

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

RECEIVED

FEB 22 1994

OIL CON. DIV
DIST. 3

5. Lease Designation and Serial No.

NM-6682

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

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)

660' FSL & 2145' FWL, NMPM
SE/4 OF THE SW/4 (N)
S22-T23N-R7W

8. Well Name and No.

FEDERAL B #21

9. API Well No.

30-043-20916

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 CEMENT 4 1/2"
PROD. CASING

☐ 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 6:30 AM ON 02/14/94
4 1/2" CSG WOULD BE RUN AND CEMENTED @ 1:00 PM ON 02/14/94.
CASING: 134 JTS, 4 1/2" J55, 11.6#, SET AT 6027'
CENTRALIZERS: 10 GALLUP, 11 SPACED ABOVE GALLUP, 2 F. M. OJO
CEMENT BASKETS: 5518', 4528', 1783'
LEAD: 736 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 2:30 PM ON FEBRUARY 14, 1994

THERE WAS NO CEMENT CIRCULATED TO SURFACE. A TEMPERATURE SURVEY
WAS RAN 02/15/94 @ 9:00 AM, THE TOP OF THE CEMENT IS AT 525'.
CERTIFIED RETURN RECEIPT REQUESTED: P326 823 085

(SEE ATTACHED HALLIBURTON JOB LOG)

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

Signed [Signature] Title SENIOR FIELD ENGINEER Date 02/15/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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 or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 17 1994

*See Instruction on Reverse Side

NMOOD

FARMINGTON DISTRICT OFFICE
BY [Signature]

FIELD _____ SEC. 22 TWP. 23N RNG. 7W COUNTY Sandoval STATE NM

FORMATION NAME _____ TYPE _____
 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 6027

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	116	4 1/2	0	6027	3000
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-4</u> TIME <u>0400</u>	DATE <u>2-4</u> TIME <u>0800</u>	DATE <u>2-4</u> TIME <u>1230</u>	DATE <u>2-4</u> TIME <u>1432</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
R Snyder	40759	055730
M Squire	77104 P	"
P Marton	BOIR	"
R Kofelt	Bin	"

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 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. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT 3001
 DESCRIPTION OF JOB Crit 4 1/2 long string

JOB DONE THRU: TUBING ☐ Casing ☒ ANNULUS ☐ TBG/ANN. ☐

CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Randy Snyder COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	1000	65/35		B	128 Gal 6 1/2" SK G/12 Nitro 1/2" SK floccle 6/100 of 18 Hald 322	264	113
2	150	Premium		B	6 1/2" SK G/12 Nitro 8" SK Salt 1/2" SK floccle 2 X CC.	138	152

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 15 REASON Shut

SUMMARY

PRESLUSH: BBL.-GAL. 60 5 flack 8 H2O
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 93
 CEMENT SLURRY: BBL.-GAL. 415
 TOTAL VOLUME: BBL.-GAL. 598

REMARKS

See Job Log

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
BCO	B-21	Fed	4 1/2 longstring	536463

0810						ON location Safety Meeting Rig up
						7 7/8 Hole 4 1/2" 11.6 CSG
1230	5			✓	350	H2O Ahead
1232	5	10		✓	340	Switch to CC H2O
1234	5	10		✓	350	Switch to H2O
1235	5	10		✓	350	Switch to Superflush
1238	5	20		✓	375	Switch to H2O
1240	6.5	10		✓	420	Switch to lead CMT Mix at 11.3
1345	5.5	10		✓	100	Slow Pmp. Ann will not deliver CMT
1359	1.5	408		✓	50	Get CMT from bin
1359	5.5			✓	100	Switch to tail CMT Mix at 15.1
1407	5.5	37		✓	200	Shut down & wash P&L & drop Plug
1410	6.5				250	Pmp disp H2O with Sugar & Clay fix
1416	3.5	40		✓	650	Slow Pmp. Cough PSI
1431	2.5	53		✓	1250	land Plug
1432						open Release floats Held
						Had Good Circ Thruout Job
						Circ No CMT to Surface