

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approval
Budget Bureau No. 42-R1424

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. SF-078272
2. NAME OF OPERATOR Bco, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 669, 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 2070' FNL 2260' FWL Sec 10 T23N R7W NMPM		8. FARM OR LEASE NAME Dunn
14. PERMIT NO.	15. ELEVATIONS (Show whether DP, RT, GR, etc.) 7265 GR	9. WELL NO. 2
		10. FIELD AND NAME, OR WILDCAT Undesignated-Greenhorn-
		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA 10 T23N R7W NMPM
		12. COUNTY OR PARISH Rio Arriba NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Drill and Run Casing	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

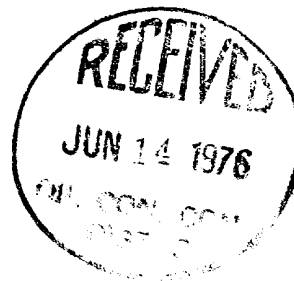
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

3-16-76 to 6-2-76

Drilled and completed well per attached detailed summary.

Copies of logs transmitted with this report

	To USGS Durango	To OCC Aztec
Dual Induction	2	1
Cement bond	2	1
Dual Spacing TDT	2	1
Borehole Compensated	2	1
F	2	1



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

SIGNED Harry R. Byrnes TITLE President

DATE June 8, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

DATE _____

Dunn #2
Federal Lease SF-078272
Undesignated Greenhorn-Dakota
Rio Arriba County, New Mexico
Ground Elevation 7265
2070' FNL 2260' FWL Sec. 10 T23N R7W NMPM

3-16-76 to 3-17-76

Drilled 12 1/4" hole 142'. Ran 3 joints (142') of 24.70# 8 5/8" surface casing and cemented with 100 sacks Class B cement with 2% Ca Cl.

4-7-76 to 4-20-76

Drilled 7 7/8" hole to 6743 -- Drillers T.D. Deviation results are as follows:

1515 -- 1/4	2490 -- 3/4	3057 -- 1/4
3568 -- 1/2	4085 -- 3/4	4712 -- 3/4
5180 -- 3/4	5480 -- A	5979 -- 1
6439 -- A	6695 -- A	

A -- Test results misplaced. Driller did not mark results on daily report.

4-20-76

Ran the following Schlumberger logs:
Borehole compensated Sonic Log -- Gamma Ray -- Logger T.D. 6737
F-log -- Logger T.D. 6737
Dual Induction -- Laterolog with Linear Correlation
Log. -- Logger T.D. 6738

4-20-76 to 4-21-76

Determined KB TD was 6733'. Ran 6730' 4 1/2" 11.60# K55 casing and cemented as follows:

Stage 1

Cemented 6732 to 5007 with 355 sacks 50/50 Poz, (Class B and Pozmix), with 2% gel. Mixed 14.15 #'s per gallon.

Stage 2

Baker DV Tool set at 5007'. Cemented 5007 to 2512 with 350 sacks 65/35 Halliburton light w/ 10#'s Gilsonite per sack. Mixed 12.1 #'s per gallon.

Stage 3

Baker DV tool set at 2512'/ Cemented 2512 to surface with 350 sacks Halliburton light w/ 10#'s Gilsonite per sack. Mixed 12.1 #'s per gallon.

5-2-76

Drilled out DV tools at 2512' and 5007'. Drilled out float equipment, 3' of cement and 2' of formation. The results of this is 6730 of cased hole and 6730 to 6735 being open hole.

5-3-76

Ran the following Schlumberger logs:
Cement bond log -- Logger T.D. 6732'
Dual Spacing Thermal Neutron Decay Time -- Logger T.D. 6734'.
Perforated as follows:
6729-6724 w/4 SPF
6647-6642, 6588-6586, 6556-6551, 6499-6494 and 6487-6485 W/2 SPF
Total shots -- 58

5-4-76

Ran RTTS packer and set at 6702.
Pumped in 6724-6735 (upper Dakota) with 500 gals 15% MCA acid. Tried to frac with 10/20 sand but couldn't. Fracked with 23,270 Gallons water; 15,000 #'s 40/60 sand; 30 gals scale protector LP55; 30 gals HYOflo; 450 #'s WG-6; 4 #'s GBW-3 and 67 sacks KcL. Average treating pressure 4200 #'s, ISIP 2075 #'s, 5 min SIP 1900 #'s.

5-4-76

Swab tested 6724-6735.

5-6-76

Retrieved Rtts. Set Baker retrievable bridge plug below 6647 and above 6724. Set Baker packer at 6606.

5-7-76

Broke down 6642-6647 (Lower Graneros) at 2600 #'s. Ran 250 gals. 15% MCA acid. Fracked with 26,700 gals. water, 25,000 #'s 20/40 sand, 30 gals. Morflo, 100 #'s Agua, 450 #'s WG-6, 4 #'s GBW-3 and 30 gals. LP 55. Average treating pressure 4050 #'s ISIP 2250 #'s, 5 min SIP 1900 #'s, 15 min. SIP 1700 #'s.

5-7-76

Set Baker retrievable bridge plug below 6588 and above 6642. Set Backer packer at 6512.

Broke down 6551-6588 (Upper Graneros) at 3200 #'s. Ran 250 gals. 15% MCA acid. Fracked with 31,580 gals. water, 10,000 #'s 20/40 sand, 20,000 #'s 10/20 sand, 31 gals. Morflo, 100 #'s Agua, 400 #'s WG-6, and 31 gals. LP 55 scale preventer. Average treating pressure 4150 #'s, ISIP 2150 #'s, 5 min. SIP 2000 #'s, 15 min. SIP 1850 #'s.

5-7-76

Set Baker retrievable bridge plug below 6499 and above 6551. Set Baker packer at 6449.

Broke down 6485-6499, (Greenhorn), at 4500 #'s. Ran 250 gals. 15% MCA and ~~200~~²⁰⁰⁰ gals. 28% HCL acid. Fracked with 16,360 gals. water, 15,000 #'s 20/40 sand, 5000 #'s 10/20 sand, 20 gals. Morflo, 100 #'s Agua, 350 #'s WG-6, 4 #'s GBW,3, and 20 gals. LP55 scale preventer. Average treating pressure 4550 #'s, ISIP 2800 #'s.

5-8-76 to 5-11-76

Removed retrievable BP and packer. Swab tested well.

5-11-76

Landed 2 3/8 tubing open ended at 6704'.

5-12-76 to 5-24-76

Ran well several times to clean up.

5-25-76

Shut well in for 7 day AOF test.

6-2-76

Deadweight pressures approximately 2017 on casing and 1987 on tubing after 7-day shut in. Tried to run AOF test on 3/4" choke and well logged off in about two hours with 425 #'s on the casing. Shut well in.

6-3-76

22 hour shut in pressures -- casing 1475, tubing 1390.

6-7-76

5 day shut in pressures -- casing 1925, tubing 1860.

6-9-76

Intend to install separator and try to clean well up so a test can be run to determine production capabilities as requested by potential gas purchasers.