

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BCO, INC.

3. Address and Telephone No.

135 GRANT, SANTA FE, NM 87501 (505) 983-1228

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1195' FSL & 445' FEL, NMPM  
SE/4 OF THE SE/4 (P)  
S22-T23N-R7W

5. Lease Designation and Serial No.

NM-6682

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FEDERAL B #13

9. API Well No.

30-043-20915

10. Field and Pool, or Exploratory Area

LYBROOK GALLUP

11. County or Parish, State

SANDOVAL, NM

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☒ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE BLM WAS NOTIFIED VIA THE CEMENT PHONE AT 11:05 AM ON 02/06/94  
4 1/2" CSG WOULD BE RUN AND CEMENTED @ 11:30 PM ON 02/06/94.  
CASING: 128 JTS, 4 1/2" J55, 11.6#, SET AT 5742'  
CENTRALIZERS: 11 GALLUP, 11 SPACED ABOVE GALLUP, 2 F. M. OJO  
CEMENT BASKETS: 5229', 4156', 1419'  
LEAD: 1000 SX 65/35 POZ, 12% BENTONITE, 6.25 LB/SX FLOCELE AND  
0.6% HALAD-322, DENSITY=11.3 PPG, YIELD=2.64 CUBIC FEET/SX  
TAIL: 150 SX CLASS "G" PREMIUM, 6.25 LB/SX GILSONITE, 8 BL/SX  
SALT, 0.5 LB/SX FLOCELE AND 2% CALCIUM CHLORIDE, DENSITY=15.2 PPG  
, YIELD=1.38 CUBIC FEET PER SX  
THE PLUG WAS DOWN AT 10:00 AM ON FEBRUARY 7, 1994

CIRCULATED 43.5 BARRELS (244 CUBIC FEET) OF CEMENT TO SURFACE

CERTIFIED RETURN RECEIPT REQUESTED: P326 823 110

(SEE ATTACHED HALLIBURTON JOB LOG)

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title

SENIOR FIELD ENGINEER

Date

02/08/94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

NMOCD

FARMINGTON DISTRICT OFFICE

RY

FIELD	SEC. 22	TWP. 13N	RNG. 7W	COUNTY. Sandoval	STATE. NM
FORMATION NAME					
FORMATION THICKNESS	FROM	TO			
INITIAL PROD. OIL	BPD. WATER	BPD. GAS	MCFD		
PRESENT PROD. OIL	BPD. WATER	BPD. GAS	MCFD		
COMPLETION DATE	MUD TYPE	MUD WT.			
PACKER TYPE	SET AT				
BOTTOM HOLE TEMP.	PRESSURE				
MISC. DATA	TOTAL DEPTH		5745		

## JOB DATA

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
FLOAT COLLAR 53 1/2 4 1/2	1	Howco	
FLOAT SHOE 53 1/2 "	1	"	
GUIDE SHOE			
CENTRALIZERS 5 4 "	2	Turbo	
BOTTOM PLUG			
TOP PLUG 5 6 1/2	1	"	
HEAD SET	1	"	
PACKER			
OTHER Lined Cap	3	"	

TREAT. FLUID	DENSITY	LB./GAL. °API
DISPL. FLUID	DENSITY	LB./GAL. °API
PROP. TYPE	SIZE	LB.
PROP. TYPE	SIZE	LB.
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
SURFACTANT TYPE	GAL.	IN
NE AGENT TYPE	GAL.	IN
FLUID LOSS ADD. TYPE	GAL.-LB.	IN
GELLING AGENT TYPE	GAL.-LB.	IN
FRIC. RED. AGENT TYPE	GAL.-LB.	IN
BREAKER TYPE	GAL.-LB.	IN
BLOCKING AGENT TYPE	GAL.-LB.	
PERMAC BALLS TYPE	QTY.	
OTHER		
OTHER		

CEMENT DATA								
STAGE	NUMBER OF BAGS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./BK.	MIXED LBS./GAL.	
1	2000	65/35		B	12 1/2 Total Gel 6 1/4 #3K Gel/somite 1/4 #3K Floccle 6/10 of 1 #3 Hobad 322	2.64	11.3	
2	150	Premium		B	6 1/4 #3K Gel/somite 8 #3K Soft 1/2 #3K Floccle 28 CC	1.58	15.2	

PRESSURES IN PSI				SUMMARY					
CIRCULATING	DISPLACEMENT			PRESLUSH BBL.-GAL.	600	VOLUMES	1120		
BREAKDOWN	MAXIMUM			LOAD & BKDN: BBL.-GAL.		TYPE	5 flush 8 CC HV		
AVERAGE	FRACTURE GRADIENT			TREATMENT: BBL.-GAL.		BAD: BBL.-GAL.			
SHUT-IN: INSTANT	5-MIN.	15-MIN.		CEMENT SLURRY: BBL.-GAL.	506	DISPL. BBL.-GAL.	89		
HYDRAULIC HORSEPOWER				TOTAL VOLUME: BBL.-GAL.	655	REMARKS			
ORDERED	AVAILABLE	USED		See Job Log					
AVERAGE RATES IN BPM									
TREATING	DISPL.	OVERALL							
CEMENT LEFT IN PIPE									
FEET	45	REASON	Shoe						

**JOB LOG FORM 2013 R-3**

 DATE **2-7-14** / **1**

 CUSTOMER **BCO** WELL NO. **13** LEASE **Fed-B** JOB TYPE **4 1/2 In. Limestone** TICKET NO. **536461**

0730						ON location Safety Meeting Rigup
						7 1/2 Hole TD 5745
						4 1/2" 11.6 Csg
0800	5			✓	300	H2O Ahead
0802	5	10		✓	350	Switch to 28CC H2O
0804	5	10		✓	350	Switch to H2O
0807	5	10		✓	400	Switch to Superflush
0813	5	21		✓	400	Switch to H2O
0815	6.5	10		✓	480	Switch to Lead Cmt Mix at 113 1100
0907	6.5	470		✓	200	Switch to tail Cmt Mix at 15.2 150
0937	4.2	36		✓	150	Shut down drop Plug & Wash P&L
0940	7			✓	100	Pmp disp H2O with Sugar & Claytex
0947	3.5	50		✓	350	Slow Pmp
0958	3.5	39		✓	1250	Land Plug
0959					1750	Open Release float held
						Circ. 45 <sup>min</sup> CMT TO SURFACE

Truck Released

Thanks

Randy &amp; Crew