

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
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"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR BCO, Inc.		8. FARM OR LEASE NAME Federal D	
3. ADDRESS OF OPERATOR 135 Grant, Santa Fe, NM 87501		9. WELL NO. 6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL & 660' FWL		10. FIELD AND POOL, OR WILDCAT South Bisti Gallup Ext	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10 T23N R9W NMPM	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6730'		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

18. 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 COMPLETION ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

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

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.)*

10/07/91
thru
10/11/91

Cemented as per attached report to protect fresh water zones.

New top of cement behind 4 1/2 inch casing is at 500'. (Survey attached).

OCT 16 1991
OCT 16 1991
OCT 16 1991

ACCEPTED FOR RECORD
OCT 21 1991
FARMINGTON RESOURCE AREA
BY

OCT 17 1991
OCT 17 1991
OCT 17 1991

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

SIGNED

TITLE

PETROLEUM ENGINEER

DATE

10/16/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNAPPROVED

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No: NM-8005

Page Two

10/07/91 Rigged up Bayless Rig No. 6. Pulled rods. Tagged sand level at 4796'. Previous sand level (August 27th) was 4830' so 34' of sand has entered wellbore.

Pulled tubing. Had a substance on mud anchor with the consistency and texture of a potato chip. Appeared to be crushed sand cemented together with scale. Substance covered mud anchor and pump. Will send in with Halliburton to have analyzed.

Notified BLM answering machine of intent to perform cementing operations at 8:00 a.m.

10/08/91 Set bridge plug at 1497.79' and tested to 1000 psig. Spotted 10 gallons of 20/40 sand atop bridge plug. Perforated 4.50" casing at 1100' with one 0.45" hole. Established circulation down outside of casing and up inside of casing. Switched to conventional circulation down casing and out bradenhead. Set packer at 750'. Mixed and pumped 205 sx 65/35 poz plus 6% gel plus 0.8% halad 322 plus 2% CaCl₂ and tailed with 50 sx "B" neat plus 2% CaCl₂. Lost circulation after pumping 67 barrels slurry. Final pressure after displacement = 675 psig. (Cement did not circulate).

Closed well in. Opened after three (3) hours and water began flowing back, indication that cement was not firm. Shut down for night.

10/09/91 Pulled packer. Rigged up Tefteller, Inc. and ran temperature survey. Found top of cement at 500'. Notified Wayne Townsend of BLM. BLM advised that no further cementing would be necessary.

Ran bit and six (6) drill collars. Tagged cement at 943'. Drilled cement to 1109' and fell through. Ran in hole with retrieving head. Cleaned sand off of RBP and retrieved. Shut down for night.

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

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No: NM-8005

Page Three

10/10/91

Ran in hole with RTTS packer. With packer at 4760', spotted 500 gallons 7.5% NEFE HCl to 3994'. Set packer at 3990' and displaced acid into perfs with 12 barrels water plus 2 gallon/Mgal Clay Fix II at 1.0 BPM. Retrieved fluid control valve (found full of paraffin). Pumped 110 gallons Tretolite SP-237 and followed with 150 barrels water plus 2 gal/Mgal Clay Fix II. Pumped at 3.0 BPM with 300 psig. ISIP = 0 psig.

Pulled packer and ran in hole with bailer (pump-type). Cleaned out fill from 4796' to 4826'. Pulled bailer and shut down for night.

Note: Tretolite SP-237 is a scale inhibitor.

10/11/91

Ran tubing, pump and rods. 22' slotted orange peeled mud anchor at 4762' - 4784'. Seating nipple at 4761' - 4762', 12 joints of 2 3/8" 4.7 #J-55 TBG, tubing anchor at 4392' with 6 Pts, and 142 joints 2/8" tubing. Total tubing 154 joints.

Rod string: API-20-150-RWBC-16-04-00 pump, 189 3/4" rods, 1 each 4' sub and 1 each 1' sub.

Started pumping at 1 p.m.

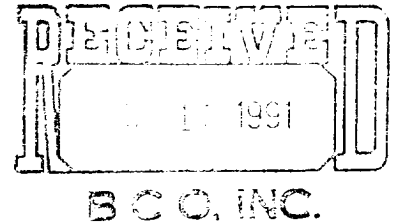
MIDLAND, TEXAS / FARMINGTON, NEW MEXICO
GRAND JUNCTION, COLORADO

reservoir engineering data

**P. O. Box 5278
Midland, Texas 79704-5278
(915) 682-5574**

**Midland Fax (915) 682-5329
Farmington Fax (505) 325-1148
Grand Junction Fax (303) 241-7634**

October 11, 1991



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

Attention: Mr. Neel Duncan

Subject: Temperature Survey
Federal "D" No. 6
San Juan County, New Mexico
File No. 2-23093-TS

Dear Mr. Duncan:

Attached hereto are the results of a temperature survey which was conducted on the above captioned well October 9, 1991.

The data presented are in graphical form.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller

NT/lw

TEMPERATURE SURVEY LOG

