



00053560

Rev 8/98

State of Colorado

Oil and Gas Conservation Commission

DEPARTMENT OF NATURAL RESOURCES

WELL ABANDONMENT REPORT

This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for one year after the approval date; after that period a new intent will be required. After the plugging is complete, this form shall again be submitted as a subsequent report of the work as actually completed.

OGCC Operator Number: 08985	Contact Name & Phone
Name of Operator: BONNEVILLE FUELS CORP. 2200	
Address: 1660 Lincoln Street, Suite 1800	No: 303 863-1555 x233
City: Denver State: CO Zip: 80264	Fax: 303 863-1558
API Number: 05- 10309892	
Well Name: Federal	Number: 16-24-1N-103W
Location (QtrQtr, Sec, Twp, Rng, Meridian): SE/SW 16 T1N R103W	
County: Rio Blanco	Federal, Indian or State lease number: C-38440
Field Name: Taiga Mountain	Field Number:

FOR OGCC USE ONLY

RECEIVED

JUN 17 98

COGCC

ET	OE	PR	ES
24 hour notice required, contact			
@			
Complete the			
Attachment Checklist			
Wellbore Diagram		Oper	OGCC
Cement Job Summary			
Wireline Job Summary			

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Background for Intent Only

Reason for abandonment:	<input type="checkbox"/> Dry	<input type="checkbox"/> Production Sub-economic	<input checked="" type="checkbox"/> Mechanical Problems	<input type="checkbox"/> Other
Casing to be pulled:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	Top of casing cement:	
Fish in hole:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	If yes, explain details below:	
Wellbore has uncemented casing leaks:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	If yes, explain details below:	
Details:				

Current and Previously Abandoned Zones

Formation	Perforations	Date	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth

Casing History

Casing String	Size	Cement Top	Stage Cement Top
Surface	8 5/8	Surface	

Plugging Procedure for Intent and Subsequent Report

1. CIBP #1 Depth	CIBP #2 Depth	CIBP #3 Depth	NOTE: Two (2) sacks cement required on all CIBPs		
2. Set 100	sks cmt from 560	ft. to 408'	<input checked="" type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Annulus
3. Set	sks cmt from	ft. to	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
4. Set	sks cmt from	ft. to	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
5. Set	sks cmt from	ft. to	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
6. Set	sks cmt from	ft. to	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
7. Perforate and squeeze @	ft. with	SKS	Leave at least 100 ft. in casing		
8. Perforate and squeeze @	ft. with	SKS	Leave at least 100 ft. in casing		
9. Perforate and squeeze @	ft. with	SKS	Leave at least 100 ft. in casing		
10. Set	SKS 1/2 in 1/2 out surface casing from	ft. to			
11. Set 10	SKS @ surface				
Cut 4 feet below ground level, weld on plate			Dry-Hole Marker	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Set SKS in rate hole			Set	SKS in mouse hole	

Additional Plugging Information for Subsequent Report Only

Casing recovered:	ft. of	In. casing	Plugging date:	6/12/98
*Wireline contractor:				
*Cementing contractor:	Schlumberger/Dowell			
Type of cement and additives used:	CI-G +2% CaCl2 & Standard @ surface			
*Attach job summaries.				

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name Thomas E. Bowman

Signed T E Bowman Title: Operations Manager Date: 6/16/98

OGCC Approved: Title: NORTHWEST AREA ENGINEER Date: JUL 24 1998

CONDITIONS OF APPROVAL, IF ANY:

Note: Plugging procedures must be pre-approved by COGCC.

Cementing Service Report

Customer: BONNEVILLE FUELS CORPORATION
Job Number: 20062396

Well FEDERAL 16-24-1N-1 16-24-1N-1		Location (legal) SEC 16 T1N R 103W		Dowell Location Vernal, UT		Job Start 6/3/98									
Field RANGLEY		Formation Name/Type		Deviation 0 °		Bit Size 0 in		Well MD 0 ft		Well TVD 0 ft					
County RIO BLANCO		State/Province COLO		BHP 0 psi		BHST 0 °F		BHCT 0 °F		Pore Press. Gradient 0 psi/ft					
Rig Name		Drilled For Oil		Service Via Land		Casing/Liner									
Offshore Zone		Well Class New		Well Type Development		Depth, ft 520		Size, in 8.63		Weight, lb/ft 24		Grade F25		Thread 8RD	
Drilling Fluid Type		Max. Density 0 lb/gal		Plastic Viscosity 0 cp		Tubing/Drill Pipe									
Service Line Cementing		Job Type Cem Surface Casing				Depth, ft 0		Size, in 0		Weight, lb/ft 0		Grade 0		Thread 0	
Max. Allowed Tubing Pressure 870 psi		Max. Allowed Ann. Pressure 0 psi		Wellhead Connection		Perforations/Open Hole									
Service Instructions SET511' SURFACE WITH 1DC8 1ABT PUMP 20 BBL GELL PILL 140 SKS LEAD 35/65 POZ/G AT 13.2 PPG YIELD 1.62 H2O 6.7 WITH 6% D20 3% S1 .25#/SK 29 +135 SKS TAIL AT 15.8 PPG YIELD 1.17 H2O 4.9 G +2% S1 .25#/SK D29 DISPLACE TO FLOAT COLLAR WITH 30 BBL WATER		Top, ft 0		Bottom, ft 0		spf 0		No. of Shots 0		Total Interval 0 ft					
		Diameter 0 in													
		Treat Down Casing		Displacement 29.7 bbl		Packer Type		Packer Depth 0 ft							
		Tubing Vol. 0 bbl		Casing Vol. 32.5 bbl		Annular Vol. 0 bbl		Open Hole Vol. 0 bbl							
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools						Squeeze Job					
Lift Pressure: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type							
No. Centralizers: 6		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 511 ft		Tool Type:							
Cement Head Type:		Stage Tool Type		Tool Depth: 0 ft											
Job Scheduled For:		Arrived on Location: 6/3/98 0:30		Leave Location: 6/3/98 8:30		Stage Tool Depth: 0 ft		Tail Pipe Size: 0 in							
						Collar Type: Float		Tail Pipe Depth: 0 ft							
						Collar Depth: 467.5 ft		Sqz Total Vol: 0 bbl							
Time	Fluid Type	Fluid Density lb/gal	Rates CO2/N2 bpm		Fluid bpm		Volumes Incr. bbl		Cum. bbl		Pressures Casing psi		Tubing psi		Message
24 hr clock															
6:15	H2O	0	0	0	0	0	0	0	0	0	0	0	0	0	PER JOB MEATING 06:15
6:17	H2O	0	0	0	0	0	0	0	0	850	0	0	0	0	Pressure test
6:24	GELL H2O	0	0	3.3	20	0	0	0	0	110	0	0	0	0	START GELL PILL
6:30	H2O	0	0	0	0	0	0	0	0	0	0	0	0	0	SHUT DOWN DROP BALL
6:31	H2O	0	0	3.3	10	30	110	0	0	110	0	0	0	0	START WATER AHEAD
6:36	CMT	13.2	0	3.3	40	70	125	0	0	0	0	0	0	0	START LEAD CMT
6:39	CMT	13.2	0	3.3	0	0	0	0	0	0	0	0	0	0	DENSITY CHECK 12.7
6:52	CMT	15.8	0	3.3	28	98	105	0	0	0	0	0	0	0	START TAIL CMT
6:54	CMT	15.8	0	3.3	0	0	0	0	0	0	0	0	0	0	DENSITY CHECK 15.8
7:02		0	0	0	0	0	0	0	0	0	0	0	0	0	SHUT DOWN DROP PLUG
7:04	H2O	8.3	0	3.3	29.7	127.7	75	0	0	0	0	0	0	0	START DISPLACEMENT
7:20	H2O	8.3	0	1	0	0	0	0	0	0	0	0	0	0	SLOW RATE
7:21	H2O	0	0	1	0	0	0	0	0	875	0	0	0	0	BUMP PLUG
7:22		0	0	0	0	0	0	0	0	0	0	0	0	0	CHECK FLOAT DIDN'T HOLD
7:23		0	0	0	0	0	0	0	0	250	0	0	0	0	PRESSURE UP ON PLUG CLOSE HEAD
7:24		0	0	0	0	0	0	0	0	0	0	0	0	0	JOB COMPLETE

Well FEDERAL 16-24-1N-1 #16-24-1N-1		Field RANGLEY		Service Date		Customer INEVILLE FUELS CORPORA		Job Number 20062396						
Time 24 hr clock	Fluid Type	Fluid Density lb/gal	Rates CO2/N2 bpm		Fluid bpm	Volumes Incr. bbl		Cum. bbl	Pressures Casing psi	Tubing psi	Message			
Post Job Summary														
Average Pump Rates, bpm						Volume of Fluid Injected, bbl								
Slurry		N2		Mud		Maximum Rate		Total Slurry		Mud		Spacer	N2	
3.3		0		0		3.3		68		0		30 0		
Treating Pressure Summary, psi						Breakdown Fluid								
Maximum		Final		Average		Bump Plug to		Breakdown		Type		Volume		Density
860		250		100		0		0				0 bbl		0 lb/gal
Avg. N2 Percent		Designed Slurry Volume		Displacement						<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume		20 bbl
0 %		0 bbl		29.7 bbl						<input type="checkbox"/> Washed Thru Perfs		To		0 ft
Customer or Authorized Representative ALEN MERRILL						Dowell Supervisor Val Cook						<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		

Schlumberger

Dowell

Cementing Service Report

Well				Location (legal)				Customer				Job Number					
FEDERAL 16-24-1N-1 16-24-1N-1				SEC 16 T1N R 103W				BONNEVILLE FUELS CORPORATION				2074					
Field				Formation Name/Type				Dowell Location				Job Start					
RANGLEY								Vernal, UT				6/7/98					
County				State/Province				BHP		BHST		BHCT		Pore Press. Gradient			
RIO BLANCO				COLO				0 psi		0 °F		0 °F		0 psi/ft			
Rig Name		Drilled For		Service Via		Casing/Liner											
		Oil				Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Offshore Zone		Well Class		Well Type		0		0		0							
						0		0		0							
Drilling Fluid Type				Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
				0 lb/gal		0 cp		Depth,		Size, in		Weight, lb/ft		Grade		Thread	
Service Line		Job Type				560		3.5		13.3							
Cementing		Plug & Abandon				0											
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection		Perforations/Open Hole											
200 psi		0 psi		3 1/2" IF DP pin		Top, ft		Bottom, ft		spf		No. of Shots		Total Interval			
Service Instructions SET 100 SKS PULG AT 560' AND 15 SKS PULG AT SURFACE @ CEMENT +2% S4						0		0		0		0		0 ft			
						0		0		0		0		Diameter			
						0		0		0		0		0 in			
						Treat Down		Displacement		Packer Type		Packer Depth					
						Drill Pipe		2 bbl				0 ft					
Tubing Vol.		Casing Vol.		Annular Vol.		Open Hole Vol											
0 bbl		0 bbl		0 bbl		0 bbl											
Casing/Tubing Secured <input type="checkbox"/>				1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>				Casing Tools				Squeeze Job					
Lift Pressure: psi								Shoe Type:				Squeeze Type					
Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>				Shoe Depth: 0 ft				Tool Type:					
No. Centralizers: 0		Top Plugs: 0		Bottom Plugs: 0		Stage Tool Type				Tool Depth: 0 ft							
Cement Head Type:				Stage Tool Depth: 0 ft				Tail Pipe Size: 0 in									
Job Scheduled For:		Arrived on Location:		Leave Location:		Collar Type:				Tail Pipe Depth: 0 ft							
		6/7/98 17:00		6/7/98 21:00		Collar Depth: ft				Seq Total Vol: 0 bbl							
Time	CumVol	Density	Elapsed Time	Pressure U1	Total Flowrate	Message											
24 hr clock	bbl	ppg	min	psi	bpm												
19:27	0	0	0	0	0	0	0	START ACQUISITION									
19:27	0	0	0	0	0	0	0	START EDT									
19:27	0	0	0	-3842	0	0	0	PER JOB MEATING									
19:27	0	0	0	0	0	0	0	Pressure Test Lines									
19:27	0	8.668	.5071	23.06	.931	0	0										
19:28	.2331	8.664	1.012	892.6	0	0	0										
19:28	.2332	8.668	1.517	234.5	0	0	0										
19:29	.8014	8.538	2.022	66.57	2.801	0	0										
19:29	2.296	9.182	2.527	47.73	3.004	0	0										
19:29	0	0	0	0	0	0	0	Start Cement Slurry									
19:30	3.812	8.886	3.031	38.47	3.021	0	0										
19:30	5.309	11.21	3.536	11.27	2.234	0	0										
19:31	5.955	14.98	4.04	16.81	1.162	0	0										
19:31	6.729	15.76	4.545	44.21	2.587	0	0										
19:32	8.094	15.43	5.051	109.6	2.711	0	0										
19:32	8.671	14.05	5.556	23.23	.4972	0	0										
19:33	8.926	15.38	6.06	27.59	.5862	0	0										
19:33	9.476	15.85	6.565	35.04	.7784	0	0										
19:34	10.48	15.63	7.069	40.26	1.21	0	0										
19:34	11.01	15.76	7.574	53.15	1.059	0	0										
19:35	11.5	15.82	8.079	54.56	.6972	0	0										
19:35	11.74	15.52	8.583	52.68	.3569	0	0										

Well			File			Service Date		Customer		Job Number							
FEDERAL 16-24-1N-1 #16-24-1N-1			RANGLEY					INEVILLE FUELS CORPOR/		2074							
Time	Cum/ol	Density	Elapsed Time	Pressure U1	Total Flowrate			Message									
24 hr clock	bbl	ppg	min	psi	bpm												
19:36	11.78	14.45	9.087	44.28	0	0	0	DENSITY CHECK 14.6									
19:36	11.78	14.64	9.59	18.59	0	0	0										
19:37	11.78	14.65	10.09	18.4	0	0	0										
19:37	12.02	15.73	10.6	88.15	1.612	0	0										
19:38	13.15	16.08	11.1	137.9	2.705	0	0										
19:38	14.51	15.63	11.6	122.5	2.717	0	0										
19:39	15.88	16.18	12.11	120.1	2.719	0	0										
19:39	17.25	16.44	12.61	107.3	2.571	0	0										
19:40	19.02	15.82	13.11	193.6	3.671	0	0										
19:40	20.87	16.35	13.62	190.3	3.66	0	0										
19:41	22.71	16.07	14.12	194.5	3.657	0	0										
19:41	24.55	16.09	14.62	181.3	3.659	0	0										
19:42	26.3	16.41	15.13	80.44	1.613	0	0										
19:42	0	0	0	0	0	0	0	Start Displacement									
19:42	27.02	16.36	15.63	26.44	1.708	0	0										
19:43	27.88	16.38	16.13	10.92	1.725	0	0										
19:43	28.67	16.38	16.64	9.195	.4441	0	0										
19:44	28.69	16.38	17.14	26.94	0	0	0	SHUT DOWN PULL PIPE									
19:44	28.69	16.38	17.64	13.38	0	0	0										
19:45	28.69	16.47	18.15	18.38	0	0	0										
19:45	28.69	16.47	18.65	18.4	0	0	0										
19:46	28.69	16.47	19.15	22.47	0	0	0										
19:46	0	0	0	0	0	0	0	STOP EDT									
Post Job Summary																	
Average Pump Rates, bpm						Volume of Fluid Injected, bbl											
Slurry		N2		Mud		Maximum Rate		Total Slurry		Mud		Spacer		N2			
2		0		0		3.8		20		0		2		0			
Treating Pressure Summary, psi						Breakdown Fluid											
Maximum		Final		Average		Bump Plug to		Breakdown		Type		Volume		Density			
200		20		100		0		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		2 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					
ALEN MERRILL						Val Cook											