

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078562	
2. NAME OF OPERATOR BCO, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 135 GRANT SANTA FE, NEW MEXICO 87501		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1695' FSL - 820' FEL.		8. FARM OR LEASE NAME LYBROOK	
14. PERMIT NO.		9. WELL NO. 22-2R	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) GL 6748'		10. FIELD AND POOL, OR WILDCAT ESCRITO GALLUP EXT.	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 22 T24N R7W	
		12. COUNTY OR PARISH RIO ARRIBA.	
		13. STATE NEW MEXICO	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

Cement Long String

(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.)

5/18/92
5/19/92

Reached total depth of 5700'. (Drilled 7 7/8" hole.)
Ran Induction Guard log from TD - Surface. Ran
Compensated Neutron PE Density Log across selected
intervals. At 4:30 p.m. notified BLM answering
machine of intention to run and cement 4 1/2" long
string casing. Cleaned out to 5720'

Ran 128 joints 4 1/2" 11.6# J-55 and 5 joints 11.6#
N-80 casing at surface. Landed casing at 5737'.
Float collar at 5677'. Stage collar at 4542' - 4545'.
Used 18 centralizers throughout string and 2 fluid
master turbulators in Ojo Alamo as required by NTL
FRA 90-1.

Stage one from TD to stage collar was cemented as
follows: Pumped 60 barrels pre-flush then 90 sacks
65/35 Poz with 12% gel, 6 1/4 pounds per sack of
gilsonite and 1/4 pound per sack of flocele and 0.6%
Halad-322. (Mixed at 11.3 pounds with a yield of
2.64 cubic feet per sack or 238 cubic feet.) Tailed
in with 150 sacks Class "G" with 6.25 pounds per sack

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

SIGNED Elizabeth B. Keeshan TITLE PRESIDENT

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE 5/27/92

ACCEPTED FOR RECORD

DATE

JUN 01 1992

FARMINGTON RESOURCE AREA

BY

SM

*See Instructions on Reverse Side

BCO, Inc.
135 Grant
Santa Fe, New Mexico 87501

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No: SF-078562

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of gilsonite, 8 pounds per sack of salt and 1/2 pound per sack flocele and 2% calcium chloride. (Mixed at 15.2 pounds per gallon with a yield of 1.38 cubic feet per sack or 207 cubic feet.) Plug bumped.

Dropped bomb to open cement stage tool. Unable to open stage tool and pump second stage cement.

5/20/92

At 10:00 a.m. notified Wayne Townsend of BLM of cementing problem. Polanco Brothers rigged up completion unit. Went in hole with 2 3/8" tubing and cleaned out mud which had clabbered and had a high viscosity apparently because of contamination during pumping. High viscosity prevented bomb from falling. Opened cement stage tool. Attempted to circulate through cement stage tool. Were not successful.

5/21/92

Continued efforts to break circulation. Not successful. Went in hole with bit and closed cement stage tool. Plan to log first stage cement, selectively perforate and do fracture stimulation about the end of May. After well is thoroughly cleaned up will cement the appropriate interval(s) above the cement stage tool.

Copy of Halliburton Job Log is attached.

JOB LOG

1. NO. 22-2K LEASE Fed. Lybrook TICKET NO. 279083

CUSTOMER B.co

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JOB TYPE 4 1/2 Long Strike 2-Stage

DATE 5/19/92

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL.)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500	4	10				190	On - Loc. Run float equip.
	1530	4	10					Trucks on Loc. - Rig up - Safety
	1934	4	10				190	Water Spacer
	1937	4	10				190	Pump C.C. Water
	1940	4	10				226	Pump Water Spacer
	1943	4	10				260	Pump Mud Plug
	1946	4	20				296	Pump water Spacer
	1951	6	43				450	Pump Lead Cement mixed at 11.3
	1959	6	37				50	Pump Tail Cement mixed at 15.0
	2015							Drop plug - wash pumps and line
	2017	6-3	88.2				50-200	Displacement 18 water and 90.2
	2038							Plug down - drop bomb
	2114						2500	Open DV. Tool didn't open. We
								had pumped our water disp. and then
								Started on mud - we pumped 10 bbl.
								without problem but the next 10 we
								clattered and stuck - the rest of di-
								ment OK. We think the opening
								on the DV is hung up in the thick
	2330							Released from loc. leaving truck
								on loc. for tomorrow.
5/20/92	1600							5/20/92 on Loc. Rig up
	1616	1	7 3/4				1200	Circulate down tubing and out backside -
								mud extremely visc
	1650	1-4	42				1000	Circulate down backside and out tubing
								3017 ft. mud still extremely visc.
	1716							Shut down and run tubing to 4503'
	1750	1 1/2-3	38.5				1000	Cir. down backside to 4503'
	1857	3	20				800	Cin last joint down to DLS
	1906							Open DLS with tubing
	1923	4-5	35.5				1800 1900	Pump water through DV tool. did
								not see cir. at surface.
	1930						1400	Shut in pressure after 7 min.
	2004		11				*	Flow back to truck
	2111						800	Release PSI to truck and measure
								flowback 3 1/4 bbl in 21 min.
	2230							Release for day

HALLIBURTON SERVICES

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JOB TYPE 4 1/2 Long String - Pumping DATE 5/21/92

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