Form 3160-4 (October 1990)

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

FOR APPROVED OMB NO. 1004-0137

	Expires. December 31, 1991	
5.	LEASE DESIGNATION AND SERIAL NO.	
	SF-078115	

			UREAU OF LAND			EIVEL	5. LEASE DESIGNAT	
MELL C	OMOLI	TION OR I	RECOMPLE	TION DED		1 8 8	6. IF INDIAN, ALLOT	
		OIL OIL		TION REP	OKI AIL	1.00		
1a. TYPE OF	WELL:	METT	WELL X	DRY Other	97 AUG 1	2_PM 12: 58	7. UNIT AGREEMEN	T NAME
b. TYPE OF	COMPLETIC	ON:						
	NEW	WORK DEEP-	PLUG	DIFF. X Other	070 FAS	<u>ang</u> ton, NM	8. FARM OR LEASE	NAME, WELL NO.
	Merr	OVER EN		RESUR []	UIU III	ATT CALL	Grenier #17	•
2. NAME OF	OPERATOR	<u> </u>			The state of the s	Analysis Share to the St	9. API WELL NO.	· · · · · · · · · · · · · · · · · · ·
BU	RLINGTON	RESOURCES O	IL & GAS COMPA	NY				
3. ADDRES	S AND TELE	PHONE NO.		- · · · · · · · · · · · · · · · · · · ·				
						ALE DANS		
At surface	990	FNL, 990'FWL,	rly and in accordance	with any State Page	EGE	IVED	OR AREA	OR BLOCK AND SURVEY
At top pro	d. interval rep	ported below		<i>nn</i>	Aug I g	199/		
At total de	epth			DHC-1570	nn <i>a</i> al	an Educa	→ Sec. 6, T-3	1-N, R-11-W
			14.	PERMIT NO.	LI CONTE ISSUE		12. COUNTY OR	13. STATE
						্ৰত	PARISH	Nam Maniss
			 		L	40 ELEVATIONS (DE D		
	IDDED 116.						NB, R1, BR, E1C.)	19. ELEV. CASINGHEAD
	PTH MD &TV		1		OMPL	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
EU. TOTAL DE						DRILLED BY		•
7710					2			
24. PRODUCT	ION INTERVA	L (S) OF THIS COMPL	ETION-TOP, BOTTOM,	NAME (MD AND TVD	)*			
5024-56	50 Mesave	rde	Commingled w	/Dakota				
2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY 3. ADMESS AND TELEPHONE NO. PO BOX 4289, Famington, NM 87499 (505) 326-9700 4. LOCATION OF WELL, (Report location clearly and in accordance with any Staff Professional Professional Staff Professional Staff Professional Professional Professional Staff Professional P	D							
CBL-CC	L-GR			·			No	
				·	· · · · · · · · · · · · · · · · · · ·			
	E/GRADE			<del></del>		MENT, CEMENTING RECO	עאכ	AMOUNT PULLED
						<del></del>		
29.		LINER RE	CORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			(MD)	PACKER SET (MD)
				<del> </del>	2 3/6	7635		
DEDECIDA	TION PECOP	D (Interval size and nu	mher)	32	AC AC	ID. SHOT, FRACTURE	. CEMENT SQUEEZE	E. ETC.
		•	•					
				5024-5283		1864 bbi 2% Kcl sli	wtr, 78,000# 20/4	0 Brady Sd
				5342-5650		1938 bbi 2% KCl sl	k wtr, 100,000# 20	/40 Brady sd
	5527, 5534	, ၁၁၁೮, ၁585, 562	3, 2020, 5050	l pr	RODUCTION	L		
	RODUCTION	PRODUC	CTION METHOD (Flowin			mp)	WELL STATU	S (Producing or shut-in)
-31-97								
ATÉ OF TEST		HOURS TESTED	1		BL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
-31-97				I PERIOD		1899 Pitot Gauge		
	PRESS.	CASING PRESSURE		ILBBL	GASMCF		3L	OIL GRAVITY-API (CORF
1.40		CI AGE	24-HOUR RATE					
·	ION OF GAS (		ted, etc.)		<del></del>		TEST WITHE	SSED BY
	,						ļ	
35. LIST OF A	TTACHMENTS							TOD BEAARS
							ACCEPTED	FOR KFCOKO
36. I hereby c	ertify that the fo	regoing and attached in	ntormation is complete a	no correct as determi	neα ποm all availat	же гесога\$	ABOAR 1 PP	· • • • · · · · · · · · · · · · · · · ·
/ ,	Dan.	XLand	1111	<b>D</b> anish 6.1				1 4 1007
JGNED /	ログロイイ	iviaah	LCC UTITLE	Regulatory Adr	ninistrator		DATE 8-8-4	1 4 1997

\*(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.

Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine grn, fine-grn, dense sil ss.  Cliff House 4640' ss. Gry, fine grn, fine	recoveries):	teams askur	Merval lested, cur	drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	38. GEOL	GEOLOGIC MARKERS	
House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Lookout 5340' 6693' Med-light gry, very fine gr ss w/frequent Gramaros 7462' sh breaks in lower part of formation Gramaros 7462' silts & very fine gr gry ss w/irreg,interbed sh  Norm 7410' 7462' Highly calc gry sh w/thin lmst.  7524' 7710' Le dk gry foss and sl carb w/pyrite incl.  Li try co dk gry foss and sl calc sl silty se w/pyrite incl thin sh bands clay & shale breaks	FORMATION	TOP	воттом	DESCRIPTION, COMMENTS, ETC.	NAME	MEAS, DEPTH	TRUE VERT. DEPTH
House 4640' 5340' ss. Gry, fine-grn, dense sil ss.  Colff House 4640' 5340' Ss. Gry, fine-grn, dense sil ss.  Point Lookout 540' Gallup 6693'  Med-light gry, very fine gr ss w/frequent Gallup 6693'  Lt gry to broalc carb micac glauc graneros 7410' 7462' Lt gry to broalc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh  7410' 7462' Highly calc gry sh w/thin lmst.  Dk gry shale, fossil & carb w/pyrite incl.  Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks							
bookout 5340 6693' Med-light gry, very fine gr ss w/frequent Greenborn 7410' sh breaks in lower part of formation Graneros 7462' Dakota 7524'  1t gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh 762' 7462' Highly calc gry sh w/thin lmst.  Dk gry shale, fossil & carb w/pyrite incl.  1524' 7710' Lit to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks		4640'	5340*	Gry, fine-grn, dense sil	Cliff House Point Lookout Gallup	4640' 5340' 6693'	
6693' 7410'  Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh  7410' 7462'  Highly calc gry sh w/thin lmst.  Dk gry shale, fossil & carb w/pyrite incl.  7524' 7710'  Lt to dk gry foss carb sl calc slity ss w/pyrite incl thin sh bands clay & shale breaks		5340	6693'	gry, very fine gr ss in lower part of for	Greenhorn Graneros Dakota	7410' 7462' 7524'	
n 7410' 7462' Highly calc gry sh w/thin lmst.  7462' 7524' Dk gry shale, fossil & carb w/pyrite incl.  7524' 7710' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Gallup	66931	7410'	It gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed s			
7524' 7710' Lt to dk gry foss carb sl calc sl silty 8s w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	7410'	7462'	Highly calc gry sh w/thin lmst.			
85 w/pyrite incl thin sh bands clay & shale breaks	Graneros	7462'	7524'	gry shale, fossil & carb w/pyrite			
	Dakota	7524 '	7710'	to dk gry foss carb sl calc sl si w/pyrite incl thin sh bands clay eaks			-