

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 3-21
3. ADDRESS OF OPERATOR 135 Grant Avenue, Santa Fe, New Mexico 87501	9. WELL NO. 5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 250' FWL 2040' FSL, Sec 21, T24N, R7W, N.M. BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA County	10. FIELD AND POOL, OR WILDCAT Escrito Gallup
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 21, T24N, R7W	12. COUNTY OR PARISH Rio Arriba
13. STATE New Mexico	
14. PERMIT NO.	15. ELEVATIONS (Show whether DV, RT, GR, etc.) 7285 GR

RECEIVED  
MAY 29 1985

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

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

5/15/85 to 5/21/85 Drilled 7 7/8" hole to 6200'

Compensated Density

5/21/85 Ran Induction Electric Gamma Log and Dual Spaced Neutron Log. Welex will mail 2 copies to BLM and 1 copy to OCC of each log run.

5/21/85 Advised Nancy Jones at 4:45 P.M. with the BLM that we intended to start cementing long string on this well between 4:00 and 6:00 A.M. Mon 5/22/85.

5/22/85 Ran 6201' 11.6# N80 4 1/2" casing. 2 stage cement job as follows:

5/22/85 Stage 1 T.D. to 6201'. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# gilsonite. Mixed at 15.2 #. Yield 1.36 cubic feet per sack or a total of 238 cubic feet. Cement was not designed to circulate above DV tool. It did not circulate above DV tool. Top of cement will be reported on a subsequent notice when we log cement. Plug pumped at 6:55 A.M.

5/22/85 Stage 2 5178' to surface. Waited 4 hours for stage 1 to set. Ran 10 barrels of water, 20 gallons of Flo Check, 5 barrels of water. 1500 sacks of 65/35 Class H, 3% gel, 12 1/2# gilsonite, 5.6# salt, 8.2# Calseal. Mixed at 13.35 pounds. Yield 1.68 cubic feet per sack or a total of 2520 cubic feet. Cement was designed to circulate. It circulated 124 Bbls. of cement. Plug pumped at 12:32 P.M.

5/22/85 Rigged drilling rig down. Waiting on cement and completion unit.

Attachments: Copy of deviation test filed with NMOCC on this well on this date.  
Copy of Drilling Bit record.

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

SIGNED Harry R. Bigbee  
Harry R. Bigbee

TITLE President

DATE 5/24/85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

JUN 04 1985

\*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA  
BY E. G. G.





CODE OF BIT CONDITION

DEGREE OF TOOTH DULLNESS



HOW TO REPORT BIT WEAR IN EIGHTHS

TOOTH DULLNESS

(general examination)

- T1 ... tooth height 1/8 gone
- T2 ... tooth height 1/4 gone
- T3 ... tooth height 3/8 gone
- T4 ... tooth height 1/2 gone
- T5 ... tooth height 5/8 gone
- T6 ... tooth height 3/4 gone
- T7 ... tooth height 7/8 gone
- T8 ... tooth height all gone

NOTE: If any one row has a majority of teeth broken, add the letters "BT" BEARING CONDITION

(check the worst cone)

- B1 ... bearing life used: 1/8
- B2 ... bearing life used: 1/4 (right)
- B3 ... bearing life used: 3/8 (medium)
- B4 ... bearing life used: 1/2 (medium)
- B5 ... bearing life used: 5/8 (loose)
- B6 ... bearing life used: 3/4 (loose)
- B7 ... bearing life used: 7/8 (locked or lost)
- B8 ... bearing life all gone (locked or lost)

BIT GAGE

I ... in gage O ... out of gage

(NOTE: If out of gage, follow the "O" with the amount out of gage in fractions of an inch)

Example #1 ... T2-B4-1 (Teeth 1/4 gone, bearing medium, bit in gage)  
Example #2 ... T6-B6-O 1/2 (Teeth 3/4 gone, broken teeth, bearing loose and bit out of gage 1/2 inch)

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CONTRACTOR Young & Co. RIG NO. 3 BIT RECORDED COUNTY Rio Arriba STATE N. Mex.

OIL COMPANY BCO LEASE/WELL NO. Federal 3-21 #5 FID/TOWN

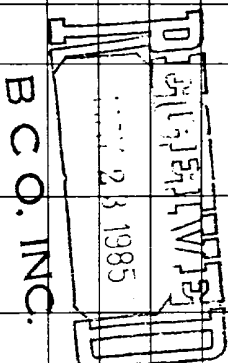
TOOL PUSHER Log Easy DR Carpenter DR Gustin DR Sec 21-T24N-R94

RIG MAKE & MODEL Clison 25 RECORD NO. HTC TOOL JOINTS: MAKE HTC SIZE/TYPE 4 1/2 X 11 O.D. 6 1/8

NO. 1 PUMP MAKE & MODEL Omaga D-250 SPUD DATE 5-14-85 UNDER SURF. 5-15-85 DRILL COLLARS: NO. 18 O.D. 5 1/2 I.D. 5 1/8

NO. 2 PUMP MAKE & MODEL Omaga D-250 INTER. 6-8 T.D. average 400

RUN NO.	SIZE MAKE	TYPE	JETS-3240			BIT SER. NO.	DEPTH OUT	FOOT. AGE	HOURS	ACCUM. HOURS	WT. 1000 LB.	RPM	VERT. DEV.	PUMP PRESS.	NO. 1		NO. 2		MUD		DULL COND.			LENGTH
			1	2	3										SPM	LIN.	SPM	LIN.	WT.	VIS.	T	B	G	
1	1 1/2	1 1/2				B.T.	229	229	4 1/4	4 1/4	100	1500	0°	1000	84	6 1/2			91	40				54
2	2 1/2	2 1/2				B.T.	2581	2352	16 1/4	20 1/2	40	90	3/4	1900	96	6			92	44	55	1		145
3	3 1/2	3 1/2				B.T.	3650	1069	18 1/2	39	40	90	1 1/4	1900	96	6			92	35	55	1		58
4	4 1/2	4 1/2				B.T.	6200	2500	78 3/4	118 3/4	38	70	3/4	1900	86	6 1/2			92	35				32



REED REPRESENTATIVE

PHONE