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

SF-07936
51-0/930

WELL COMPL	ETION OR F	RECOMPLE	ETION REP	ORT-AND	LOG*	6 IF INDIAN, ALLOT	TEE OR TRIBE N	AME
1a TYPE OF WELL	OIL WEILL					7 NM	NM- 78	412C-DK
b TYPE OF COMPLET			_			7 UNIT AGREEMEN	T NAME San Juan 28	J.
NEW T	WORK DEEP-	PLUG	DIFF Other	SEP 2	4 2009	8. FARM OR LEASE		
WELL	OVER EN	BACK	wegan [109N	
2 NAME OF OPERAT				Cau of Land	i Management	9 API WELL NO.		· - · · · · · · · · · · · · · · · · · ·
	Resources Oil	& Gas Compa	ny	Farmington	Field Office	10 FIELD AND POO		715-00C1
3 ADDRESS AND TEL	EPHONE NO. 89, Farmington, NI	M 87499 (50	5) 326-9700			10 FIELD AND POO	Basin Dal	rota
4 LOCATION OF WEL				requirements)*	·	11. SEC, T, R., M.,		
At surface J	(NWSE), 1900' FS	L & 1490' FEL				OR AREA	RCV) SEP 28 '09
At top prod. interval r	eported below	P (SESE), 770'	FSL & 735' FEL			s	EC. 1, T27N	
At total depth P	(SESE), 770' FSL	& 735' FFI			-			CONS. DIV.
At total depth 1	(0202), 770 702							DIST. <u>3</u>
		11.	4. PERMIT NO.	DATE ISSUE	D	12 COUNTY OR 13. STATE		
]		PARISH Rio Arr	riha	New Mexico
15. DATE SPUDDED 16		17 DATE CO	OMPL (Ready to prod	7)	18. ELEVATIONS (DF,	RKB, RT, BR, ETC)*		19 ELEV. CASINGHEAD
06/17/2009 20 TOTAL DEPTH, MD &T	6/28/2009	BACK T.D. MD 8TVD	9/17/2009 22. IF MULTIPLE CO	OMBI	GL 6	8490' KB 6506 ROTARY TOOLS	·	CABLE TOOLS
20 TOTAL DEPTH, MD &T	VD 21. PLUG, 1	SACK I D., MD & I VD	HOW M		DRILLED BY	HOTARY TOOLS		CABLE TOOLS
MD 7970' TVD 7			2			yes		<u> </u>
24. PRODUCTION INTERV	AL (S) OF THIS COMPLI	ETION-TOP, BOTTOM	I, NAME (MD AND TV	(D)*			25 WAS DIRECT	
Basin Dakota 7								YES
26 TYPE ELECTRIC AND	OTHER LOGS RUN					27. WAS WELL CORED		
GR/CCL/CBL						<u></u> _	No	
28. CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)			II strings set in well) OF CEMENT, CEMENTII	NC RECORD	ΔΔ	MOUNT PULLED
9 5/8" / H-40	32.3#	228'	12 1/4"		ırface, 76sx(122cf-			3 bbls
7" / J-55 🔻	23#	4584	8 3/4"	Surface,	ST@2891', 640sx(1	308cf-233bbls)		60 bbis
4 1/2" / L-80 & J-55	11.6# LINER RE	7967'	6 1/4"		@2620', 260sx(523		NEGOED.	
29. SIZE TOP (MD)		SACKS CEMENT*	SCREEN (MD)	30 SIZE	DEP	TUBING RECORD H SET (MD) PACKER SET (MD)		
5.E2 (5.1 (MO)	30170117(1107)			2 3/8", 4.7#,		7866'		
31 PERFORATION RECOR	ID (Interval, size and nur	nber)	32		ACID, SHOT, FRAG	CTURE, CEMENT SQL	JEEZE, ETC.	
Dakota w/ .34" diam. 2SPF @ 7896' - 7935':	= 32 Holes		7733' -	7935'	Acidize w/ 10bbls	15% HCL. Frac w/ 9	93,618gals Sli	ckWater w/ 35,939#
1SPF @ 7733' - 7887'					20/40 Arizona San	d		
	,							
Dakota Total Holes = 1	71 ₹							
33		TOWER OF THE	L	PRODUCTIO	N			
DATE FIRST PRODUCTION N/A		WING	ving, gas lift, pumping-	-size and type of pu	imp)		WELL STATUS (A	Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE PF	OD'N FOR OIL-B	BL	GASMCF	WATERBBL		GAS-OIL RATIO
011710000 1	1	1/2"	ST PERIOD	o	50 mm = 680	0.5		
9/17/2009 √ FLOW TUBING PRESS.	1 hr.		OILBBL	GASMCF	59 mcf/h WATERBI	l 0 bwp	n	OIL GRAVITY-API (CORR)
		24-HOUR RATE		{	,1			
SI - 889psi 34. DISPOSITION OF GAS (SI - 768psi	ed etc.)	0	1425 mcf	/d v	∕6 bwpd	TEST WITNESSE	D BV
G, PIO COMONO GAS	To be sold	, 5.0 /				}	IEGI WIINEGŞE	
35. LIST OF ATTACHMENT								
This is going to be a E								
56. Thereby certify that the fo	ледону ана анаслео m .//	Simple to Complete	and correct as determin	mou nom an availac	ne recurus			
SIGNED A	l Talon	aTITLE		gulatory Tech		DATE	9/24/2	2009
	0 1	*(See Instruc	tions and Spac	ces for Addit	ional Data on Re	everse 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.

ACCEPTED FOR RECORD

SEP 2 5 2009



API # 30-039-30715			San Juan 28-6 Unit 109N		.,
Ojo Alamo	2817'	2904'	White, cr-gr ss.	Ojo Alamo	2817'
Kirtland	2904'	3208'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland ,	2904'
Fruitland	3208'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3208'
Pictured Cliffs	3500'	3648'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3500'
Lewis	3648'	4056'	Shale w/siltstone stringers	Lewis	3648
Huerfanito Bentonite	4056'	4478'	White, waxy chalky bentonite	Huerfanito Bent.	4056'
Chacra	4478'	5082'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4478'
Mesa Verde	5082'	5357'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5082'
Menefee	5357'	5724	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5357'
Point Lookout	5724'	6147'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5724'
Mancos	6147	6904'	Dark gry carb sh.	Mancos	6147'
Gallup	6904'	7634'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6904
Greenhorn	7634'	7699'	Highly calc gry sh w/thin lmst.	Greenhorn	7634'
Graneros	7699'	7731'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7699'
Dakota	7731'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	§ Dakota	7731'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	ı

ŕ.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other in structions on reverse side)

FOR APPROVED

OMB NO	1004-013

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

							1 .	SF-0793	63	
WELL COMPL	ETION OR I	RECOMPLE	TION REP	ORT AND) <u>.</u> L.O	G± _(FR)	6 IF INDIAN, ALLOT	TEE OR TRIBE N	AME	
1a TYPE OF WELL	OIL WELL	GAS V		Man Work			Nimaina	70015	N	
METE [1] WELL [1]					7 UNIT AGREEMEN	- 78412	4.WY			
b TYPE OF COMPLET				SEP 2	1 20	ina	8	San Juan 28	-6 Unit 🔽	
NEW WELL	WORK DEEP	PLUG BACK	DIFF RESVR Other	JLI &	# 20	103	8. FARM OR LEASE	NAME, WELL NO		
	J 545 [] 2.14		RESVR				[109N		
2 NAME OF OPERATO	OR			eau of Land		•	9 API WELL NO.		· · · · · · · · · · · · · · · · · · ·	
Burlington	Resources Oil	& Gas Compai	ny i	Farmington	Field	Office	1	30-039-30	715-0002	
3 ADDRESS AND TEL	EPHONE NO.						10 FIELD AND POO	L, OR WILDCAT		
PO BOX 428	9, Farmington, NI	M 87499 (505	5) 326-9700					Blanco Mesa		
4 LOCATION OF WEL	L (Report location cle	early and in accordai	nce with any State i	requirements)*			11 SEC , T , R., M.,	OR BLOCK AND	SURVEY	
At surface J	(NWSE), 1900' FS	L & 1490' FEL					OR AREA	RCUN	SEP 28 '09	
At top prod interval r	eported below	P (SESE), 770'	FSL & 735' FEL) S	EC. 1, T27N	1, R6W	
At total depth P	(SESE), 770' FSL	9. 725' EEI						OIL	CONS. DIV.	
Ai total depin	(02.02), 770 702	Q 705 TEL							nist a	
		14	I. PERMIT NO.	DATE ISSUE	D		12 COUNTY OR		13. STATE	
		1		ł			PARISH			
15 DATE COUDDED TIE	DATE T.D. DEAGUE	117 DATE CO	MPL (Ready to prod		140 517	WATIONS (DE D	Rio Arı	riba	New Mexico	
15 DATE SPUDDED 16 06/17/2009	DATE T D. REACHER 6/28/2009	, DATE CO	9/17/2009	• •	10. EL	varions (df, h • GL 6	KB, RT, BR, ETC)* 490' KB 6506		19 ELEV. CASINGHEAD	
20 TOTAL DEPTH, MD &T		BACK T D , MD &TVD		OMPL ,	23. INT	ERVALS	ROTARY TOOLS		CABLE TOOLS	
			HOW M		DF	ILLED BY				
MD 7970' TVD 7			2		<u></u>		yes			
24. PRODUCTION INTERV	AL (S) OF THIS COMPL	ETION-TOP, BOTTOM	I, NAME (MD AND TV	D)*				25. WAS DIRECT		
Blanco Mesave	rde 4480' - 6098	3'						SURVEY MA	YES	
26 TYPE ELECTRIC AND O							27 WAS WELL CORED	<u> </u>		
GR/CCL/CBL								No		
28.			CASING RE	CORD (Report a	ili strinas	set in well)				
CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)				ENT, CEMENTING	G RECORD	AN	OUNT PULLED	
9 5/8" / H-40	32.3#	228'	12 1/4"	Si	urface,	76sx(122cf-2				
7" / J-55	23#	4584'	8 3/4"				108cf-233bbis)		60 bbls	
4 1/2" / L-80 & J-55	11.6#	7967'	6 1/4"		@2620	', 260sx(523c				
29	LINER RE		T-1	30				TUBING RECORD		
SIZE TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2 3/8", 4.7#,	1.80		H SET (MD)	PA	CKER SET (MD)	
	 	 	 	2 0/0 , 4.7 #,	200					
31 PERFORATION RECOR	D (Interval, size and nur	nber)	32.	<u> </u>	ACID	, SHOT, FRAC	TURE, CEMENT SQL	JEEZE, ETC.		
"34. Point Lookout w	diam.		5549' -	6098'						
1SPF @ 5549' - 6098' :									ckWater foam pad w/	
Menefee/Cliffhouse w							izona Sand. N2:1,082,000SCF			
ISPF @ 5085' - 5443' :	= 25 Holes					15% HCL. Frac w/ 46,536gals 60% SlickWater N2 foam rizona Sand. N2:948,000SCF.				
Lewis w/ .34" diam. 1SPF @ 4480' - 4979' :	05.11-1				w/99,8	96# 20/40 Ar	zona Sand. N2:94	8,000SCF.		
15PF @ 4480 - 4979 :	= 25 noies		4480' - 4979'			o w/ E00aala	3 20# gel foam pad. Frac w/ 32,508gals 75% SlickWater			
Mesaverde Total Hole	s = 75 √						8# 20/40 Arizona Sand. N2:1.638,000SCF.			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			t		100		20, 10 / 11 12 01 12 0	una. 142. 1300c	,,0000	
33				PRODUCTIO						
DATE FIRST PRODUCTION		CTION METHOD (Flow DWING ✓	ring, gas lift, pumping	-size and type of pu	ımp)				roducing or shut-in)	
N/A DATE OF TEST	HOURS TESTED		OD'N FOR OIL-BI	BL	GASN	ICF	WATER-BBL	<u>SI</u>	GAS-OIL RATIO	
			ST PERIOD	i		1	···-·· 3			
9/9/2009	1 hr.	1/2" -		0	82	2 mcf/h	1 bwp	<u>h</u> _		
LOW. TUBING PRESS	CASING PRESSURE		OILBBL	GASMCF	,	WATERBBI			OIL GRAVITY-API (CORR.)	
SI - 889psi	Si - 768psi	24-HOUR RATE	0	1968 mct	,, J		26 bwpd ✓			
34 DISPOSITION OF GAS (Sold, used for fuel, vent	ed. elc.)		1908 mci	/d -]			TEST WITNESSE	n BV	
<u>.</u>	To be sold	,					ļ	, LOT THINK BOE		
35. LIST OF ATTACHMENTS										
This is going to be a B	asin Dakota/Blan	co Mesa Verde v	vell being DHC p	oer order # 31	55AZ					
36 I hereby certify that the fo						s				
0	1							1 /		
SIGNED Const	al Tale	ma_ TITLE	Re	gulatory Tech	nicain		DATE	9/24/2	909	
		WG I				Data co De	-	7 - / -		
Title 19 LLC C Continu	/ 1001 makazitz ==	•	ions and Space				•			
Title 18 U.S.C. Section United States any false,										
nineu siaics arry iaise,	nonnous of Haddu	nerit statements O	representations	as wany mai	rici will	ııı nə junsulcti	UII.	N ACCE	PITED FOR BECORD	

 $\mathsf{NMOCD}_{\mathscr{H}}$

SEP 2 5 2009

FARMINGTON FIELD OFFICE BY TESOURCE

API # 30-039-30715			San Juan 28-6 Unit 109N		
Ojo Alamo	2817'	2904'	White, cr-gr ss.	Ojo Alamo	2817'
Kirtland	2904'	3208'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2904'
Fruitland	3208'	3500'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3208'
Pictured Cliffs	3500'	3648'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3500'
Lewis	3648'	4056'	Shale w/siltstone stringers	Lewis	3648'
Huerfanito Bentonite	4056'	4478'	White, waxy chalky bentonite	Huerfanito Bent.	4056'
Chacra	4478'	5082'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4478'
Mesa Verde	5082'	5357'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5082'
Menefee	5357'	5724'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5357'
Point Lookout	5724'	6147'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5724'
Mancos	6147'	6904'	Dark gry carb sh.	Mancos	6147'
Gallup	6904'	7634'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6904'
Greenhorn	7634'	7699'	Highly calc gry sh w/thin lmst.	Greenhorn	7634
Graneros	7699'	7731'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7699'
Dakota	7731'	'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7731'
Morrison		•	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	1

.

f :