

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5208Name: Mobil Oil CorporationAddress P.O. Box 21732319 North Kansas AvenueCity/State/Zip Liberal, KS 67905-2173Purchaser: Spot MarketOperator Contact Person: Sharon CookPhone (316) 626-1142Contractor: Name: Norseman Drilling Inc.License: 3779Wellsite Geologist: L. J. Reimer

Designate Type of Completion

X New Well Re-Entry WorkoverX Oil SWD SLOW Temp. Abd.X Gas ENHR SIGWDry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWDPlug Back PBTDCommingled Docket No. _____Dual Completion Docket No. _____Other (SWD or Inj?) Docket No. _____11-24-97 12-1-97 12-18-97

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 129-215380000

County MortonSE NW NW Sec. 24 Twp. 33 Rge. 40 X E W1250 Feet from S(N) (circle one) Line of Section1250 Feet from E(W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Chamber #1 Unit Well # 2Field Name HugotonProducing Formation ChaseElevation: Ground 3269 KB 3278Total Depth 2810 PBTD 2750Amount of Surface Pipe Set and Cemented at 539 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set NA FeetIf Alternate II completion, cement circulated from NAfeet depth to NA w/ NA sx cmt.Drilling Fluid Management Plan 44-1, 5-20-98 UCR
(Data must be collected from the Reserve Pit)Chloride content 3,500 ppm Fluid volume 200 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name Mobil Oil CorporationLease Name _____ License No. 5208Quarter 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. CookTitle Regulatory Assistant Date 3-18-98Subscribed and sworn to before me this 18th day of March, 19 98.Notary Public Lynn K. HuntDate Commission Expires February 20, 2001
8-23.kcc

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	<u>X</u> Wireline Log Received
C	Geologist Report Received
Distribution	
<u>X</u> KGC	<u>SWD/Rep</u> <u>NGPA</u>
<u>KGS</u>	<u>Plug/BB</u> <u>Other</u>
(Specify)	
<u>3-19-98</u>	

Form ACO-1 (7-91)

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Chambers #1 Unit Well # 2
 Sec. 24 Twp. 33 Rge. 40 ☐ East ☒ West
 County Morton

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.)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datums	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Glorietta	1232	1384
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	Stone Corral	1652	1674
List All E.Logs Run: Array Induction W/Linear Correlation Compensated Neutron Litho-Density/GR Natural Gamma Ray Spectrometry		Chase	2396	2729
		Council Grove	2729	--

CASING RECORD ☒ New ☐ 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#	539	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2797	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
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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	2460-2470	Acid: 1,000 gals 7.5% HCL	
	2498-2508	Fract: 40,000 gals WF130 in 75q foam	
	2578-2588	122,140 lbs 16/30 sand	
	2626-2636		

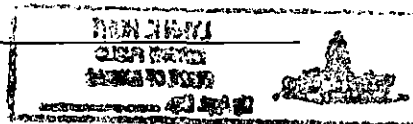
TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 12-17-97	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		128			

Disposition of Gas: METHOD OF COMPLETION

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

Production Interval

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2460
☐ Other (Specify) 2636



Schlumberger

Dowell

Cementing Service Report

ORIGINAL

Customer MOBIL DRILLING				Job Number 20031897																																																																																																																																																																																																																		
Well Chambers Unit #1 2		Location (legal) sec 24-33S-40W		Dowell Location Ulysses, KS		Service Date 11/24/97																																																																																																																																																																																																																
Field Hugoton		Formation Name/Type Dirty-Sandstone		Deviation 0 °		Well MD 544 ft																																																																																																																																																																																																																
County Morton		State/Province Ks		BHP 0 psi		BNST 0 °F																																																																																																																																																																																																																
Rig Name NORSEMAN 2		Drilled For Gas		Service Via Land		BHCT 0 °F																																																																																																																																																																																																																
Offshore Zone		Well Class New		Well Type Development		Pore Press. Gradient 0 psi/ft																																																																																																																																																																																																																
Drilling Fluid Type Bentonite				Max. Density 9.3 lb/gal		Plastic Viscosity 0 cp																																																																																																																																																																																																																
Service Line Cementing				Job Type Cem Surface Casing																																																																																																																																																																																																																		
Max. Allowed Tubing Pressure 0 psi				Max. Allowed Ann. Pressure 0 psi		Wellhead Connection Single cement head																																																																																																																																																																																																																
Service Instructions Cement and Equipment to safely cement 8 5/8 surfac casing as per customer's request. I.D. RDWORLEY Field Est. \$5850.56				Casing/Liner																																																																																																																																																																																																																		
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				Stage Tool Depth: 0 ft		Tool Depth: 0 ft																																																																																																																																																																																																																
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Job Scheduled For: 11/25/97 0:30				Arrived on Location:		Leave Location:																																																																																																																																																																																																																
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Well			Field			Service Date		Customer		Job Number	
Chambers Unit #1 #2			Hugoton			11/24/97		MOBIL DRILLING		20031897	
Time	CumVol	Density	Pressure U1	TotFlowrate				Message			
24 hr clock	bbl	ppg	psi	bpm							
4:18	10.23	8.153	161.7	5.965	0	0	0	ORIGINAL			
4:19	13.24	8.313	160.1	5.991	0	0	0				
4:19	16.25	8.345	159.2	5.97	0	0	0				
4:20	19.26	8.312	160	5.992	0	0	0				
4:20	22.28	8.289	160.2	6	0	0	0				
4:21	0	0	0	0	0	0	0	[CumVol]=24.9 bbl			
4:21	0	0	0	0	0	0	0	Reset Volume			
4:21	.3026	8.227	158.3	6.033	0	0	0				
4:21	0	0	0	0	0	0	0	Start Mixing Lead Slurry			
4:21	3.303	12.87	236.7	5.904	0	0	0				
4:22	6.267	13.68	264.4	5.93	0	0	0				
4:22	9.274	10.25	169.2	6.031	0	0	0				
4:23	12.29	11.31	163.3	5.964	0	0	0				
4:23	15.26	14.19	280.4	5.934	0	0	0				
4:24	18.29	9.939	139.5	6.021	0	0	0				
4:24	21.28	14.42	294.1	5.88	0	0	0				
4:25	24.29	10.52	140.3	6.013	0	0	0				
4:25	27.3	11.18	156.9	5.984	0	0	0				
4:26	30.31	11.58	156.6	5.988	0	0	0				
4:26	33.32	12.06	165.9	6.017	0	0	0				
4:27	36.36	9.789	127	6.024	0	0	0				
4:27	39.37	12.58	131.9	6.01	0	0	0				
4:28	42.39	9.439	116.5	5.997	0	0	0				
4:28	45.39	12.89	182.7	5.922	0	0	0				
4:29	48.36	13.76	236.6	5.98	0	0	0				
4:29	51.39	9.158	116.9	6.018	0	0	0				
4:30	54.41	9.89	121.7	5.993	0	0	0				
4:30	57.43	10.1	130.4	5.974	0	0	0				
4:31	59.77	10.53	89.75	4.122	0	0	0				
4:32	61.85	10.83	95.36	4.136	0	0	0				
4:32	63.92	10.59	91.37	4.12	0	0	0				
4:33	65.99	11.63	110	4.101	0	0	0				
4:33	68.05	11.81	118.6	4.11	0	0	0				
4:34	70.11	11.54	113	4.105	0	0	0				
4:34	72.17	11.34	106.1	4.091	0	0	0				
4:35	74.22	11.25	105.2	4.125	0	0	0				
4:35	76.3	11.43	107	4.117	0	0	0				
4:36	78.37	11.62	108	4.114	0	0	0				
4:36	80.43	11.55	108.1	4.121	0	0	0				
4:37	82.5	11.41	109.5	4.115	0	0	0				
4:37	84.56	11.46	111.7	4.064	0	0	0				
4:38	86.61	11.21	107.7	4.082	0	0	0				
4:38	88.67	13.33	121.1	4.089	0	0	0				
4:39	90.73	11.52	93.29	4.14	0	0	0				
4:39	92.81	12.37	99.06	4.125	0	0	0				
4:40	94.88	13.41	116.5	4.091	0	0	0				
4:40	96.93	13.98	134.1	4.065	0	0	0				
4:41	98.98	14.33	147.1	4.099	0	0	0				
4:41	101	13.94	135.3	4.105	0	0	0				
4:42	103.1	12.91	111.1	4.128	0	0	0				
4:42	104.8	12.59	29.45	.5559	0	0	0				
4:43	104.9	12.6	6.568	1991E-7	0	0	0	[CumVol]=104.9 bbl			
4:43	0	0	0	0	0	0	0	Reset Volume			

Well			Fluid			Service Date		Customer		Job Number	
Chambers Unit #1 #2			Hugoton			11/24/97		MOBIL DRILLING		20031897	
Time	CumVol	Density	Pressure U1	TotalFlowrate				Message			
24 hr clock	bbl	ppg	psi	bpm							
4:43	0	0	0	0	0	0	0	Drop Top Plug			
4:43	0	0	0	0	0	0	0	Start Displacement			
4:43	8454E-9	12.99	-7.872	7126E-11	0	0	0				
4:44	8458E-9	12.94	-9.151	2551E-14	0	0	0				
4:44	0	0	0	0	0	0	0	Returns at Surface			
4:44	0	0	0	0	0	0	0	20bbl/59sks returned			
4:44	8458E-9	12.98	-9.152	9135E-18	0	0	0				
4:45	5597E-5	13.04	-9.152	.7725	0	0	0				
4:45	.8988	12.11	27.23	1.506	0	0	0	ORIGINAL			
4:46	1.655	4.962	18.59	1.497	0	0	0				
4:46	2.727	4.805	18.66	2.729	0	0	0				
4:47	4.107	4.805	22.87	2.731	0	0	0				
4:47	5.478	4.805	24.87	2.714	0	0	0				
4:48	7.266	4.805	61.66	4.83	0	0	0				
4:48	9.696	4.805	159.4	4.785	0	0	0				
4:49	12.15	4.805	79.44	4.92	0	0	0				
4:49	14.6	4.805	91.34	4.852	0	0	0				
4:50	17.03	4.805	110.6	4.76	0	0	0				
4:50	19.41	4.805	124.3	4.706	0	0	0				
4:51	20.96	4.805	94.22	2.454	0	0	0				
4:51	22.14	4.805	94.2	1.871	0	0	0				
4:52	22.96	4.805	100.3	1.6	0	0	0				
4:52	23.75	4.805	105.2	1.572	0	0	0				
4:53	24.53	4.805	113.7	1.528	0	0	0				
4:53	25.3	4.805	122	1.5	0	0	0				
4:54	26.04	4.805	128.5	1.463	0	0	0				
4:54	26.77	4.805	135.1	1.44	0	0	0				
4:55	27.34	4.805	118.3	.129	0	0	0				
4:55	27.35	4.805	101.5	4616E-8	0	0	0				
4:56	27.38	4.805	119.1	.4595	0	0	0				
4:56	28.34	4.805	149.1	2.444	0	0	0				
4:57	29.56	4.805	150.2	2.423	0	0	0				
4:57	29.94	4.805	740	6593E-6	0	0	0				
4:58	29.94	4.805	732.8	2361E-9	0	0	0				
4:58	29.94	4.805	721.6	8452E-13	0	0	0				
4:59	0	0	0	0	0	0	0	Bump Top Plug			
4:59	29.94	4.805	711.1	3026E-16	0	0	0	Bleed Off Pressure			
4:59	0	0	0	0	0	0	0	End Job			
4:59	29.94	4.805	496.1	1083E-19	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	0	0	5.2		109	0	25	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
176	735	125	735	0		0 bbl	0 lb/gal		
Avg. N2 Percent		Designed Slurry Volume		Displacement	☒ Cement Circulated to Surface?		Volume 20 bbl		
0 %		0 bbl		31.8 bbl	☐ Washed Thru Perfs To		0 ft		
Customer or Authorized Representative					Dowell Supervisor		☐ Circulation Lost		
Russell Worley					Charley King		☒ Job Completed		

Schlumberger

Dowell

Cementing Service Report

ORIGINAL

Customer				Job Number			
MOBIL DRILLING				20031898			
Well		Location (legal)		Dowell Location		Service Date	
CHAMBERS UNIT #1 2		24, 33S, 40W		Ulysses, KS		11/25/97	
Field		Formation Name/Type		Deviation		Well MD	
HUGOTON		Dolomite		0		2,810 ft	
County		State/Province		BHP		Pore Press. Gradient	
Morton		KS		0 psi		0 psi/ft	
Rig Name		Drilled For		Service Via		Casing/Liner	
NORSEMAN 2		Gas		Land		Depth, ft	
Offshore Zone		Well Class		Well Type		Size, in	
		New		Development		Weight, lb/ft	
Drilling Fluid Type		Max. Density		Plastic Viscosity		Grade	
Bentonite		9.2 lb/gal		0 cp		Thread	
Service Line		Job Type		Casing		Weight	
Cementing		Cem Prod Casing		0		0	
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection		Perforations/Open Hole	
2500 psi		2500 psi		Single cement head		Top, ft	
Service Instructions						Bottom, ft	
Safely cement 5 1/2 production casing as per customers request.						spf	
Loc.						No. of Shots	
Acc. 4903						Total Interval	
I.D. LWLOVE FIELD EST. \$ 8071.73						0 ft	
						Diameter	
						0 in	
						Packer Type	
						Packer Depth	
						0 ft	
						OpenHole Vol	
						0 bbl	
Casing/Tubing Secured ☒		1 Hole Volume Circulated prior to Cementing ☒		Casing Tools		Squeeze Job	
Lift Pressure: 650 psi		Pipe Rotated ☐		Pipe Reciprocated ☐		Shoe Type: Guide	
Pipe Rotated ☐		Pipe Reciprocated ☐		Shoe Depth: 2795 ft		Squeeze Type	
No. Centralizers: 17		Top Plugs: 1		Bottom Plugs: 0		Tool Type:	
Cement Head Type: Single		Stage Tool Type		Tool Depth: 0 ft		Stage Tool Depth: 0 ft	
Job Scheduled For: 11/30/97 21:00		Arrived on Location: 11/30/97 21:00		Leave Location: 12/1/97 1:30		Collar Type: Auto-Fill	
						Collar Depth: 2750 ft	
						Sqz Total Vol: 0 bbl	
Time	CumVol	Density	Pressure U1	Pump			Message
24 hr clock	bbl	ppg	psi	bpm			
23:40	0	0	0	0	0	0	START ACQUISITION
23:40	0	8.761	-4762E-12	0	0	0	
23:41	8113E-5	8.79	9.075	1.21	0	0	
23:42	.6636	8.791	1802	5617E-5	0	0	
23:42	0	0	0	0	0	0	Pressure Test Lines
23:42	.6728	8.806	2575	8257E-8	0	0	
23:43	.6728	8.798	5.232	3563E-12	0	0	
23:43	0	0	0	0	0	0	[CumVol]=.6728 bbl
23:43	0	0	0	0	0	0	Reset Volume
23:43	3724E-15	8.765	1863E-6	1537E-16	0	0	
23:44	0	0	0	0	0	0	Start Pumping Water
23:44	1.876	8.731	272.1	5.524	0	0	
23:45	5.435	8.724	261	5.592	0	0	
23:45	9.008	8.718	251.7	5.593	0	0	
23:46	12.57	8.703	243.9	5.596	0	0	
23:47	16.13	8.697	242.5	5.59	0	0	
23:47	19.69	8.707	248.1	5.592	0	0	
23:48	23.26	8.639	245.8	5.591	0	0	
23:48	0	0	0	0	0	0	Lean
23:48	0	0	0	0	0	0	Start Mixing Slurry
23:48	0	0	0	0	0	0	[CumVol]=24.58 bbl
23:48	0	0	0	0	0	0	Reset Volume
23:49	2.156	11.44	264.4	5.592	0	0	

Well CHAMBERS UNIT #1 #2			Field HUGOTON			Service Date 11/25/97		Customer MOBIL DRILLING	Job Number 20031898
Time	CumVol	Density	Pressure U1	Pump				Message	
24 hr clock	bbl	ppg	psi	bpm					
23:49	5.717	11.73	258.4	5.592	0	0	0		
23:50	9.278	11.56	238.4	5.592	0	0	0		
23:51	12.85	11.57	215.5	5.594	0	0	0		
23:51	16.41	11.61	197.7	5.592	0	0	0		
23:52	19.97	11.44	177	5.594	0	0	0	ORIGINAL	
23:52	23.53	11.56	166.1	5.592	0	0	0		
23:53	27.1	11.68	155.5	5.59	0	0	0		
23:54	30.67	11.68	145.6	5.592	0	0	0		
23:54	34.23	11.39	137.2	5.592	0	0	0		
23:55	37.79	11.4	140.2	5.592	0	0	0		
23:56	41.36	11.38	142.5	5.587	0	0	0		
23:56	44.92	11.72	145.4	5.594	0	0	0		
23:57	48.48	11.79	146	5.592	0	0	0		
23:58	52.04	11.48	139.4	5.577	0	0	0		
23:58	55.61	11.68	140.5	5.592	0	0	0		
23:59	59.17	11.68	138.6	5.592	0	0	0		
23:59	62.73	11.68	139.3	5.592	0	0	0		
0:00	66.29	11.71	141.6	5.592	0	0	0		
0:01	69.85	11.57	134.5	5.591	0	0	0		
0:01	73.42	11.56	137.1	5.592	0	0	0		
0:02	76.98	11.8	137.8	5.589	0	0	0		
0:03	80.54	11.66	139.3	5.592	0	0	0		
0:03	84.11	11.44	132.8	5.592	0	0	0		
0:04	87.68	11.54	131.9	5.592	0	0	0		
0:05	91.24	11.78	139.9	5.592	0	0	0		
0:05	94.8	11.79	140.2	5.594	0	0	0		
0:06	98.36	11.41	136.2	5.592	0	0	0		
0:06	101.9	11.49	138.8	5.591	0	0	0		
0:07	105.5	11.54	127.9	5.592	0	0	0		
0:08	109.1	11.71	125.9	5.592	0	0	0		
0:08	112.6	11.79	136.8	5.592	0	0	0		
0:09	116.2	11.79	129.2	5.592	0	0	0		
0:10	119.8	11.63	129.4	5.592	0	0	0		
0:10	0	0	0	0	0	0	0	Lean	
0:10	0	0	0	0	0	0	0	End Tail Slurry	
0:10	0	0	0	0	0	0	0	[CumVol]=120.6 bbl	
0:10	0	0	0	0	0	0	0	Reset Volume	
0:10	0	0	0	0	0	0	0	Start Mixing Tail Slurry	
0:10	2.623	13.92	165.5	5.588	0	0	0		
0:11	6.184	14.75	202.1	5.593	0	0	0		
0:12	9.756	14.97	205	5.592	0	0	0		
0:12	13.32	14.94	202.3	5.596	0	0	0		
0:13	16.88	14.82	197.1	5.591	0	0	0		
0:13	20.44	15.07	199.2	5.604	0	0	0		
0:14	24.01	14.71	192.3	5.59	0	0	0		
0:15	0	0	0	0	0	0	0	End Tail Slurry	
0:15	0	0	0	0	0	0	0	Drop Top Plug	
0:15	26.6	14.27	16.69	.1678	0	0	0		
0:15	0	0	0	0	0	0	0	Start Displacement	
0:15	0	0	0	0	0	0	0	[CumVol]=26.61 bbl	
0:15	0	0	0	0	0	0	0	Reset Volume	
0:15	3882E-7	14.32	-6.461	7241E-9	0	0	0		
0:16	3886E-7	14.38	-16.8	3124E-13	0	0	0		
0:17	.1623	14.01	38.01	1.628	0	0	0		
0:17	2.186	10.48	142.1	3.73	0	0	0		

Well		Field		Service Date		Customer		Job Number	
CHAMBERS UNIT #1 #2		HUGOTON		11/25/97		MOBIL DRILLING		20031898	
Time	CumVol	Density	Pressure U1	Pump				Message	
24 hr clock	bbl	ppg	psi	bpm					
0:18	4.559	8.715	106.4	3.724	0	0	0		
0:19	6.912	8.684	58.79	2.896	0	0	0		
0:19	7.113	8.642	10.18	1629E-7	0	0	0		
0:20	7.113	8.685	-6.289	7027E-12	0	0	0		
0:20	7.818	8.741	49.59	3.724	0	0	0		
0:21	11.06	8.784	81.02	5.709	0	0	0		
0:22	14.71	8.754	78.98	5.712	0	0	0		
0:22	18.35	8.671	77.85	5.711	0	0	0		
0:23	21.99	8.72	75.52	5.718	0	0	0		
0:24	25.63	8.728	70.4	5.722	0	0	0		
0:24	29.27	8.718	131.6	5.706	0	0	0		
0:25	32.9	8.759	160.6	5.602	0	0	0	ORIGINAL	
0:26	36.46	8.615	204.3	5.592	0	0	0		
0:26	40.02	8.693	235.4	5.592	0	0	0		
0:27	43.58	8.645	274.8	5.592	0	0	0		
0:27	47.15	8.638	325.1	5.591	0	0	0		
0:28	50.71	8.613	380.6	5.592	0	0	0		
0:29	54.27	8.572	445.3	5.589	0	0	0		
0:29	57.84	8.609	502.3	5.584	0	0	0		
0:30	61.4	8.639	560	5.59	0	0	0		
0:31	64.96	8.706	626.9	5.593	0	0	0		
0:31	0	0	0	0	0	0	0	Lower Pump Rate	
0:31	68.34	8.626	603.7	3.878	0	0	0		
0:32	69.89	8.212	592	2.127	0	0	0		
0:33	71.23	8.036	628.8	2.076	0	0	0		
0:33	72.54	7.913	651.8	2.039	0	0	0		
0:34	73.83	7.796	685	1.988	0	0	0		
0:34	74.45	.84	1208	5493E-6	0	0	0		
0:34	0	0	0	0	0	0	0	Bump Top Plug	
0:35	74.45	.7951	1068	237E-9	0	0	0		
0:36	74.45	.7962	17.09	1023E-14	0	0	0		
0:36	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	0	0	5.5		135	0	25	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
1208	1208	200	1208	0		0 bbl	0 lb/gal		
Avg. N2 Percent		Designed Slurry Volume		Displacement	☒ Cement Circulated to Surface?		Volume	2	bbl
0 %		0 bbl		67.5 bbl	☐ Washed Thru Perfs		To	0	ft
Customer or Authorized Representative				Dowell Supervisor			☐ CirculationLost		
Larry Love				Jeffrey Dutton			☒ Job Completed		