rorm 3100-5 (November 1983) Formerly 9-331)	UNITED STATES ARTMENT OF THE INTE	SUBMIT IN TRIPLICAT	Expires August 31, 1985
BI	JREAU OF LAND MANAGEME	ENT	
			NM-6682 •
Do not use this form for	NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Use "Al	proposals to drill or to deepen or plu PLICATION FOR PERMIT—" for suc	lg back to/a different reservoir. h propossis.)	
		/	7. UNIT AGREEMENT NAME
WELL X WELL OT	RER	•	THE STATE OF THE S
NAME OF OPERATOR			8. FARM OR LEASE NAME
BCO, INC.			FEDERAL B
105			9. WBLL NO.
135 GRANT, SANTA FE, NEW MEXICO 87501 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*			11
See also space 17 below.) At surface			10. FIELD AND POOL, OR WILDCAT
			LYBROOK GALLUP .
2200' FSL - 2090' FEL ·			11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
			NW/4 SE/4
PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR. etc.)	SEC 22 T23N R7W NMP
	GL: 7222'.		12. COUNTY OR PARISH 13. STATE
Charl	A A B T L D		SANDOVAL ' NEW MEXIC
Спеск	Appropriate Box To Indicate	Nature of Notice, Report, or (Other Data
NOTICE OF I	NTENTION TO:	1	UBNT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON®	SHOOTING OR ACIDIZING	ABANDONMENT®
Other	CHANGE PLANS	(Other) Cement Pr	oduction Casing v
A SCHIDE OF ALL			of multiple completion on Well letion Report and Log form.) including estimated date of starting any ald depths for all markers and zones perti-
	Set and cemented 4.	50" production can	
	attached "Casing an	d Cementing Summar	ing as per the y" aṇḍ job log.
		,	
			9 7
			RECEIVED BLM 92 APR 29 PH 1: 03 19 FARMINGTON. N.P
			BLI 29
		. *	3 T X
		· OITS WE WILL	PH 1: 03
		CERNAN	♀ ;
	17	1000	× 0
		MAY 0 6 1992	3
		- mai sildal	•
	0	MAY 0 6 1992 IL CON. DEV. 1	
hereby certify that the foregoing		/ 800	
GNED A		troleum Engineer	11.00
his space for Federal or State o			DATE <u>April 28, 1992</u>
PROVED BY			ACCEPTED FOR RECORD
ONDITIONS OF APPROVAL, IF	ANY:		DATE
			MAY 0 4 1992
		See a have	WITH 0 -F 100(-

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA
BY SAME

CASING & CEMENTING SUMMARY Federal "B" No. 11

 $\underline{04/12/92}$ - Notified BLM answering machine at 10:50 pm of intent to set and cement production casing. Reached $\underline{TD~5805'}$ at 11:15 pm. Conditioned hole for logging.

 $\frac{04/13/92}{5805}$ - Ran compensated density, neutron, dual induction and GR logs from 5805' TD to surface. Ran 129 joints 4.50" 11.60# J-55 LT&C casing and 5 joints of 4.50" 11.60# N-80 LT&V casing and landed at 5798'. Float collar at 5752'. Used 23 centralizers throughout string plus 2 turbulators in Ojo Alamo as required by NTL-FRA-90-1.

Cemented casing in one stage with 740 sx 65/35 poz w/ 12% gel + 6.25 lb/sx gilsonite + 0.25 lb/sx flocele + 0.6% Halad-9. (density = 11.3 lb/gal, yield = 2.64 ft³/sx). Tailed in with 150 sx class "G" + 6.25 lb/sx gilsonite + 8 lb/sx salt + 0.5 lb/sx flocele. (density = 15.2 lbm/gal, Yield = 1.38 ft³/sx.) Displaced w/ 89 bbl fresh water w/ 2 gal/Mgal clayfix II. Circulated 85 bbl (191 sx) cement. Plug down 5:10 am.

JOB LOG

COSTOMER BCO PAGE NO.

Longstring FORM 2013 R-2 PUMPS PRESSURE (PSI) CHART NO. RATE (BPM) TIME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING On Loc. - Rigup - Sasta meeting
Rig just start pulling drill Pipe
Bulk Trucks on loc.
Wash down last 2 joints of casing 2330 water ahoad 0346 10 Calciondo nator 72 10 Merter spacer

Super mud flugh

Mater spacer

150 Rymp lead coment mixed at

"750 15/491.

300 B Rymp tail coment mixed 10 0255 20 0301 350 4 0422 40 Stort displace ment

Bon Plugdown - Float hold 300 1300 0446 80 0510 1700 Circulated 85 BBL Coment 85 Job Completo 0600 Thanks Randy