

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004--0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR
BCO, Inc.
3. ADDRESS OF OPERATOR
135 Grant, Santa Fe, NM 87501
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1650 FNL and 2270 FEL
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 7380'

91 FEB 13 PM 1:46
019 FARMINGTON, N.M.
RECEIVED
MAR 04 1991
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.
NM-16586
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal I
9. WELL NO.
5
10. FIELD AND POOL, OR WILDCAT
Lybrook Gallup Ext..
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 21, T23N, R7W NMPM
12. COUNTY OR PARISH
Sandoval
13. STATE
NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) Spud Well ☒
REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

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

17. 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.)

2/3/91

Advised the answering machine with the BLM that we intended to spud the well February 3, 1991 (date) and that we intended to cement surface pipe at 4:00 pm (time) on February 3, 1991 (date).

Spudded well. Drilled 12-1/4" hole and ran 8 joints, 351'. 24# 8-5/8" limited service surface pipe. DV 3/4" at 370'. Landed pipe at 363" and cemented with 275 sacks Class B 2% CaCl cement with 1/4 lbs flocele per sack. Cement was mixed at 15.6 lbs with a yield of 1.18 cubic feet per sack or a total of 325 cubic feet. (About 58 bbls slurry) Circulated 26 barrels of cement. Plug down at 8:30 pm (time) on February 3, 1991 (date).

2/4/91

Waited for cement to set until 8:30 am. Tested casing at 1000# for 30 minutes. Casing held. Copy of Halliburton job log is attached.

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

SIGNED

Elizabeth B. Keeshan

TITLE

President

DATE 2/6/91

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

FEB 20 1991

*See Instructions on Reverse Side
NMOCD

FARMINGTON RESOURCE AREA

BY

ME

WELL DATA

FIELD Lybribe Gulf 21-23

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 SPUR mud MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC DATA _____ TOTAL DEPTH 370

JOB DATA

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
<u>2-3-91</u>	<u>11:40</u>	<u>2-3-91</u>	<u>19:40</u>	<u>2-3-91</u>	<u>19:55</u>	<u>2-3-91</u>	<u>20:30</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>TUAN Webster</u>	<u>39858</u>	<u>FAV</u>
<u>77972</u>	<u>Pick up</u>	<u>FAV</u>
<u>Curt HARTOTT</u>	<u>5240-7541</u>	<u>11</u>
<u>5240-7541</u>	<u>RCM (P)</u>	<u>11</u>
<u>Roy Wilkerson</u>	<u>485-5981</u>	<u>Fletch</u>
<u>68358</u>	<u>R.O.E.</u>	<u>Fletch</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
<u>8 5/8</u>		
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	<u>HANCO</u>
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT FLUID Cmt DENSITY 15.6 LB/GAL-API

DISPL FLUID H2O DENSITY 8.33 LB/GAL-API

PROP TYPE _____ SIZE _____ LB

PROP TYPE _____ SIZE _____ LB

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

SURFACTANT TYPE _____ GAL _____ IN

HE AGENT TYPE _____ GAL _____ IN

FLUID LOSS ADD. TYPE _____ GAL-LB _____ IN

GELLING AGENT TYPE _____ GAL-LB _____ IN

PRC. RED. AGENT TYPE _____ GAL-LB _____ IN

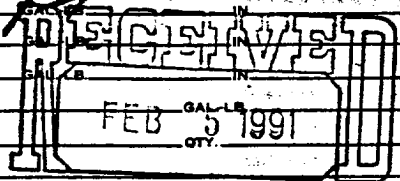
BREAKER TYPE _____ GAL-LB _____ IN

BLOCKING AGENT TYPE _____ GAL-LB _____ IN

REFPAC BALLS TYPE _____ GAL-LB _____ IN

OTHER _____

OTHER _____



BCO, INC.

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	275	STD	Isenal	B	2% Cact 2 1/4" Fkcole PB	118	15.6

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT 140

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ 3 _____ DISPL _____ 3 _____ OVERALL _____ 3 _____

CEMENT LEFT IN PIPE _____

30' _____ REASON Shut Joint

SUMMARY

VOLUMES 10 TYPE H2O

PRESLUSH BBL-GAL _____

LOAD & SKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL 21.5 GAL

CEMENT SLURRY: 58 GAL _____

TOTAL VOLUME: BBL-GAL _____

REMARKS

See Job Log!

Circ 26 BBLs Cmt to Surface!

JOB LOG

WELL NO.

CUSTOMER

JOB TYPE

3001

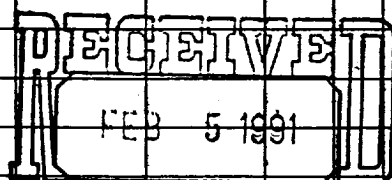
85th Ave

PAGE NO.

DATE

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	14:15							On Loc w Flt Equip & Pump Truck, Safety meeting
	14:20							Spot Pump truck
								Curtis to Rig-up for Job
								Cementor to Look for Bulk truck
	14:40							Bulk truck Stuck in Ditch
								Water trucks Pull Bulk truck out
								Water trucks Stuck Can't Get
								Bulk truck Around water truck
								Wait on Rig-up truck
	19:40							Bulk Equip on Location
	19:55	1 to 3	10				50	Pump H ₂ O Flush
	20:00	3	58				75	Mix & Pump Cement @ 15.6 #/GA
	20:18	—	—				—	Shut Down Drop Plug
	20:20	3	—				50	Pump Displacement
	20:30	3	2 1/2				140	Disp in, Shut in manifold
								NOTE: Circ 26 BBLs out to surface
								Job Complete
								Thank You For
								Calling Halliburton SWS
								Ken, Curt & Crew



BCO, INC.

CUSTOMER