Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE'
(See other Instructions on

FOR APPROVED OMB NO. 1004-0137

OMB NO. 1004-0137

reverse side) Expires December 31, 1991 **BUREAU OF LAND MANAGEMENT** 5 LEASE DESIGNATION AND SERIAL NO ocoen/co SF-078945 WELL COMPLETION OR RECOMPLETION REPORT AND LOG*** 6 IF INDIAN ALLOTTEE OR TRIBE NAME 1a TYPE OF WELL: X NMNM-116367-DK UNIT AGREEMENT NAME b TYPE OF COMPLETION: San Juan 29-7 Unit NEW X WORK DEEP 8 FARM OR LEASE NAME, WELL NO heBureau of Land Management RESVE Farminaton Field Office 38M 2 NAME OF OPERATOR 9 API WELL NO Burlington Resources Oil & Gas Company 30-039-30628-00C 3 ADDRESS AND TELEPHONE NO 10 FIELD AND POOL, OR WILDCAT PO BOX 4289, Farmington, NM 87499 (505) 326-9700 **Basin Dakota** 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) 11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA H (SENE), 1695' FNL & 1040' FEL At surface RCUD MAR 2'10 Sec. 12, T29N, R7W B (NWNE), 725' FNL & 1922' FEL At top prod, interval reported below OIL CONS. DIV. B (NWNE), 725' FNL & 1922' FEL At total depth DIST. 3 14. PERMIT NO DATE ISSUED 12. COUNTY OR 13 STATE PARISH **New Mexico** Rio Arriba 17. DATE COMPL (Ready to prod 15. DATE SPUDDED DATE T.D. REACHED 18 ELEVATIONS (DF, RKB, RT, BR, ETC.) ELEV CASINGHEAD 10/15/2009 GL 6367' KB 6382' 11/17/2009 02/16/2010 20. TOTAL DEPTH, MD &TVD 21 PLUG, BACK T.D., MD &TVD 22 IF MULTIPLE COMPL INTERVALS **ROTARY TOOLS** CABLE TOOLS HOW MANY* DRILLED BY MD 7952' TVD 7709' TD 7948' TVD 7705' 24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 25 WAS DIRECTIONAL SURVEY MADE Basin Dakota 7790' - 7940' YES 26. TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED GR/CCL/CBL No CASING RECORD (Report all strings set in well) 28 AMOUNT PULLED CASING SIZE/GRADE WEIGHT, LB /FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD 9 5/8" / H-40 32.3# 230' 12 1/4" 1/2 bbl Surface, 91sx(143cf-26bbls) Surface, ST@2760 7" / J-55 23# 4567 8 3/4" 702sx(1408cf-251bbls) 75 bbls 4 1/2" / L-80 7949 6 1/4" TOC@3280', 343sx(513cf-91bbls) 11.6# LINER RECORD TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 3/8", 4.7#, L-80 7860' PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC 7790' - 7940' Dakota w/ .34" diam. Acidize w/ 10bbls 15% HCL. Frac w/ 106,092gals SlickWater 2SPF @ 7940' - 7866' = 28 Holes w/ 33,808# of 20/40 Arizona Sand. 1SPF @ 7854' - 7790' = 17 Holes Dakota Total Holes = 45 ~ PRODUCTION 33 RODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION FLOWING < SI PROD'N FOR OIL-BBL GAS-MCF WATER-BBL AS-OIL RATIO TEST PERIOD 02/16/2010 1 hr. 1/2" 0 12 mcf/h trace OIL GRAVITY-API (CORR.) FLOW TUBING PRESS ASING PRESSURE CALCULATED GAS-MC WATER-BBL 24-HOUR RATE SI - 687psi 2 bwpd 一 SI - 521psi 0 289 mcf/d 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY To be sold 35. LIST OF ATTACHMENTS This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3059AZ 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records OUTON TITLE Regulatory Technicain SIGNED *(See Instructions and Spaces for Additional Data on Reverse Side) ACCEPTED FOR RECORD 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

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

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FARMINGTON FIELD OFFICE

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API # 30-039-30628			San Juan 29-7 Unit 38M		
Ojo Alamo	2399'	2675'	White, cr-gr ss.	🥳 Ojo Alamo	2399'
Kirtland	2675'	2942'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2675'
Fruitland	2942'	3463'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2942'
Pictured Cliffs	3463'	3668'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3463'
Lewis	3668'	4254	Shale w/siltstone stringers	Lewis	3668'
Huerfanito Bentonite	,4254'	4506'	White, waxy chalky bentonite	Huerfanito Bent.	4254'
Chacra	4506'	5050'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4506'
Mesa Verde	5050'	5345'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5050'
Menefee	5345'	5704'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5345'
Point Lookout	5704'	6186'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5704'
Mancos	6186'	6932'	Dark gry carb sh.	Mancos	6186'
Gallup	6932'	7665'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6932'
Greenhorn	7665'		Highly calc gry sh w/thin Imst.	Greenhorn	7665'
Graneros	7717'	7788'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7717'
Dakota	7788'	•	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7788'
Morrison		•	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	1

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BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
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reverse side)

FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

SF-078945

WELL COMP	LETION OR I			REP(QRT AND	ĹŎ	G* _	6 IF INDIA	N, ALLOTT	EE OR TRIBE NAME
1a TYPE OF WELL.	OIL.	GAS WELL X	DRY	Other					MMM	4- 4F148F -M
F TYPE OF COMPLI	ETION				FEB 2	5 20	10	7 UNIT AC	SREEMENT	NAME an 29-7 Unit
NEW WELL	WORK DEEP-	PLUG BACK	DIFF	Other	1 - 10 2		, , ,	8 FARM C		IAME, WELL NO
watt [OVER EN	BACK	RESVR		negu of 1,300	1 Mai	nagement			38M
2 NAME OF OPERA	TOR			7.41	Farmington	Field	Office	9 API WE		
	n Resources Oil	& Gas Comp	any						30-0	39-30628-0062
3 ADDRESS AND TELEPHONE NO PO BOX 4289, Farmington, NM 87499 (505) 326-9700								10 FIELD AND POOL, OR WILDCAT Blanco Mesaverde		
	LL (Report location cle	arly and in accor	dance with any	State re-	quirements)*			11 SEC , 1		R BLOCK AND SURVEY
	H (SENE), 1695' FN		·		. ,			OR AF	≀EA	
										RCVD MAR 2'10
At top prod interva	I reported below	B (NWNE), 7	25' FNL & 19	22' FEI	•				Sec. 12,	, T29N, R7W .
At total depth	B (NWNE), 725' FNL	& 1922' FFL						OIL CONS. DIV.		
	- (1111/12), / 20 1 111									NIST 3
			14 PERMIT N	10	DATE ISSUE	D		12 COUNT PARIS		13 STATE
								Rio A		New Mexico
	16 DATE T D REACHED	17 DATE	COMPL (Ready		· !	18 EL	EVATIONS (DF, R	KB, RT, BR, E	TC)*	19 ELEV CASINGHEAD
10/15/2009 20 TOTAL DEPTH, MD 8	11/17/2009	BACK T.D., MD &T	02/16 VD 122 IF MUL		OMPI	22 14"	GL 6367'	KB 6382		CABLE TOOLS
20 TOTAL DEPTH, MD 8	IZI PLUG,	DACKID, MD & I	VU ZZ IF MUL	HOW N			RILLED BY	ROTARY TO	JLO	CABLE TOULS
MD 7952' TVD		948' TVD 7705		2		<u> </u>		y€		<u></u>
24 PRODUCTION INTER	RVAL (S) OF THIS COMPL	ETION-TOP, BOTT	OM, NAME (MD A	ND TVD)*				WAS DIREC SURVEY MA	
	<u>erde 4510' - 6006</u>	·								YES
26 TYPE ELECTRIC ANI								27 WAS WEI	L CORED	N.
GR/CCL/CBI	_									No
28 CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (Report all strings		well) EMENTING RECO	ORD	A1	MOUNT PULLED
9 5/8" / H-40	32.3#	230'	12 1				(143cf-26bbls			1/2 bbl
							ST@2760'			
7" / J-55	23#	4567'	8 3/				cf-251bbis)			75 bbls
4 1/2" / L-80	11.6# LINER R	7949'	6 1/	4	30	J [*] , 343	sx(513cf-91b		RECORE)
SIZE TOP (M		SACKS CEME	NT* SCREE	N (MD)	SiZE		DEPTH SET (ACKER SET (MD)
		ļ			2 3/8", 4.7#,	L-80	7860'			
PERFORATION REC	ORD (Interval, size and nur	mber)	32		ACI	D. SHC	T, FRACTURE,	CEMENT S	QUEEZE	ETC
oint Lookout w/ .3		,		6006' -						3,130gals 60%
ISPF @ 6006' - 560:				I			834# of 20/40 Arizona Sand.			
Menefee/Cliffhouse				N2:1,077,00SCF 5536' - 5052' Acidize w/ 10hbls			45% HOLE Fragge (50 000 male 00%)			
ISPF @ 5536' - 505: "ewis w/ .34" diam.	2 = 25 Holes			// Cidize W/ Tobbio			: 15% HCL. Frac w/ 50,988gals 60% 514# of 20/40 Arizona Sand.			
ISPF @ 4904' - 4510	0' ≈ 24 Holes						148,000SCF.	1411 01 2014	70 A112011	ia Gana.
				4904' -	4510'					27,174gals 75%
Wesaverde Total Ho	oles = 73 /			Viscoelastic foam N2:1,491,000SCF			w/ 92,844# of 20/40 Arizona Sand.			
						142.1,	491,000307			
33 ATE FIRST PRODUCTION		CTION METHOD (F	(Free 1/4		ODUCTION			- DAZII	CTATIO7	Producing or shut-in)
N/A		OWING -	nowing, gas iiπ, pu	impings	izə and typə or purr	p)		SI		Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OILB	BL	GAS	MCF	WATERBE		GAS-OIL RATIO
02/00/2010	4 5-	1/2"	TEST PERIOD		0	, ,	7 mcf/h	1 bw	vnh	
02/09/2010 / LOW TUBING PRESS	1 hr.	CALCULATED	OILBBL	Ь	GASMCF		WATERBB		וועי	OIL GRAVITY-API (CORR)
		24-HOUR RATE				-1			_	
SI - 687psi	SI - 521psi S (Sold, used for fuel, vent	ed etc \	0		1847 mc1	/d	2.	4 bwpd Trest	WITNESSE	D RY
J- DIOI COITION OF GA	To be sold	Ju, 010 j						1,59,	**********	-D 0 1
35 LIST OF ATTACHME										
	a Basin Dakota/Bla									
36 I hereby certify that the	e foregoing and attached in	rormation is comple	te and correct as o	aetemine	o rrom all available	records			,	1
SIGNED	LO-Tal	racon III	LE	Re	gulatory Tech	ınicaiı	n	DATE C	2/25	12010
	-iax Iax	7.22							1 12	CELLIED I OVINCTORE
T.N. 40 H C O C 41-	•	ee Instruction	•							
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