Form 3160-5 (June 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5.	Lease	Des	ignatio	n and	Serial	No.	
:	SF 0	78	872-	-Α			

SUNDRY NOTICES AND REPORTS ON WELLS	
is form for proposals to drill or to deepen or reentry to a different reservoir.	

Do not use this

6. If Indian, Allottee or Tribe Name

USB AFFLICATION FO	n PERMIT— for such proposals		
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation	
1. Type of Well  Oil  Well  Well  Other  2. Name of Operator  Marathon Oil Company  3. Address and Telephone No.  P.O. Box 552 Midland, Tx. 79702  4. Location of Well (Footage, Sec., T., R., M., or Survey DUNIT G, 2255' FNL & 1660' FEL  SECTION 4. T. 77 N. B. 1816' FEL	8. Well Name and No. BOLACK 4— 9. API Well No. 30-045-28771 10. Field and Pool, or Exploratory Area FRUITLAND COAL 11. County or Parish, State		
SECTION 4, T-27-N, R-11-W  12. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REPOR	SAN JUAN	
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent  Subsequent Report  Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other SPUD, DRLG & CSG OPERS.	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water (Note: Report results of multiple completion on Vell Completion or Recompletion Report and Log form.)	
13. Describe Proposed of Completed Operations (Clearly state a give subsurface locations and measured and true vertical AAADATION ON COMPANY DESCRIPTION OF	all pertinent details, and give pertinent dates, including estimated date of starting call depths for all markers and zones pertinent to this work.)*	g any proposed work. If well is directionally drilled	

MARATHON OIL COMPANY RECENTLY DRILLED AND CASED THE BOLACK 4-2 IN SAN JUAN COUNTY, NEW MEXICO. PLEASE FIND ENCLOSED A WELL HISTORY OF THIS WORK.

> JAN1 91993 OIL CON WAY.

PSR BRETON N.M.

Signed	CECIL T. PEARCE	Title DRILLING/WORKOVER SUPERINTENDENT	Date 12/28/92
(This space for Federal or State of Approved by	office use) flave	Title Daly Digt	GCEPZED SIZ - SIZL

Tide 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## BOLACK 4 WELL NO. 4 DRILL FRUITLAND COAL WELL GL: 6153' KB: 6165'

- 12/17/92 MIRU Fourcorners Rig #10. Spudded 12-1/4" surface hole @ 19:15 hrs.
- 12/18/92 TD'd 12-1/4" hole @ 346' @ 05:15 hrs. Circulated hole. Ran 9 jts of 8-5/8", 24#, K-55, STC, new csg. Shoe @ 353. RU Western. Cmt'd csg w/300 sx "B" w/2% CaCl<sub>2</sub>, & 1/4# cello flake. WOC 4 hrs. Cut off & welded on csg head. TIH w/7-7/8" bit & tagged cmt @ 287'. Drilled 66' of cmt, plug & shoe.
- 12/19/92 TD'd 7-7/8" hole @ 2060' @ 17:30 hrs. Circulated hole.
- RU Howco. Logged well w/GR-Spectra density & dual neutron w/caliper. RD HOWCO. Circulated hole. Ran 48 jts of 5-1/2", 15.5#, K-55, STC, new csg. Shoe @ 2058'. RU Western. Cmt'd csg w/210 sx "B" lite w/6% gel, 2% cc, 3% FLA, 1/4# flakes. Tailed w/100 sx "B: w/1% cc & .3% FIA. Displaced w/2% KCl water. Received full returns. Circulated 100 sx to pit. ND BOP's. Set 5-1/2" casing slips. Cut off 5-1/2" csg. NU wellhead. Released rig @ 15:30 hrs. WOCU.