Form 3160 October 199

UNITED STATES

BMIT IN DUPLICATE	FOR APPROVED
(See other in-	OMB NO. 1004-018
structions on	Expires: December 31,

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04-0187 **DEPARTMENT OF THE INTERIOR 9**/31, 19**9**/1 5. LEASE DESIGNATION AND SERIAL NO **BUREAU OF LAND MANAGEMENT** SF-078439 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: B. FARM OR LEASE NAME, WELL NO. Johnston Federal #30 WELL NO. 2. NAME OF OPERATOR 30-045-29905 **BURLINGTON RESOURCES OIL & GAS COMPANY** IELD AND POOL, OR WILDCAT 3. ADDRESS AND TELEPHONE NO. (D)Nn **Basin Dakota** PO BOX 4289, Farmington, NM 87499 (505) 326-9700 SEC., T., R., M., OR BLOCK AND SURVEY 4. LOCATION OF WELL (Report location clearly and in accordance with any State require OR AREA 1180' FSL, 1605' FEL At surface Sec. 35, T-31-N, R-9-W At top prod. interval reported below At total depth COUNTY OR 13. STATE DATE ISSUED 14. PERMIT NO. PARISH New Mexico San Juan 19. ELEV. CASINGHEAD (Ready to prod. 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 15. DATE SPUDDED | 16. DATE T.D. REACHED 5943' GL, 5957' KB 8-6-99 6-9-99 5-30-99 23. INTERVALS ROTARY TOOLS CABLE TOOLS 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL., 20. TOTAL DEPTH, MD &TVD DRILLED BY 0-7515 7468 7515 25 WAS DIRECTIONAL 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* SURVEY MADE 7400' - 7407' Dakota 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN Nα CBL-GR-CCL / PEX / CMR / FMI CASING RECORD (Report all strings set in well) AMOUNT PULLED TOP OF CEMENT, CEMENTING RECORD HOLE SIZE DEPTH SET (MD) CASING SIZE/GRADE WEIGHT, LB./FT. 12 1/4 342 cu ft 9 5/8 36# 243 3089 8 3/4 1163 cu ft 23# 766 cu ft 7513 6 1/4 10.5# 4 1/2 TUBING RECORD LINER RECORD 29 PACKER SET (MD) SCREEN (MD) SIZE DEPTH SET (MD) SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* 2 3/8 7389 ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 31 PERFORATION RECORD (Interval, size and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 7400, 7407 7400-7407 PRODUCTION 33 VELL STATUS (Producing of shut-in) RODUCTION METHOD (Flowing, gas lift, pumping—size and type or pump) DATE FIRST PRODUCTION SI Flowing 8-6-99 GAS-OIL RATIO WATER-BBL GAS-MCF ROD'N FOR OIL-BBL HOURS TESTED HOKE SIZE DATE OF TEST TEST PERIOD No measurement available 8-6-99 OIL GRAVITY-API (CORR.) WATER-BBI GAS-MCF CALCULATED FLOW. TUBING PRESS CASING PRESSURE 24-HOUR RATE SI 2960 SI 2940 TEST WITNESSED BY (Sold, used for rue), vented, etc. 34. DISPOSITION OF GAS To be sold 35 LIST OF ATTACHMENTS None ed information is complete and correct as determined from all available records I hereby certi TITLE Regulatory Administrator SIGNED

*(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 26 1999 United States any false fictitious or fraudulent statements or representations as to any matter within its final district.

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROU drill-stem, tests, includes recoveries):	US ZONES: uding depth	(Show all important interval tested, cu	SUMMARY OF POROUS ZONES: (Shew all important mones of poresity 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. GEOLO	GEOLOGIC MARKERS	
PORMATION .	707	MOLLOR	DESCRIPTION, CONTINES, ETC.		ТОР	P
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Kirtland	not not	logged logged	White, cr-gr ss. Gry sh interbedded w/Fight gry fine cr	Ojo Alamo	not logged	ged
Fruitland	not	logged	Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss.	Kirtland Fruitland	not logged not logged	ged ged
Pictured Cliffs	not :	logged	Bn-Gry, fine grn, tight ss.	Pictured Cliffs Lewis Huerfanito Bent	not logged not logged 3462'	jed jed
Lewis	not 1	logged	Shale w/siltstone stringers	Chacra Cliffhouse	3619' 4270'	
Huerfanito Bentonite*	te* 3462	3619'	White, waxy chalky bentonite			
Chacra	3619'	4270'	Gry fn grn silty, glauconitic sd stone	Menefee Point Lookout	4600' 5025'	
Cliff House	4270'	4600'	ss. Gry, fine-grn, dense sil ss.	Mancos Gallup	5376' 6134'	
Menefee	4600'	5025'	Med-dark gry, fine gr ss, carb sh & coal	Greenhorn Graneros	6990' 7044'	
Point Lookout	5025 '	5376'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	ракоса	7105'	
Mancos	5376	6134'	Dark gry carb sh.			
Gallup	6134'	6990'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh			
Greenhorn	6990'	7044	Highly calc gry sh w/thin lmst.			
Graneros	7044'	7105'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7105'	7515'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Σ'G		

^{*} Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (North of Chacra line)