Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

FOR APPROVED

OMB NO. 1004-0137 Expires: December 31 1991

		В	JREAU OF LAND	MANAGEMENT				SF-079050C	N AND SERIAL NO.
MELLO	OMD! 5	TION OR F	ECOMPI E	TION PED	ORT AND	L OG*			E OR TRIBE NAME
				HUN KEP	UK I ANL	LUG			
b. TYPE OF		N: WORK DEEP- OVER EN	PLUG BACK	DIFF. Coner	MAR 1 8	₩ (E D)	8. FAR	T AGREEMENT N San Juan 28- M OR LEASE NA	6 Unit ME, WELL NO.
	00501700		-		<u> </u>	E2000		San Juan 28-1 WELL NO.	6 U #155M
2. NAME OF		RESOURCES OI	L & GAS COMPA	NY (D)[[r Con	. Div.	i	30-039-25729)
3. ADDRESS			E d ONO COMM ?		DISTO	3 3		LD AND POOL,	
		Farmington, NM	87499 (505)	326-9700		–		Blanco MV/Ba	
LOCATIO At surface		Report location clear 1010'FNL, 1780'FV		with any State requ	irements)*			C., T., R., M., OR RAREA	BLOCK AND SURVEY
At top pro-	d. interval rep	orted below							
At total de	pth			DHC-1709			C	Sec. 28, T-28	-N, R-6-W
			14.	PERMIT NO.	DATE ISSUE	D	P	OUNTY OR PARISH	13. STATE
			Liz puzz con	St. (0 - 1 1)		18. ELEVATIONS (DF, R		Rio Arriba	New Mexico 19. ELEV. CASINGHEAD
15. DATE SPU 12-16-97		DATE T.D. REACHED 12-26-97	17. DATE COM 2-8-98	PL. (Ready to prod.)		6361 GR, 637		ik, ETC.)	15. ELEV. CASINGFILAD
20. TOTAL DE			ACK T.D., MD &TVD	22. IF MULTIPLE CO	MPL	23. INTERVALS		Y TOOLS	CABLE TOOLS
				HOWM		DRILLED BY	la ===		1
7700	ION INTERVA	7631	ETION TOP BOTTOM	NAME (MD AND TVD	2	<u> </u>	0-770	25. WAS DIREC	TIONAL
	27 Dakota		mingle w/Mesaver		,			SURVEY MA	
	CTRIC AND O	THER LOGS RUN					27. WAS	No No	
28.				CASING RECORD			200		MOUNT DULLED
CASING SIZ	E/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	10P OF CE	MENT, CEMENTING RECO	טאט	Al	MOUNT PULLED
9 5/8		20#	3398	8 3/4	988 cu.ft.				
								DINIO DECODE	
29.	TOD (140)	LINER RE	SACKS CEMENT*	SCREEN (MD)	30. SIZE	DEPTH SET		BING RECORD	ACKER SET (MD)
SIZE 4 1/2	TOP (MD) 3252	7700	680 cu.ft.	SCREEN (MD)	2 3/8	7588	(MD)		TOREL (IIIO)
	-	 							
		D (Interval, size and nui		32.	AC	ID, SHOT, FRACTURE			
		, 7522, 7529, 753		7409-7627	RVAL (MD)	1054 25# x-link gel		D KIND OF MATE	
7573, 7585,	7592, 7604	, 7607, 7623, 762	.1	7409-7027		1004 25# X-IIIK 961	, 31,00	O# 20/40 telli	pered co dd
				5911-6050		sqz w/150 sx Class	s "G" 50)/50 poz	
				4200-5281		sqz w/350 sx Class	s "G" 50)/50 poz	
33. DATE FIRST PF 2-8-98	RODUCTION	PRODUC	CTION METHOD (Flow		RODUCTION size and type of pu	imp)	-	WELL STATUS	(Producing or shut-in)
DATE OF TEST		HOURS TESTED	CHOKE SIZE PR	OD'N FOR ÖIL-E	BBL	GAS-MCF	WATE	R-88L	GAS-OIL RATIO
2-8-98]	ST PERIOD	0/0 1/05	1041 Pitot Gauge	<u></u>		OIL GRAVITY-API (CORR.)
FLOW. TUBING		CASING PRESSURE SI 930	24-HOUR RATE	ACCE!	GAS-MCF	WATER-B	BL		
		Sold, used for fuel, veni To be sold			MAR 11	1998		TEST WITNESS	ED BY
35. LIST OF A	ATTACHMENT:	None	<u> </u>		Warow U	STRICT OFFICE	Wi	KELOM' V	ENARA 070
36. I hereby c	ertify that the fo	None None Tregoing and attached if	nformation is complete	and correct as details	(MAT LEAST BUT SANGE)	BID BCOTOS		S.: J. J!d	01 AAN 39
SIGNED	XIII.	MUAh	uld TITLE	Regulatery Add	ninistrator	-	DATE	_2-A-AQ	

*(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 130 32 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	7
				NAME	MEAS, DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2395	2470'	White, cr-gr ss.			
Kirtland	2470"	2755"	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2755*	3150'	Dk gry-gry carb sh, coal, grn silts, light-	Ojo Alamo	23951	
			lght, fine gr ss.	Kirtland Fruitland	2470' 2755'	
Fictured Cliffs	3150'	3305'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3150'	
			•	Lewis	3305′	
E C X F O	()	000	oligie #/Sirescolle Scrilligers	Union family Don't	3500	
Huerfanito Bentonite*	ite* 3580'	3830'	White, waxy chalky bentonite	Chacra		
Chacra	3830	4822'	Gry fn grn silty, glauconitic sd stone	Cliff House	48221	
			w/drk gry shale	Menefee	4942	
Cliff House	48221	4942'	ss. Gry, fine-grn, dense sil ss.	Pt.Lookout	5350'	
1))			Mancos	5800	
6	i	(The same of the sa	Greenhorn	7310	
Point Lookout	5350	5800"	<pre>Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation</pre>	Graneros	7378'	
				Dakota	7520′	
Mancos	5800	6620'	Dark gry carb sh.			
Gallup	6620	7310'	Lt gry to brn calc carb micac glauc			
			silts & very fine gr gry ss w/irreg.interbed sh	Side wall cores: 3602, 3749, 3768,	8, 3821, 4 003,	3
Greenhorn	7310'	7378'	Highly calc gry sh w/thin lmst.	4100,	4252,	2,
				4500,	6027,	4,
Graner os	/3/8	7520'	Dk gry shale, fossil & carb w/pyrite include.	6325, 6522, 6611, 7185, 7285, 7393	1, 6837, 7085,	5,
Dakota	7520'	7700'	Lt to dk gry foss carb sl calc sl silty			

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

Form 3169-4

SIGNED

UNITED STATES

SUBMIT IN DUPLICATE (See other in

FOR APPROVED

OMB NO. 1004-0137

October 1990) DEPARTMENT OF THE INTERIOR Expires: December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO **BUREAU OF LAND MANAGEMENT** SE-079050C 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION a. TYPE OF WELL: . UNIT AGREEMENT NAME b. TYPE OF COMPLETION: San Juan 28-6 Unit MAR 1 8 1993 8. FARM OR LEASE NAME, WELL NO DEEP DIFF San Juan 28-6 U #155M ON. DIV. 2. NAME OF OPERATOR 9 APLWELL NO 30-039-25729 **BURLINGTON RESOURCES OIL & GAS COMPANY** 10. FIELD AND POOL, OR WILDCAT 3 ADDRESS AND TELEPHONE NO (505) 326-9700 Blanco MV/Basin DK PO BOX 4289, Farmington, NM 87499 11. SEC., T., R., M., OR BLOCK AND SURVEY 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* OR AREA 1010'FNL, 1780'FWL, At surface At top prod. interval reported below Sec. 28, T-28-N, R-6-W DHC-1709 At total depth 12. COUNTY OR 13. STATE 14. PERMIT NO. DATE ISSUED PARISH New Mexico Rio Arriba 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CASINGHEAD 15 DATE SPUDDED 12-26-97 2-8-98 6361 GR, 6373 KB 12-16-97 ROTARY TOOLS 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL., INTERVALS CABLE TOOLS 20. TOTAL DEPTH, MD &TVD HOW MANY DRILLED BY 0-7700' 7631 7700 25. WAS DIRECTIONAL 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* SURVEY MADE Commingled w/Dakota 4827-5756 Mesaverde 27. WAS WELL CORED TYPE ELECTRIC AND OTHER LOGS RUN No ILD-GR, CNL-CDL CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 9 5/8 32.3# 245 12 1/4 192 cu.ft. 3398 8 3/4 988 cu.ft. 20# 7 TUBING RECORD LINER RECORD DEPTH SET (MD) PACKER SET (MD) SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE 7588 7700 680 cu ft 2 3/8 4 1/2 3252 31 PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED 4827, 4832, 4838, 4841, 4864, 4904, 4910, 4920, 4934, DEPTH INTERVAL (MD) 1699 bbl slk wtr. 100,000# 20/40 Arizona sd 4939, 4946, 4955, 4963, 4977, 4982, 5068, 5084, 5090, 4827-5189 5099, 5115, 5133, 5137, 5142, 5160, 5186, 5189, 5281. 5288, 5295, 5300, 5355, 5363, 5366, 5377, 5380, 5406, 5281-5756 2265 bbl slk wtr. 102,000# 20/40 Arizona sd 5415, 5424, 5431, 5452, 5468, 5472, 5476, 5493, 5511, Perforations cont'd on back PRODUCTION 33 WELL STATUS (Producing or shut-in) PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) DATE FIRST PRODUCTION Flowing SI 2-8-98 HOURS TESTED CHOKE SIZE WATER-BBL GAS-OIL RATIO ROD'N FOR JIL--BBL DATE OF TEST TEST PERIOD 1549 Pitot Gauge 2-8-98 CASING PRESSURE CALCULATED OIL-BBI GAS--MCF OIL GRAVITY-API (CORR.) FLOW, TUBING PRESS 24-HOUR RATE SI 930 SI 660 EST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold 35 LIST OF ATTACHMENTS None egoing and attached information is complete and correct as correct as complete and correct as complete and correct as complete 36 Thereby cer LS:1 11d 98 KAR 10

*(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

DATE 3-9-98

Regulatory Administrator

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

FORMATION TOP BOTTOM Ojo Alamo 2395' 2470' 2755' Kirtland 2470' 2755' 2755' Kirtland 2755' 3150' 3150' 3305' Fruitland 2755' 3150' 3305' 3580' Lewis 3150' 3580' 3830' 3830' 4822' Lewis 3830' 4822' 4942' 4822' 4942' 4ennefee 4942' 5350' 5800' 6620' 7310' 4ancos 5800' 6620' 7310' 7378' 7520' 3akota 7520' 7700' 911-6050 - sqz w/150 sx Class "G" 50/50	recoveries):		cerval (esteu, cua	recoveries):		GEOLOGIC MARKERS
	1.1	106	NOTTON	DESCRIPTION, CONTENTS, ETC.	NAME	
Extriand 2470 2755' Gry shinterbedded w/tight, gry, fine-gr ss. Fruitland 2775' 3150' Dk gry-gry carb sh, coal, grn slits, light- Kirlland 2755 also' med gry, tight, fine gr ss. Fruitland 2755' 3150' Dk gry-gry carb sh, coal, grn slits, light- Kirlland 2755 also' med gry, tight, fine gr ss. Fruitland 2755' Bn-Gry, fine grn, tight ss. Fruitland 2755' Bn-Gry, fine grn silty, glauconitic ad stone Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight ss. Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight st. Fruitland 2755' Bn-Gry, fine grn, tight, fine grn, tight ss. Fruitland 2755' Bn-Gry, fine grn, tight ss. Fruitland 2755' Bn-Gry, fine grn, tight ss. Fruitland 2755' Bn-Gry, fine grn, tight ss. F		22051	2470.			
Firstland 2470' 2755' Gry sh interbedded w/tight, gry, fine-gr ss. Gry sh interbedded w/tight, gry, fine-gr ss. Exercised Cliffs 3150' Dk gry-gry carb sh, coal, grn slits, light- Kireland 2398 Med gry, tight, fine grs. Exuitland 2398 Fivilland 2307 Alamo 2398 Fivilland 2307 Alamo 2398 Fivilland 2308 Alamo 2398 Fivilland 2308 Alamo 2398 Fivilland 2308 Alamo 2398 Fivilland 2308 Alamo 2308 Alamo 2398 Fivilland 2308 Alamo 2308 Alamo 2308 Alamo 2398 Fivilland 2308 Alamo 2308 Alamo <td></td> <td>2395</td> <td>24/0"</td> <td>cr-gr</td> <td></td> <td></td>		2395	24/0"	cr-gr		
Fruitland 2755' 3150' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo 2392	Kirtland	2470'	2755'	sh interbedded w/tight, gry, fine-gr		
######################################	Fruitland	2755'	3150'	gry-gry carb sh, coal, grn silts,	Ojo Alamo	2395*
Deritt Cliffs 3150' 3305' Bn-Gry, fine grn, tight as. Pic.Cliffs 3150 3305' Shale w/siltstone stringers Lewis 3305 3580' Shale w/siltstone stringers Huerfanito Bent. 3580 3305' 3830' White, waxy chalky bentonite Cliff House 4822' 4942' St. Gry, fine grn silty, glauconitic ad stone Wick gry shale Wick gry shale 4942' 4942' St. Gry, fine-grn, dense sil ss. Pt.Lookout 5350 5800' Med-dark gry, fine gr ss, carb sh & coal Gallup 6620 6620' 6620' Med-light gry, very fine gr ss w/frequent Greenborn 7310' 7378' Lt gry to brn calc carb micac glauc Silts & very fine gr gry ss w/irreg.interbed sh Side wall cores: 3602, 3749, 3766, 3821, 3720' Med gry carb sh & carb w/pyrite include. 6325, 6522, 6611, 6837, 3785' Croneros 7378' T520' Dk gry shale, fossil & carb w/pyrite include. 6325, 6522, 6611, 6837, 3785' 5688, 5693, 5693, 5693, 5693, 5693, 5731, 5756 57				fine	Kirtland Fruitland	2470*
		3150	3305'	fine grn, tight	Pic.Cliffs	3150'
######################################	Lewis	3305 ′	3580'	w/siltstone	Lewis	3305′
######################################					Huerfanito Ben	
Chactra 3830' 4822' Gry fn grn silty, glauconitic sd stone Cliff House 4822 4942' 4822 4942' Whenefee 4942 4942' 5350' Med-dark gry, fine-grn, dense sil ss. Pt. Lookout 5350 5800' Med-dark gry, fine gr ss, carb sh 6 coal Mancos 6620 6620 5800' Med-light gry, very fine gr ss w/frequent 7378 Freenhorn 7310' 1t gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh 3602, 3749, 3768, 3821, 3821, 3821, 3822, 3822, 3822, 3823, 38			3830*	waxy chalky	Chacra	3830'
### drk gry shale Ss. Gry, fine-grn, dense sil ss. Menefee 4942 5350	Chacra	3830'	4822'	fn grn silty, glauconitic sd	Cliff House	4822
### Streenhorn 1911-6550 - sqz w/150 sx Class "G" 50/50 poz Sago S				w/drk gry shale	Menefee	49421
### ### ### ### ### ### ### ### ### ##	Cliff House	4822	4942'	Gry, fine-grn, dense sil s	Pt.Lookout	5350'
### Annofee					Mancos	5800
### Red-light gry, very fine gr ss w/frequent S350' 5800' Med-light gry, very fine gr ss w/frequent Sh breaks in lower part of formation Graneros 7378 #### January Samuary Samuary	Monefee	4942	5350'	gry, fine gr ss, carb sh & co	Gallup	6620*
## Med-light gry, very fine gr ss w/frequent		1			Greenhorn	7310
######################################		5350*	5800*	<pre>gry, very fine gr ss w/freque in lower part of formation</pre>	Graneros	7378'
######################################					Dakota	7520'
### Side wall cores: ####################################	Mancos	5800	6620'	k gry carb		
silts & very fine gr gry ss w/irreg.interbed sh Side wall cores: 3602, 3749, 3768, 3821, 3602, 3749, 3768, 3821, 4067, 4100, 4195, 4252, 4465, 4500, 4632, 6027, 4632, 6611, 6837, 38480ta 7520' 7700' Lt to dk gry foss carb sl calc sl silty 5567, 5668, 5683, 5693, 911-6050 - sqz w/150 sx Class "G" 50/50 poz 5731, 5756	Gallup	6620	7310'	gry to brn calc carb micac		
Tanneros 7310' 7378' Highly calc gry sh w/thin lmst. 4067, 4100, 4195, 4252, 4465, 4500, 4632, 6027, 6325, 6522, 6611, 6837, 7520' Dk gry shale, fossil & carb w/pyrite include. 6325, 6522, 6611, 6837, 7860				& very fine gr gry	wall co	
4465, 4500, 4632, 6027, 6325, 6522, 6611, 6837, 7865, 7393 Akota 7520' 7700' Lt to dk gry foss carb sl calc sl silty ss w/pyrite include. 6325, 6522, 6611, 6837, 785, 7393 Ss w/pyrite incl thin sh bands clay & shale breaks Perforations continued: 5567, 5668, 5683, 5693, 5731, 5756	Greenhorn	7310'	7378'	calc gry sh w/thin	3749, 4100,	3821, 4252,
akota 7520' 7700' Lt to dk gry foss carb sl calc sl silty ss w/pyrite include. 6325, 6522, 6611, 6837, 785, 7285, 7393 ss w/pyrite incl thin sh bands clay & shale breaks Perforations continued: 5567, 5668, 5683, 5693, 5731, 5756					4500,	6027,
It to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks Perforations continued: 5567, 5668, 5683, 5693, 911-6050 - sqz w/150 sx Class "G" 50/50 poz 5731, 5756	or alleros		7320	gry shale, iossil & carb w/pyrite	6522,	6837,
ss w/pyrite incl thin sh bands clay & shale breaks Perforations continued: 5567, 5668, 5683, 5693, 911-6050 - sqz w/150 sx Class "G" 50/50 poz 5731, 5756	Dakota		7700'	to dk gry foss carb sl calc	7285,	3
911-6050 - sqz w/150 sx Class "G" 50/50 poz 5731, 5756				w/pyrite incl thin sh bands clay &		ontinued:
911-6050 - sqz w/150 sx Class "G" 50/50 poz 5731,					5567, 5668, 50	
2001=528] = 503 0/350 50 Class 50%	311-6030 - 892	s x	"G" 50/50	002		

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)