Form 3160-4

SIGNED

## **UNITED STATES**

SUBMIT IN DUPLICATE ee other InFOR APPROVED

(October 1990) OMB NO. 1004-0137 DEPARTMENT OF THE INTERIOR Expires: December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO. **BUREAU OF LAND MANAGEMENT** NMSF-080712 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1a. TYPE OF WELL: 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: San Juan 30-6 Unit NMNM 78420B NEW X WORK DEEP PILIG DIFF FARM OR LEASE NAME, WELL NO #460S 2. NAME OF OPERATOR 9. API WELL NO. 30-039-27684 **BURLINGTON RESOURCES OIL & GAS COMPANY** 10. FIELD AND POOL, OR WILDCAT 3. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499 (505) 326-9700 **Basin Fruitland Coal** 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements SEC., T., R., M., OR BLOCK AND SURVEY At surface OR AREA Unit J (NW/SE), 2080' FSL & 1380' FEL At top prod. interval reported below 0 SAME Sec. 20, T30N, R6W, NMPM At total depth SAME 14. PERMIT NO. COUNTY 13. STATE 177 PARISH 😤 New Mexico Rio Arriba 18. ELEVATIONS (DF, RKB, RT, BR, ETC) 15. DATE SPUDDED 16. DATE T.D. REACHED 19.-ELEV. CASINGHEAD 2/8/05 GL 6363', KB 6375' 6/3/04 2/14/05 23. INTERVALS 20. TOTAL DEPTH, MD &TVD 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL. ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 3353 3351 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* WAS DIRECTIONAL SURVEY MADE Basin Fruitland Coal 3051'-3265' NO 26. LOGS 27. WAS WELL CORED None No CASING RECORD (Report all strings set in well ) 28 CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 9-5/8", H-40 32,3# 128 12-1/4" TOC - SURF: 50 sx 3 bbls 7", J-55 20# TOC - SURF'; 458 sx 3017 8-3/4" 20 bbls 29 LINER RECORD TUBING RECORD BOTTOM (MD) SIZE TOP (MD) SACKS CEMENT\* SCREEN (MD) DEPTH SET (MD) PACKER SET (MD) 5-1/2" 3006 3353 2-3/8", 4.7# J-55 3317' none NONE 31 PERFORATION RECORD (Interval, size and number ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. pre perf'd liner w/ 4 spf. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 3051'-3093'-42 holes 3051'-3265' Naturally surged & then used air mist. 3115'-3180'-65 holes Surging 8 days total 3222'-3265'-43 holes Total=150 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump DATE FIRST PRODUCTION WELL STATUS (Producing or shuf-in) SI SI Pump DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL--BBI GAS--MCF WATER-BBL GAS-OIL RATIO TEST PERIOD 2/11/05 1 hr 33 mcf FLOW. TUBING PRESS CASING PRESSURE CALCULATED Oll ---BBI WATER-BBI OIL GRAVITY-API (CORR.) 24-HOUR RATE 0 803 mcfd 0 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY To be sold ACCEPTED FOR RECORD 35. LIST OF ATTACHMENTS This is a single producing FC well. 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records FEB 2 5 2005

\*(See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

TITLE Regulatory Associate

FRAMINGIUM FIELD OFFICE

2/23/05

DATE

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

## 38. GEOLOGIC MARKERS

				TOP		
FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2300'	2490'	White, cr-gr ss.	Ojo Alamo	2300'	
Kirtland	2490'	2835'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2490'	
Fruitland	2835	3270'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2835'	
Pictured Cliffs	3270'		Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3270'	