Form 3160-4 (October 1990)

SIGNED

## **UNITED STATES DEPARTMENT OF THE INTERIOR**

(See other in structions or reverse side)

SUBMIT IN DUPLICATE

FOR APPROVED OMB NO. 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO. **BUREAU OF LAND MANAGEMENT** Amended SF-077651 WELL COMPLETION OR RECOMPLETION REPORT AND LOG' 6 IF INDIAN, ALLOTTEE OR TRIBE NAME 7 LINIT AGREEMENT NAME b TYPE OF COMPLETION WORK DEEP-8 FARM OR LEASE NAME, WELL NO Richardson 12A 2 NAME OF OPERATOR API WELL NO **BURLINGTON RESOURCES OIL & GAS COMPANY: LP** 30-045-21880 3 ADDRESS AND TELEPHONE NO FIELD AND POOL OR WILDCAT PO BOX 4289, Farmington, NM 87499 (505) 326-9700 Aztec PC/Blanco MV 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) 11. SEC., T, R, M., OR BLOCK AND SURVEY Unit J (NWSE) 1450' FSL & 1450' FEL Sec. 15 T31N R12W, NMPM At top prod. interval reported below Same as above RCVD APR 3 '09 Same as above At total depth OIL CONS. DIV. 14. PERMIT NO. DATE ISSUED 12 COUNTY OF 13. STATE PARISH **New Mexico** San Juan 15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18 ELEVATIONS (DF, RKB, RT, BR, ETC )\* 19 ELEV CASINGHEAD 6289 10/13/75 10/25/75 3/9/09 GL 6278 20 TOTAL DEPTH, MD &/TVD 21. PLUG, BACK T D, MD &TVD 22 IF MULTIPLE COMPL. 23. INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 5250 5249' ves 24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) WAS DIRECTIONAL SURVEY MADE 2736' - 2880' No 26 TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED GR/CCL/CBL Nο CASING RECORD (Report all strings set in well) 28. CASING SIZE/GRADE DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD WEIGHT, LB/FT. AMOUNT PULLED 9.5/8 303 13 3/4" 300 sx 23# 4700 8 3/4" 1st stage 170 sx 2 stage 330 sx LINER RECORD TUBING RECORD TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) DEPTH SET (MD) SIZE SIZE PACKER SET (MD) 2 3/8 4 1/2 4635 5250 100 sx 5095 PERFORATION RECORD (Interval, size and numb ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC .34" @ 1 SPF 2736' - 2880' 14,406 gals 20# linear 70% N2 foam, 2/100,900# 20/40 2736', 2740', 2744', 2748', 2752', 2756', 2760', 2764', Brady Sand, N2 = 342,800 SCF 2768', 2772', 2778', 2788', 2792', 2796', 2800', 2804', 2814', 2820', 2824', 2828', 2832', 2836', 2840', 2844', 2848', 2854', 2858', 2870', 2874', 2880' = 30 holes Total holes = 30 PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) WELL STATUS (Producing or shut-in) SI W/O Facilities Flowing SI DATE OF TEST OD'N FOR OIL--BBL GAS--MCF GAS-OIL FIATIO TEST PERIOD 3/5/09 1/2 0 boph 57 mcf/h 0 bwph FLOW TUBING PRESS CASING PRESSURE CALCULATED OIL GRAVITY-API (CORR.) GAS--MCI 24-HOUR RATE SI - 0# FL - 225 # 1372 mcf/d 0 bopd 0 bwpd EST WITNESSED BY To be sold. W/O facilities to be reset before first production. This is now commingled w/existing MC/adding PC DHC order # 2998AZ nd attached information is complete and correct as determined from all available records

DATE 4/2/09

Regulatory Technician

TITLE

API # 30-045-21880			Richardson 12A		
Ojo Alamo		,	White, cr-gr ss.	Ojo Alamo	1
Kirtland	•	1	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1
Fruitland	ŧ	2370'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	-
Pictured Cliffs	2370	1	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2370'
Lewis	•	'	Shale w/siltstone stringers	Lewis	
Huerfanito Bentonite	1	,	White, waxy chalky bentonite	Huerfanito Bent.	ī
Chacra	'	4450'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	-
Mesa Verde.	4450'	'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4450'
Menefee	1	1	Med-dark gry, fine gr ss, carb sh & coal	Menefee `	,
Point Lookout	1	'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	'
Mancos	'	,	Dark gry carb sh.	Mancos	'
Gallup	1	1	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	,
Greenhorn	'	1	Highly calc gry sh w/thin lmst.	Greenhorn	. '
Graneros	'	, '	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	.1
Dakota	'	,	Lt to dk gry foss carb si calc si silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	'
Morrison	1		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	1