl	Casing Vol. 70.3 bbl	Annular Vol. 89 bbl	OpenHole Vol 0 bbl	
				Casing Tools		Squeeze Job		
				Shoe Type: Guide	Shoe Depth: 2881 ft	Stage Tool Type 0 ft	Stage Tool Depth: 0 ft	Tail Pipe Size: 0 in
Squeeze Type 0 ft	Tool Type: 0 ft	Tool Depth: 0 ft	Tail Pipe Depth: 0 ft	Sqz Total Vol: 0 bbl				
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	No. Centralizers: 14	Top Plugs: 1	Bottom Plugs: 0	Cement Head Type: Single	Job Scheduled For: 11/19/97 5:00	Arrived on Location: 11/19/97 5:00	
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Collar Type: Auto-Fill	Collar Depth: 2834 ft					
Lift Pressure: 1698 psi								
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate			Message
24 hr clock	bbl	ppg	psi	bbl	bpm			
11:17	0	0	0	0	0	0	0	START ACQUISITION
11:17	233E-5	8.394	72.77	233E-5	.1398	0	0	
11:17	.7227	8.362	81.84	.7227	2.007	0	0	
11:18	.8667	8.394	72.77	.8667	5578E-5	0	0	ORIGINAL
11:19	.8861	8.394	81.5	.8861	3716E-6	0	0	ORIGINAL
11:19	.8867	8.394	71.19	.8867	2188E-6	0	0	
11:20	.8868	8.394	71.25	.8868	7403E-10	0	0	
11:20	.9934	8.394	80.07	.9934	.9708	0	0	
11:21	1.145	8.396	2488	1.145	3347E-6	0	0	
11:21	1.15	8.394	122.3	1.15	4882E-5	0	0	
11:22	1.178	8.396	78.75	1.178	5424E-5	0	0	
11:22	0	0	0	0	0	0	0	Pressure Test Lines
11:22	0	0	0	0	0	0	0	Start Pumping Water
11:22	1.199	8.394	81.87	1.199	.034	0	0	
11:23	2.758	8.326	274.1	2.758	5.342	0	0	
11:23	5.505	8.333	285	5.505	5.475	0	0	
11:24	8.259	8.329	291	8.259	5.492	0	0	
11:24	11.01	8.332	296.4	11.01	5.475	0	0	
11:25	13.77	8.322	300.3	13.77	5.479	0	0	
11:25	16.53	8.319	305.7	16.53	5.473	0	0	
11:26	19.28	8.318	311.8	19.28	5.472	0	0	
11:26	22.03	8.317	316.7	22.03	5.471	0	0	

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Well		Field				Service Date		Customer		Job Number	
J.F. Phillips #7		Hugoton				11/12/97		MOBIL DRILLING		20030512	
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate			Message			
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
11:27	24.78	8.638	318.5	24.78	5.495	0	0				
11:27	0	0	0	0	0	0	0	[Reset Volume]=0 bbl			
11:27	0	0	0	0	0	0	0	Start Mixing Lead Slurry			
11:27	27.53	11.66	349.6	2.38	5.451	0	0				
11:28	30.28	11.45	345.9	5.13	5.47	0	0				
11:28	33.03	11.54	336.2	7.886	5.478	0	0				
11:29	35.79	11.51	322.2	10.64	5.482	0	0				
11:29	38.55	11.46	309.2	13.4	5.485	0	0				
11:30	41.31	11.46	295.3	16.16	5.493	0	0				
11:30	44.08	11.6	286.7	18.94	5.502	0	0				
11:31	46.84	11.55	274.3	21.7	5.5	0	0				
11:31	49.61	11.54	263.8	24.46	5.507	0	0				
11:32	52.38	11.51	247.7	27.23	5.508	0	0				
11:32	55.14	11.49	237.6	30	5.494	0	0				
11:33	57.91	11.5	224.7	32.77	5.509	0	0				
11:33	60.68	11.32	210.4	35.53	5.518	0	0				
11:34	63.45	11.41	198.2	38.3	5.503	0	0				
11:34	66.21	11.45	189.8	41.07	5.501	0	0				
11:35	68.98	11.45	187.5	43.83	5.509	0	0				
11:35	71.84	11.43	189.8	46.69	5.507	0	0				
11:36	74.62	11.55	190.4	49.47	5.504	0	0				
11:36	77.39	11.68	191.8	52.25	5.499	0	0				
11:37	80.16	11.39	187.8	55.01	5.495	0	0				
11:37	82.93	11.43	186.8	57.78	5.514	0	0				
11:38	85.7	11.48	189.4	60.56	5.51	0	0				
11:38	88.48	11.64	193.6	63.34	5.513	0	0				
11:39	91.25	11.65	190.9	66.11	5.508	0	0				
11:39	94.02	11.54	190	68.88	5.521	0	0				
11:40	96.8	11.45	190.5	71.66	5.527	0	0				
11:40	99.67	11.51	191	74.52	5.506	0	0				
11:41	102.4	11.44	191.2	77.3	5.515	0	0				
11:41	105.2	11.4	191.3	80.07	5.503	0	0				
11:42	108	11.5	194.3	82.84	5.501	0	0				
11:42	110.7	11.56	193.7	85.6	5.5	0	0				
11:43	113.5	11.54	193.8	88.36	5.489	0	0				
11:43	116.3	11.45	192.4	91.15	5.52	0	0				
11:44	119.1	11.49	194.1	93.92	5.511	0	0				
11:44	121.8	11.53	194.7	96.68	5.508	0	0				
11:45	124.6	11.51	195.3	99.45	5.507	0	0	ORIGINAL			
11:45	127.4	11.31	191.6	102.2	5.529	0	0				
11:46	130.2	11.53	195.3	105	5.51	0	0				
11:46	132.9	11.52	195	107.8	5.503	0	0				
11:47	135.7	11.56	195.5	110.6	5.518	0	0				
11:47	138.5	11.54	195.6	113.3	5.509	0	0				
11:48	141.2	11.52	195.8	116.1	5.51	0	0				
11:48	144	11.54	195.6	118.9	5.51	0	0				
11:49	146.8	11.55	194.9	121.6	5.509	0	0				
11:49	149.6	12.22	202.6	124.4	5.512	0	0				
11:49	0	0	0	0	0	0	0	[Reset Volume]=0 bbl			
11:49	0	0	0	0	0	0	0	Start Mixing Tail Slurry			
11:50	152.3	15.04	245.8	2.3	5.455	0	0				
11:50	155.1	15.13	269.7	5.049	5.458	0	0				
11:51	157.8	14.98	266.1	7.799	5.472	0	0				
11:51	160.6	14.75	259.8	10.55	5.465	0	0				

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Well			Field			Service Date		Customer		Job Number	
J.F. Phillips #7			Hugoton			11/12/97		MOBIL DRILLING		20030512	
Time	CumVol	Density	Pressure U1	Reset Volume	TotFlowrate			Message			
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
11:52	163.3	14.72	260.8	13.3	5.476	0	0				
11:52	166.1	14.78	257.6	16.05	5.47	0	0				
11:53	168.8	15.07	274.8	18.81	5.479	0	0				
11:53	171.6	14.84	259.5	21.57	5.482	0	0				
11:54	174.4	14.82	266.9	24.32	5.478	0	0				
11:54	175.5	14.26	78.6	25.48	2487E-5	0	0				
11:55	176.8	12.3	260.8	26.73	4.925	0	0				
11:55	179.3	10.21	246.9	29.3	5.141	0	0				
11:56	181.9	9.509	290.9	31.92	5.735	0	0				
11:56	184.1	9.548	81.93	34.04	.5486	0	0				
11:57	184.1	9.704	87.66	34.12	1.228	0	0				
11:57	186.5	9.858	127.1	36.46	5.495	0	0				
11:58	189.3	9.815	135.7	39.24	5.504	0	0				
11:58	0	0	0	0	0	0	0	[Reset Volume]=6 bbl			
11:58	192	9.796	138.2	7.568	5.505	0	0				
11:59	194.8	9.656	142.9	10.37	5.586	0	0				
11:59	197.6	9.486	143.6	13.17	5.582	0	0				
12:00	200.4	9.528	145.4	15.98	5.596	0	0				
12:00	203.3	9.344	145.5	18.81	5.615	0	0				
12:01	206.1	9.615	145	21.63	5.592	0	0				
12:01	208.9	9.495	182.8	24.44	5.606	0	0				
12:02	211.7	9.432	195.8	27.26	5.601	0	0				
12:02	214.5	9.488	220.2	30.08	5.592	0	0				
12:03	217.4	9.548	246.2	32.9	5.592	0	0				
12:03	220.2	9.493	271.7	35.7	5.588	0	0				
12:04	223	9.469	299.2	38.51	5.588	0	0				
12:04	225.8	9.432	324.6	41.32	5.557	0	0				
12:05	228.6	9.432	357.8	44.11	5.543	0	0				
12:05	231.4	9.435	407	46.9	5.539	0	0				
12:06	234.1	9.405	468.5	49.68	5.511	0	0				
12:06	236.9	9.4	530.8	52.44	5.465	0	0				
12:07	239.7	9.384	593.7	55.19	5.462	0	0				
12:07	242.4	9.396	654.8	57.93	5.441	0	0				
12:08	245.1	9.402	721.4	60.68	5.425	0	0				
12:08	247.9	9.394	783.5	63.41	5.436	0	0				
12:09	250.6	9.361	834.9	66.14	5.432	0	0	ORIGINAL			
12:09	252.6	9.386	751.8	68.09	2.297	0	0				
12:10	253.7	9.256	780.6	69.23	2.256	0	0				
12:10	254.8	9.133	796.1	70.37	2.22	0	0				
12:11	0	0	0	0	0	0	0	Bump Top Plug			
12:11	255.4	9.159	991.5	70.93	2592E-5	0	0				
12:11	255.4	8.358	752.1	70.93	9279E-9	0	0				
12:12	0	0	0	0	0	0	0	Bleed Off Pressure			
12:12	255.4	8.236	178.1	70.93	3322E-12	0	0				
12:12	255.4	8.128	77.33	70.93	1189E-15	0	0				
12:13	255.4	7.972	77.29	70.93	4258E-19	0	0				

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 CONSERVATION DIVISION
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Well J.F. Phillips #7			Field Hugoton			Service Date 11/12/97		Customer MOBIL DRILLING		Job Number 20030512	
Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	Reset Volume bbl	TotFlowrate bpm	Message					
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		146	0	0	0			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density			
850	650	400	1350	0		0 bbl		0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	3 bbl			
0 %	0 bbl		69.3 bbl		<input type="checkbox"/> Washed Thru Perfs		To	0 ft			
Customer or Authorized Representative Russell Worley				Dowell Supervisor Dave Brawley				<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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