Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-structions on reverse side)

FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

c	E.	₋∩	78	Ω	Ω	£

WELL (COMPLI	ETION OR	RECOM	PLETIC	ON REPO	ORT AND	LOC	3*	6 IF IN	DIAN, ALLOTTE	EE OR TRIBE NAME
1a TYPE OI	F WELL.	OIL	GAS LL WELL	X DR	Y Other				א.עק	1NM79	1383B-
h TVDE O	F COMPLETION						₽ (₹	The state of the s	7 UNIT	AGREEMENT	NAME
D TYPE OF	NEW Y		EP- PLUG	DIF	F \square			E STATE OF THE STA	8 FAR	M OR LEASE N	LARGO UNIT
	WELL	OVER EN	BACK	RES	SVROther		8 12 13 13 13 13 13 13 13 13 13 13 13 13 13			ANYON 1	ARGO UNIT 239N
2 NAME O	F OPERATO	R	·			Range Contraction	** <u>></u>	100	P9.6API	WELL NO	1100 0111 20011
		Resources O	il & Gas Coi	npany		N. D		0,00	oth	30-0	39-30883-00C3
	SS AND TELE		NISS 07400	/ENE\ 24	26 0700	04	્રુ	ingly of	10 FIE	LD AND POOL	OR WILDCAT
		, Farmington, (Report location		(505) 32 cordance wi		guirements)*	///	10, 10 Miles	11 SE	C,T,R,M,O	R BLOCK AND SURVEY
At surfac		NW/SW), 1930			•	,	نر آ		OF	RAREA	
		, ,.					્રજો	," ₀ ,			
At top pr	od interval re	ported below	SAME AS	ABOVE			air	30		Sec. 01	, T25N, R6W
At total d	lepth SA	ME AS ABOVE	•				V			•	
	•								L		
				14. PE	RMIT NO	DATE ISSUE	D		-3	UNTY OR ARISH	13 STATE
									Ric	Arriba	New Mexico
15 DATE SP 02/04/		DATE T D REACH 03/25/11	1ED 17 DA		(Ready to prod) 6/24/11 GR(18 ELI	EVATIONS (DF, R GL 6749'			19 ELEV CASINGHEAD
	EPTH, MD &TV		G, BACK T D , MD		IF MULTIPLE CO		23 INT	ERVALS	ROTARY		CABLE TOOLS
	7540				HOW M	MANY*	DF	RILLED BY	ı		1
24 PRODUC	7512' TION INTERVA	L (S) OF THIS COM	7483' PLETION-TOP, BO	TTOM. NAME	E (MD AND TVD)		<u> </u>		1 12	yes 5 WAS DIREC	CTIONAL
		• •								SURVEY M.	ADE
		'60' - 4472' THER LOGS RUN							127 WAS	WELL CORED	NO
	CL/CBL										No
28				CASI	NG RECORD ((Report all strings	set in	well)	·		
CASING SI		WEIGHT, LB /FT			HOLE SIZE			EMENTING RECO		A	MOUNT PULLED
9 5/8" 7" / .		32.3# 20#	3087		12 1/4" 8 3/4"			(122cf-22bbl (819cf-145bb			4bbls 45bbls
4 1/2"		11.6#	7500		6 1/4"			sx(633cf-113			-100010
29	1		RECORD			30				ING RECOR	
SIZE	TOP (MD)	BOTTOM (ME) SACKS CE	MENT*	SCREEN (MD)	SIZE 2 3/8"		DEPTH SET 7337'	(MD)	P/	ACKER SET (MD)
							4.7#	/ J-55			
		D (Interval, size and	number)	32	3760'-			T, FRACTURE			
Chacra w/ . 1SPF @ 37	.34" diam. 60' - 4472' =	= 24 Holes		<u> </u>	3/60-	4412		u w⊭zs,≀u4ga Brady Sand.			% N2 Foam w/ 76,102#
		21.110.00						, ca.,a.	,	,	732A 25262>2020
CH Total H	oles = 24			1							2324 25262728
33		PRODUCTION									
DATE FIRST PI		PRC	DUCTION METHO	D (Flowing, g	as lift, pumpings	size and type of pur	np)			VELL STATUS	PRECEIVED
06/ DATE OF TEST	24/11 GRC	HOURS TESTED	LOWING CHOKE SIZE	PROD'N	FOR OILE	BBL	GAS	MCF	WATER		RECEIVED 1
				TEST PE	RIOD		l			. [6	ol Manager
06/2 FLOW TUBING		1hr. CASING PRESSUR	1/2" RE CALCULATE	OILE		GASMCF	1 1	5 mcf / h WATERBI		e / bwph	BIL GRANDONS (BORR)
	31 N200	ONGING TRECOO	24-HOUR RA		,52					\	
SI-29		SI-538psi Sold, used for fuel, v	nated etc.)	2	/ bopd	364 mcf	/ d		/ bwp		No.
34 5101 0311	I CAD IONOI	To be sold	emed, etc.)							TEST WITNESS	ED BY EXSTITOR 6.21
35 LIST OF A	ATTACHMENTS		1								
		verde / Başin /									
36 Thereby C	eruny mar the to	regoing and attache	d information is cor	npiete and co	rrect as determin	ed from all avallable	e records	S			
SIGNED	1111 M/	MY MI		TITLE	Staff	Regulatory T	echnic	cain	DATE	يا بدا شارش آماري	97/96/11ECORD
	[V \ V ~ /	/ // // .	/See Instance						- AC	CEPTEL	HUTTER
Title 18 U.S	C Section	1001, makes it	a crime for an	uons and v person k	u opaces to nowingly and	or Additional willfully to make	e to a	o⊓ nevers∈ nv.departmen	s olue) it of ager	ncv of that	2 1 2011
United State	es any faise	ficutious or fra	udulent statem	ents or re	presentations	as to any ma	tter wit	thin its jurisdic	ction.	JOL.	2 1 2011
	/	\	5						EA	TOMME	ON FIELD OFFICE
	'	\bigvee			MMAO	CD A			BA LV	500	/
					1 4 BARO	~~ . A					

API # 30-039-30883		_	CANYON LARGO UNIT 239N			
Ojo Alamo	2260'	2461'	White, cr-gr ss.	Į.	Ojo Alamo	2260'
Kirtland	2461'	2698'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	2461'
Fruitland	2698'	2884'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	1	Fruitland	2698'
Pictured Cliffs	2884'	2992'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	2884'
Lewis	2992'	3286'	Shale w/siltstone stringers	20	Lewis	2992'
Huerfanito Bentonite	3286'	3758'	White, waxy chalky bentonite		Huerfanito Bent.	3286'
Chacra	3758'	4557'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	- 12	Chacra	3758'
Mesa Verde	4557'	4570'	Light gry, med-fine gr ss, carb sh & coal	 	Mesa Verde	4557'
Menefee	4570'	5136'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	4570'
Point Lookout	5136'	5529'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	4	Point Lookout	5136'
Mancos	5529'	6150'	Dark gry carb sh.		Mancos	5529'
Gallup	6150'	7022'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	6150'
Greenhorn	7022'	7083'	Highly calc gry sh w/thin lmst.	. *	Greenhorn	7022'
Graneros	7083'	7136	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	7083'
Dakota	7136'	7512'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	٠.	Dakota	7136'



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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other In-structions on reverse side)

FOR APPROVED OMB NO. 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

								ł	SF-	-078885
VELL CON	VIPLE	TION OR R	ECOMPLI	ETION REF	ORT AND	LOC	3*	6 IF	INDIAN, ALLOTTE	E OR TRIBE NAME
TYPE OF WEL	LL.	OIL	GAS X	DRY Other			\otimes	$ \mathcal{M} $	MNM >	x1383F-1
		WELL	WELL A	DICT CUIES	-			7 UN	IT AGREEMENT	NAME
TYPE OF COM	MPLETIO	N				. 0			CANYON	LARGO UNIT
NEV WE		WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR Other		No Contraction of the Contractio	8	8 FA	RM OR LEASE N	IAME, WELL NO
VVE	LL [OVER EN	BACK L	RESVR		**************************************	120	1 6	CANYON RM OR LEASE N CANYON LA WELL NO 30-0 IELD AND POOL, BLANCO EC, T, R, M, OF DR AREA Sec. 01,	ARGO UNIT 239N
NAME OF OPI	FRATOR	?		<u> </u>	de Va.))	- Br	Sg. AR	WELL NO	
		Resources Oil &	R Gas Compa	nv			00, 7	(Ŋ)``®	30-0	39-30883 - DOCZ
ADDRESS AN				-,	1		180	€ 10° F.	IELD AND POOL,	OR WILDCAT
		, Farmington, NM	187499 (50	5) 326-9700	4	I)	W. M	2 3 2 1	BLANCO	MESAVERDE
		(Report location clea		nce with any State	requirements)*		ing En.	11 S	EC,T,R,M,OF	R BLOCK AND SURVEY
At surface	1 (1	NW/SW), 1930' FS	SI & 670' FWL				My dr		OR AREA	
	(,,				₹'	agui	1		
At top prod, int	tenval ren	orted below	SAME AS ABO)VF		28	No.	Ì	Sec. 01.	, T25N, R6W
rictop prod. int	tervarrep	onted pelow	OAME AO ABO	, V L		V		1	000.01,	, 12011, 11011
At total depth	SAN	ME AS ABOVE								
·			_							
•			1	4 PERMITNO	DATE ISSUE	D		-	OUNTY OR	13 STATE
			1					1	PARISH	Now Mayina
DATE SPUDDE	D 146	DATE T D REACHED	17 DATE CO	OMPL (Ready to pro	<u> </u>	1Ω ⊏ι Γ	EVATIONS (DF, F		io Arriba	New Mexico 19 ELEV CASINGHEAD
02/04/11	ا ا	03/25/11	I'' BAILEON	06/24/11 GI	•	' = = = =	• F, FO GL 6749			I a ELEA CASINGUEAD
TOTAL DEPTH.	MD &TVD		ACK T D , MD &TVD			23 INT	ERVALS		Y TOOLS	CABLE TOOLS
		[[[[[[[[[[[[[[[[[[[[V MANY*		ILLED BY		,0000	5. 522 . 5525
751:	2'		7483'		3				yes	
		(S) OF THIS COMPLE	TION-TOP, BOTTON	, NAME (MD AND TV	′D)*	•			25 WAS DIREC	
Diaman BE.		1- 54441 - 55401							SURVEY MA	
		de 5141' - 5516' THER LOGS RUN						107.14(4	OMELL CORE	NO
		HER LOGS RUN						27 VVA	S WELL CORED	M -
GR/CCL/	^BL									No
		·			D (Report all string					
CASING SIZE/GR		WEIGHT, LB /FT	DEPTH SET (MC				EMENTING RECO		A	MOUNT PULLED
9 5/8" / H-4	·U	32.3#	234'	12 1/4"			(122cf-22bbl			4bbls
7" / J-55		20#	3087'	8 3/4"			(819cf-145bb			45bbls
4 1/2" / L-80	<u> </u>	11.6# LINER RE	7506'	6 1/4"	30	7,3158	x(633cf-113		I JBING RECORI	<u> </u>
SIZE TO	OP (MD)	BOTTOM (MD)	SACKS CEMENT	* SCREEN (MD		T	DEPTH SET			ACKER SET (MD)
<u> </u>	ارالال)	BOTTOWI (IVID)	SACKS CEIVIENT	SOMEEN (IND.	2 3/8"		7337'		 	TOTAL TOLI (IND)
		<u> </u>			1-25	4.7#	/ J-55			
PERFORATION	RECORD	(Interval, size and num	nber)	32	AC			, CEME	NT SQUEEZE,	ETC.
nt Lookout w					1'- 5516'					/ 38,136gals 70%
PF @ 5141'- 5	5516' = :	22 Holes				Slick	water N2 Foa	ım w/ 1	05,713# 20/4	0 Brady Sand.
Total Holes	= 22					N2:1,	459,500SCF.			
										2425262
										1023 A
FIDET DEST	OTION	PRODUCTION	TION METHOD 77	wing, gas lift, pumping	r size and turn of a	20)			IWELL STATES	(Producting or shut in
FIRST PRODUC 06/24/11			WING	way, gas iii, puniping	уыге ана туре от риг	(קויי			SI	(Producing or shut-in)
OF TEST		HOURS TESTED		ROD'N FOR OIL	BBL	GAS	MCF	WATE	ERBBL	GAS-OIL RATTO
	ľ			EST PERIOD				1		
06/29/11		1hr.	1/2"	→ ,	trace / boph	1	3 mcf / h	tra	ice / bwph	18
W TUBING PRES		CASING PRESSURE	CALCULATED	OILBBL	GASMCF		WATERB		·	OL-GRAVAY-AMINISTED D
	J		24-HOUR RATE							1/2/
SI-295psi		SI-538psi		2 / bopd	307 mc1	/ d		9 / bwp		1 1/2/3
DISCUSIONO	r GAS (S	old, used for fuel, vente	a, etc)						TEST WITNESS	EDBA CONTINCE
HET OF A	LIMENTO	To be sold	//						L	ED BY EXSLUDIC
LIST OF ATTAC			Laliana		ad wall wades 5	UC	low 4300			
		erde / Basin Dak egging and attached inf								
IN LEGICITY OF THE PROPERTY OF		ogging and pitached Inf	omination is complete	and contect as deterr	iiii lou ii oii i avallabl	o records	•			
<i> </i>	11/11/	1/6/1	///	_	- # D ! =					07/06/44
(ED)	1 100	VI A J' VICAL	TITLE	Sta	aff Regulatory T	ecnnic	ain	_ DATE	100FFF	07/06/11 FOR RECORD
	1	/ V */Se	e Instruction	s and Spaces	for Additiona	Data	on Reverse	e Side	AUUET I	
18 U.S.C. S	ection 1	1001, makes it a c		-					ency of the	1 0044
		fictitious or fraudu								UL 2 1 2011
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API # 30-039-30883			CANYON LARGO UNIT 239N			
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Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*

(See other Instructions on reverse side) FOR APPROVED

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO **BUREAU OF LAND MANAGEMENT** SF-078885 6 IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 3830 UNIT AGREEMENT NAME **b** TYPE OF COMPLETION CANYON LARGO UNIT JAN LARGO UN

30-039-30883

30-039-30883

BASIN DAKOT

OR AREA

HILESTING AND POOL, OR WILDCAT

BASIN DAKOT

OR AREA

HILESTING AND POOL, OR WILDCAT

BASIN DAKOT

OR AREA NEW X DEEP-8 FARM OR LEASE NAME, WELL NO **CANYON LARGO UNIT 239N** 2 NAME OF OPERATOR 30-039-30883~⊕_O € **Burlington Resources Oil & Gas Company** 3 ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) SEC, T. R. M. OR BLOCK AND SURVEY L (NW/SW), 1930' FSL & 670' FWL Sec. 01, T25N, R6W At top prod interval reported below SAME AS ABOVE SAME AS ABOVE At total depth DATE ISSUED 14 PERMIT NO 12 COUNTY OR 13 STATE PARISH **New Mexico** Rio Arriba DATE COMPL (Ready to prod. 15 DATE SPUDDED 16 DATE TID REACHED 18 ELEVATIONS (DF, RKB, RT, BR, ETC.) 19 ELEV CASINGHEAD 02/04/11 03/25/11 GL 6749' KB 6764' 06/24/11 GRC 22 IF MULTIPLE COMPL 20 TOTAL DEPTH, MD &TVD 21 PLUG, BACK T.D., MD &TVD INTERVALS ROTARY TOOLS CABLE TOOLS DRILLED BY HOW MANY* 7483 yes 24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* WAS DIRECTIONAL SURVEY MADE Basin Dakota 7138' - 7446' NO 26 TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED GR/CCL/CBL No CASING RECORD (Report all strings set in well) 28 CASING SIZE/GRADE HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED WEIGHT, LB /FT DEPTH SET (MD) 9 5/8" / H-40 32.3# 234 12 1/4" Surface, 76sx(122cf-22bbls) 4bbls 7" / J-55 8 3/4" Surface, 403sx(819cf-145bbls) 45bbls 20# 3087 4 1/2" / L-80 6 1/4" 7506 TOC@2730', 315sx(633cf-113bbls) 11.6# TUBING RECORD LINER RECORD DEPTH SET (MD) SACKS CEMENT* PACKER SET (MD) TOP (MD) SCREEN (MD) SIZE SIZE BOTTOM (MD) 2 3/8' 7337' 31 PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 7138'- 7346' Dakota w/ .34" diam. Frac'd w/ 38,346gals 70% Slickwater N2 Foam w/ 39,925# 2SPF @ 7430'; 7446' = 4 Holes 20/40 Brady Sand. N2:2,337,400SCF. 1SPF @ 7138' - 7194' = 10 Holes 2SPF @ 7227' - 7346' = 24 Holes DK Total Holes = 38 7430'; 7446' Pumped 45bbls of 2% KCL water. PRODUCTION DATE FIRST PRODUCTION RODUCTION METHOD (FIG ring, gas lift, pumping--size and type of pump) WELL STATUS **FLOWING** 06/24/11 GRC SI DATE OF TEST OURS TESTED CHOKE SIZE PROD'N FOR OII --BBI GAS--MCF WATER-BBI TEST PERIOD 06/29/11 19 mcf / h trace / bwph 1hr. trace / boph FLOW TUBING PRESS CASING PRESSURE CALCULATED OII -- BBI -MCF 24-HOUR RATE 466 mcf/ d SI-295psi SI-538psi 2 / bopd 2 / bwpd 34 DISPOSITION OF GAS (Sold TEST WITNESSED BY To be sold 35 LIST OF ATTACHMENTS This is a Blanco Mesaverde / Basin Dakofa / Otero Charca commingled well under DHC order 4262. and attached information is complete and correct as determined from all available records 36 I hereby certify ACCEPTED FOR RECORD SIGNED Staff Regulatory Technicain *(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes tacrime for any person knowingly and willfully to make to any department of agency FARMINGTON FIELD OFFICE

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

API # 30-039-30883			CANYON LARGO UNIT 239N		
Ojo Alamo	2260'	2461'	White, cr-gr ss.	Ojo Alamo	2260'
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