

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. _____

10-13-97 10-16-97 10-27-97
Spud Date Date Reached TD Completion Date

API NO. 15- 189-22200000

County Stevens

SE - SE - SW Sec. 15 Twp. 32 Rge. 36 X W E

600 Feet from S (circle one) Line of Section

2500 Feet from E (circle one) Line of Section

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

Lease Name Moyer #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3049 KB 3058

Total Depth 2915 PBTB 2868

Amount of Surface Pipe Set and Cemented at 596 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 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

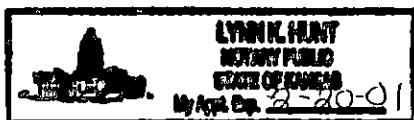
Title Regulatory Assistant Date 1-27-98

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

Notary Public Lynnk K. Hunt

Date Commission Expires February 20, 2001
8-6.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
STATE OF KANSAS Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)	
<u>1-29-98</u>	



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Moyer #1 Unit Well # 3
 Sec. 15 Twp. 32 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 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

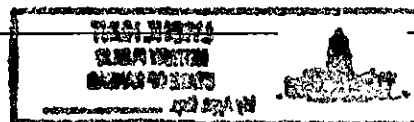
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	596	Class C Class C	225 125	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2905	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	2658-63	Acid: 1,000 gals 7.5% HCL	
	2692-2702	Fract: 35,000 gals WF130 in 85q foam	
	2742-50	100,240 lbs .16/30 sand	
	2786-96		

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. 11-10-97	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 247	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2658
 (If vented, submit ACO-18.) Other (Specify) 2796





Cementing Service Report

ORIGINAL

Customer MOBIL OIL CORP V390500757A	Job Number 20024120
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Well Moyer Unit #1 3		Location (legal) sec 15-32S-36W		Dowell Location Ulysses, KS		Service Date 10/6/97			
Field Hugoton		Formation Name/Type Dirty-Sandstone		Deviation 0 °		Well MD 606 ft			
County Stevens		State/Province Ks		BHP 0 psi		Well TVD 606 ft			
Rig Name NORSEMAN 4		Drilled For Gas		Service Via Land		Casing/Liner			
Water Depth		Well Class 101		Well Type Development		Depth, ft 596			
Drilling Fluid Type Bentonite		Max. Density 9.3 lb/gal		Plastic Viscosity 0 cp		Size, in 8.63			
Service Line Cementing		Job Type Cem Surface Casing		Weight, lb/ft 23		Grade 0			
Max. Allowed Tubing Pressure 0 psi		Max. Allowed Ann. Pressure 0 psi		Wellhead Connection Single cement head		Thread			
Service Instructions Cement and Equipment to safely cement 8 5/8 surface casing as per customer's request. Loc# 62544 Acc. Code 4903 I.D. MTHARVEY Field Est \$4578.70				Perforations/Open Hole		Total Interval			
				Top, ft		Bottom, ft		0 ft	
				0		0		Diameter	
				0		0		0 in	
				Treat Down Casing		Displacement 35.4 bbl		Packer Type	
Tubing Vol. 0 bbl		Casing Vol. 38 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: 225 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide			
No. Centralizers: 4		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 596 ft			
Cement Head Type: Single		Job Scheduled For: 10/13/97 22:30		Arrived on Location: 10/13/97 22:30		Leave Location:			
						Stage Tool Type 0 ft			
						Tool Depth: 0 ft			
						Tail Pipe Size: 0 in			
						Collar Type: Other			
						Tail Pipe Depth: 0 ft			
						Collar Depth: 555 ft			
						Sqz Total Vol: 0 bbl			
Time	CumVol	Density	Pressure U1	TotFlowrate			Message		
24-hr clock	bbl	ppg	psi	bpm					
23:35	0	0	0	0	0	0	START ACQUISITION		
23:35	0	8.333	-4945E-12	0	0	0			
23:35	0	0	0	0	0	0	Pressure Test Lines		
23:35	.2948	8.334	431.3	.2203	0	0			
23:36	0	0	0	0	0	0	Bleed Off Pressure		
23:36	.3233	8.333	1108	1439E-8	0	0			
23:37	.3233	8.102	-.1781	9745E-14	0	0			
23:37	0	0	0	0	0	0	[CumVol]=.3626 bbl		
23:37	0	0	0	0	0	0	Reset Volume		
23:38	0	0	0	0	0	0	Start Pumping Water		
23:38	.0179	8.373	-1516E-9	9087E-5	0	0			
23:38	3.129	8.361	137.8	5.681	0	0			
23:39	7.414	8.358	141.9	5.682	0	0			
23:40	11.7	8.255	149.5	5.684	0	0			
23:41	15.99	8.307	158.7	5.655	0	0			
23:41	20.26	8.3	166.3	5.678	0	0			
23:42	0	0	0	0	0	0	[CumVol]=24.36 bbl		
23:42	0	0	0	0	0	0	Reset Volume		
23:42	9521E-5	9.555	176	5.695	0	0			
23:42	0	0	0	0	0	0	Start Mixing Lead Slurry		
23:43	4.383	13.26	223.6	5.684	0	0			

Well		Field				Service Date		Customer		Job Number	
Moyer Unit #1 #3		Hugoton				10/6/97		MOBIL OIL CORP V39050075		20024120	
Time	CumVol	Density	Pressure U1	TotFlowrate					Message		
24 hr clock	bbl	ppg	psi	bpm							
23:44	8.662	12.78	202.3	5.665	0	0	0				
23:44	12.94	12.7	191.4	5.682	0	0	0				
23:45	17.22	12.98	174.9	5.675	0	0	0		ORIGINAL		
23:46	21.51	13.03	166.1	5.678	0	0	0				
23:47	25.79	12.47	153.1	5.691	0	0	0				
23:47	30.07	13.38	168.7	5.668	0	0	0				
23:48	34.36	12.61	159	5.679	0	0	0				
23:49	38.65	12.84	164.3	5.683	0	0	0				
23:50	42.93	12.74	159.9	5.678	0	0	0				
23:51	47.22	12.79	164.2	5.686	0	0	0				
23:51	51.53	12.79	164.2	5.696	0	0	0				
23:52	55.83	12.56	161	5.704	0	0	0				
23:53	59.66	12.33	95.02	3.93	0	0	0				
23:54	63.63	12.92	165.1	5.709	0	0	0				
23:54	0	0	0	0	0	0	0		[CumVol]=66.88 bbl		
23:54	0	0	0	0	0	0	0		Reset Volume		
23:54	.9545	13.01	165.2	5.684	0	0	0		Start Mixing Tail Slurry		
23:55	5.22	14.98	205.2	5.661	0	0	0				
23:56	9.495	14.63	188.1	5.666	0	0	0				
23:57	13.78	14.83	200.3	5.675	0	0	0				
23:57	18.06	14.78	195	5.67	0	0	0				
23:58	22.34	14.63	194.1	5.689	0	0	0				
23:59	26.63	14.53	192.7	5.664	0	0	0				
0:00	30.91	14.63	200	5.677	0	0	0				
0:00	0	0	0	0	0	0	0		Shutdown		
0:00	33.3	13.94	27.33	.0139	0	0	0				
0:00	0	0	0	0	0	0	0		[CumVol]=33.3 bbl		
0:00	0	0	0	0	0	0	0		Reset Volume		
0:00	0	0	0	0	0	0	0		Drop Top Plug		
0:01	0	0	0	0	0	0	0		Start Displacement		
0:01	2672E-7	14.04	18.33	9418E-11	0	0	0				
0:02	2672E-7	14.04	18.25	638E-15	0	0	0				
0:03	2672E-7	14.03	18.25	4322E-21	0	0	0				
0:03	1.372	10.4	86.41	4.083	0	0	0				
0:04	4.613	8.642	105.3	4.768	0	0	0				
0:05	8.443	8.257	123.2	5.122	0	0	0				
0:06	12.33	8.283	143.4	5.172	0	0	0				
0:06	16.23	8.275	167.2	5.177	0	0	0				
0:07	0	0	0	0	0	0	0		Returns at Surface		
0:07	20.14	8.273	184.2	5.172	0	0	0				
0:08	24.37	8.294	245	5.821	0	0	0				
0:08	0	0	0	0	0	0	0		Lower Pump Rate		
0:09	27.44	8.379	175.1	2.499	0	0	0				
0:09	29.05	8.379	181.6	1.999	0	0	0				
0:10	30.56	8.379	195.2	1.995	0	0	0				
0:11	32.07	8.379	208	2.005	0	0	0				
0:11	0	0	0	0	0	0	0		Psi. check		
0:12	33.59	8.379	214.4	2.004	0	0	0		OCT 9 1997		
0:12	34.66	8.379	180.3	2771E-5	0	0	0				
0:13	34.66	8.379	155.3	1877E-10	0	0	0				
0:14	34.66	8.379	146	1272E-15	0	0	0				
0:15	34.97	8.379	207.1	.8603	0	0	0				
0:15	35.62	8.379	210.3	.8767	0	0	0				

Well Moyer Unit #1 #3		Field Hugoton			Service Date 10/6/97	Customer MOBIL OIL CORP V39050075	Job Number 20024120
Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm			Message
0:16	36.28	8.379	426	.71	0	0	
0:17	0	0	0	0	0	0	Bump Top Plug
0:17	36.32	8.379	620.4	4713E-9	0	0	ORIGINAL
0:18	36.32	8.386	617	3193E-14	0	0	
0:18	36.32	8.387	346	2163E-19	0	0	
0:19	36.32	8.386	24.42	1465E-24	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	0	0	5.7	100	0	24	0
Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
225	475	75	0	0		0 bbl	56 0lb/gal 19
Avg. N2 Percent	Designed Slurry Volume	Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 60 SKS bbl 33			
0 %	0 bbl	36 bbl		<input type="checkbox"/> Washed Thru Peris To 0 ft			
Customer or Authorized Representative Marvin Harvey			Dowell Supervisor Charley King			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed	

RECEIVED
STATE CORP. REG. COMMISSION

JAN 28 1998

CONSERVATION DIVISION

15-189-22200

Cementing Service Report

ORIGINAL



Dowell

Customer	Job Number
MOBIL OIL CORP V390500757A	20024121

Well Mayer Unit #1 3		Location (legal) sec 15-32S-36W		Dowell Location Ulysses, KS		Service Date 10/6/97	
Field Hugoton		Formation Name/Type Dolomite		Deviation 0 °	BIT Size 12.3 in	Well MD 2,915 ft	Well TVD 2,915 ft
County Stevens		State/Province Ks		BHP 0 psi	BHST 0 °F	BHCT 0 °F	Poro Press. Gradient 0 psi/ft
Rig Name NORSEMAN 4	Drilled For Gas	Service Via Land		Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
Water Depth	Well Class 101	Well Type Development		2905	5.5	14	
				0	0	0	
Drilling Fluid Type Bentonite		Max. Density 9.3 lb/gal	Plastic Viscosity 0 cp	Tubing/Drill Pipe			
				Depth,	Size, in	Weight, lb/ft	Grade
Service Line Cementing	Job Type Cem Prod Casing			0			
				0			
Max. Allowed Tubing Pressure 0 psi	Max. Allowed Ann. Pressure 0 psi	WellHead Connection Single cement head		Perforations/Open Hole			
				Top, ft	Bottom, ft	spf	No. of Shots
				0	0	0	0
				0	0	0	0
				0	0	0	0
				Treat Down	Displacement	Packer Type	Packer Depth
				Casing	69.7 bbl		0 ft
				Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
				0 bbl	70.8 bbl	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: 560 psi				Shoe Type:	Guide	Squeeze Type	
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>			Shoe Depth:	2905 ft	Tool Type:	
No. Centralizers: 10	Top Plugs: 1	Bottom Plugs: 0		Stage Tool Type		Tool Depth:	0 ft
Cement Head Type: Single				Stage Tool Depth:	0 ft	Tail Pipe Size:	0 in
Job Scheduled For: 10/16/97 0:30	Arrived on Location: 10/16/97 0:45	Leave Location:		Collar Type:	Auto-Fill	Tail Pipe Depth:	0 ft
				Collar Depth:	2858 ft	Sqz Total Vol:	0 bbl
Time	CumVol	Density	Pressure U1	TotFlowrate			Message
24 hr clock	bbl	ppg	psi	bpm			
2:54	0	0	0	0	0	0	START ACQUISITION
2:54	0	-6.365	-3716	0	0	0	
2:54	0	0	0	0	0	0	Pressure Test Lines
2:55	.2427	8.517	671.5	.1577	0	0	
2:55	0	0	0	0	0	0	Bleed Off Pressure
2:56	.2573	8.518	1964	1179E-8	0	0	
2:56	.2573	8.517	1935	7989E-14	0	0	
2:57	.2573	8.501	-6.658	5412E-19	0	0	
2:58	2.997	8.507	272.1	5.596	0	0	
2:58	0	0	0	0	0	0	Start Pumping Water
2:59	7.226	8.471	274.3	5.593	0	0	
2:59	11.44	8.458	284.5	5.593	0	0	
3:00	15.66	8.462	283.1	5.591	0	0	
3:01	19.89	8.555	287.8	5.598	0	0	
3:02	24.1	8.578	298.2	5.592	0	0	
3:02	0	0	0	0	0	0	STATE OF KANSAS COMMISSION
3:02	0	0	0	0	0	0	[CumVol]=27.1 bbl
3:02	0	0	0	0	0	0	Reset Volume 10/16/97 1958
3:02	0	0	0	0	0	0	Start Mixing Lead Slurry
3:02	1.124	11.38	327.9	5.587	0	0	
3:03	5.339	11.05	327.1	5.591	0	0	
3:04	9.567	11.51	312.1	5.594	0	0	

ORIGINAL

Well		Field			Service Date		Customer	Job Number
Moyer Unit #1 #3		Hugoton			10/6/97		MOBIL OIL CORP V39050075	20024121
Time	CumVol	Density	Pressure U1	TotFlowrate				Message
24 hr clock	bbl	ppg	psi	bpm				
3:05	13.78	11.65	292.1	5.592	0	0	0	
3:05	18	11.55	265.2	5.592	0	0	0	
3:06	22.23	11.52	245.5	5.592	0	0	0	
3:07	26.45	11.6	225.7	5.592	0	0	0	
3:08	30.67	11.61	204.8	5.592	0	0	0	
3:08	34.88	11.52	187.9	5.592	0	0	0	
3:09	39.1	11.49	166.7	5.592	0	0	0	
3:10	43.32	11.51	146.4	5.592	0	0	0	
3:11	47.53	11.68	142.4	5.591	0	0	0	
3:11	51.76	11.71	139.4	5.592	0	0	0	
3:12	55.98	11.39	133.6	5.592	0	0	0	
3:13	60.2	11.45	135.5	5.592	0	0	0	
3:14	64.41	11.49	137	5.592	0	0	0	
3:14	68.64	11.72	135.5	5.592	0	0	0	
3:15	72.86	11.68	135.6	5.592	0	0	0	
3:16	77.08	11.62	131.4	5.584	0	0	0	
3:17	81.31	11.66	135.2	5.594	0	0	0	
3:17	85.52	11.64	134.4	5.594	0	0	0	
3:18	89.74	11.61	132.8	5.593	0	0	0	
3:19	93.96	11.59	128.8	5.594	0	0	0	
3:20	98.18	11.6	123.8	5.596	0	0	0	
3:20	0	0	0	0	0	0	0	[CumVol]=101.8 bbl
3:20	0	0	0	0	0	0	0	Reset Volume
3:20	.4687	11.01	113.8	5.591	0	0	0	
3:21	0	0	0	0	0	0	0	Start Mixing Tail Slurry
3:21	4.684	15.1	232.6	5.591	0	0	0	
3:22	8.901	15.02	227.1	5.589	0	0	0	
3:23	13.12	15.05	227.6	5.59	0	0	0	
3:24	17.33	14.97	215.6	5.584	0	0	0	
3:24	21.55	14.85	207.6	5.596	0	0	0	
3:25	25.78	14.65	196.1	5.596	0	0	0	
3:25	0	0	0	0	0	0	0	Shutdown
3:26	0	0	0	0	0	0	0	[CumVol]=27 bbl
3:26	0	0	0	0	0	0	0	Reset Volume
3:30	3793E-7	8.306	-9.246	7131E-12	0	0	0	
3:30	0	0	0	0	0	0	0	Drop Top Plug
3:30	0	0	0	0	0	0	0	Start Displacement
3:31	3793E-7	8.313	-16.38	3708E-17	0	0	0	
3:32	3793E-7	8.314	-16.11	2512E-22	0	0	0	
3:33	7513E-5	8.335	11.19	1.697	0	0	0	
3:33	3.626	8.343	63.34	5.592	0	0	0	
3:34	7.829	8.189	64.2	5.592	0	0	0	
3:35	12.1	8.18	75.83	5.592	0	0	0	
3:36	16.31	8.26	74.08	5.592	0	0	0	
3:36	20.53	8.291	73.48	5.593	0	0	0	
3:37	24.75	8.222	78.5	5.593	0	0	0	
3:38	28.98	8.174	106.3	5.59	0	0	0	
3:39	33.19	8.219	137.6	5.594	0	0	0	

STATE OF TEXAS

JAN 28 1998

COMMISSION DIVISION

Well		Field				Service Date		Customer		Job Number	
Moyer Unit #1 #3		Hugoton				10/6/97		MOBIL OIL CORP V39050075		20024121	
Time	CumVol	Density	Pressure U1	TotFlowrate					Message		
24 hr clock	bbbl	ppg	psi	bpm							
3:42	49.25	8.215	213.6	2.009	0	0	0				
3:43	50.77	8.097	247.9	2.013	0	0	0				
3:44	52.29	7.919	282.3	2.011	0	0	0	ORIGINAL			
3:45	53.8	7.894	316.5	2.007	0	0	0				
3:45	55.32	7.547	332.7	2.008	0	0	0				
3:46	56.83	7.338	357.2	2.009	0	0	0				
3:47	58.35	7.161	387.6	2.002	0	0	0				
3:48	59.86	7.024	401.3	2.006	0	0	0				
3:48	61.38	6.529	439	2.007	0	0	0				
3:49	62.89	6.618	455.6	2.007	0	0	0				
3:50	64.4	6.147	485.8	1.999	0	0	0				
3:51	65.91	8.367	511.4	2	0	0	0				
3:51	67.42	7.99	539.7	1.999	0	0	0				
3:52	68.93	7.997	560.6	1.998	0	0	0				
3:52	0	0	0	0	0	0	0	Psi. check			
3:53	0	0	0	0	0	0	0	Bump Top Plug			
3:53	69.73	8.047	1345	3181E-6	0	0	0				
3:54	69.73	8.138	734.7	2155E-11	0	0	0				
3:54	69.73	8.153	2.941	146E-15	0	0	0				
3:54	0	0	0	0	0	0	0	Bleed Off Pressure			
3:55	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	129	0	27	0
Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
560	1450	100	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	69.8 bbl					
Customer or Authorized Representative			Dowell Supervisor			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed	
Marvin Harvey			Charley King				

RECEIVED
STATE COMMISSION

JAN 28 1998