UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



	Sundry Notices and Reports on Wells	SEP (9 2011
	7920212223 Fa	rmsigio	nEëaseNimber nsf-078097
1.	Type of Well GAS RECEIVED	6.	If Indian, All. or Tribe Name
2.	Sundry Notices and Reports on Wells Type of Well GAS Name of Operator BURLINGTON RESCURCES OIL & GAS COMPANY LP Address & Phone No. of Operator	7.	Unit Agreement Na
3.	Address & Phone No. of Operator	- 8.	Well Name & Num Heaton 7 100S
	PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	API Well No.
4.	Location of Well, Footage, Sec., T, R, M	-	30-045-35096
	Unit C (NENW), 740' FNL & 1495' FWL, Section 29, T31N, R11W, NMPM	10.	Field and Pool Basin FruitlandCo
		11.	Wildcat Fruitland County and State Rio Arriba, NM
	Notice of Intent Abandonment Recompletion New Construction New Construction Non-Routine Fracturing Casing Repair Water Shut off Final Abandonment Altering Casing Conversion to Injection	<u>X</u>	Other - COMPLETIO
	Describe Proposed or Completed Operations EASE SEE ATTACHED.		
14	I haraby contify that the foregoing is true and correct		
	I hereby certify that the foregoing is true and correct. ned	<u>rechnici</u>	an Date <u>9-1-</u> //
Sig (T AI CO		,	
Sig (T AI CO	Denise Journey Title:Regulatory Denise Journey Title:Regulatory Title:Regulatory Title:Regulatory Title:Regulatory Title PROVED BY Title NDITION OF APPROVAL, if any: 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of inited States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction		Date
Sig — (T AI CO	Denise Journey Title:Regulatory Denise Journey Title:Regulatory Title:Regulatory Title:Regulatory Title:Regulatory Title PROVED BY Title NDITION OF APPROVAL, if any: 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of inited States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction	EPTED	Date

Pc

HEATON 7 100S

30-045-35096

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Burlington Resources

Basin Fruitland Coal/Wildcat Fruitland Sand

1/21/11 RU WL. TIH w/ 3 ¾" guage ring. Run GR/CCL/CBL logs. TOC @ 36'.

8/2/11 Install Frac Valve. PT csg to 5000# / 30 min. @ 8:15 hrs on 8/2/11. Test-OK. **8/3/11** RU WL to Perf **Lower Fruitland Coal** w/ .40"diam – *2SPF* @ 2,440'-2,458'

Total Holes – 36.

8/4/411 RU to Frac Lower Fruitland Coal. Acidize w/ 500 gal 10% Formic Acid.

Frac w/ 21,168 gal 25# Linear 75% N2 foam w/ 54,314# 20/40 Brady Sand.

N2: 871,200scf. Set CFP @ 2,432'

Perf Upper Fruitland Coal w/ .40" diam - 3SPF @

2,331' - 2,334' = 9 holes 2,336' - 2,340' = 12 holes 2,373' - 2,376' = 9 holes

2,382' - 2,385' = 9 holes

2,400' - 2,402' = 6 holes

2,424' - 2,426' = 6 holes = 51 holes.

Acidize w/ 500 gal 10% Formic Acid. Frac w/ 20,538 gal 25# Linear 75% N2

Foam w/ 51,519# 20/40# Brady sand. N2: 840,200scf.

Set CFP @ 2,290'

Perf Wildcat Fruitland Sand w/ .40" diam $-2SPF \otimes 2,256'-2,274' = 36$ holes. Acidize w/ 500 gal 10% Formic Acid. Frac w/ 8,022 gal 20# Linear 70Q N2 foam

w/ 56,647# 20/40 Brady Sand. N2: 218,900scf. Start Flowback.

8/12/11 MIRU AWS 448.

8/15/11 TIH to set CBP @ 2,100'. ND WH. NU BOPE. PT BOPE – Test- OK. TIH, tag

CBP @ 2,100' & DO.

8/16/11 TIH, tag CFP @ 2,190' & DO. CO & DO CFP @ 2,432'. CO to PBTD @ 2,678'.

Flowtest FC/FS.

8/16/11 Started selling FC/FS gas thru GRS.

8/17/11 RU WL. TIH w/ CBP & set @ 2,300'. RD WL.

Flowtest FS.

8/18/11 TIH. CO & DO CBP @ 2300'

8/19/11 TIH w/ 82 jts., 2 3/8", 4.7#, J-55 tubing. Blow/flow.

8/13/11 PU, land tbg w/ hanger @ 2,461' w/ FN @ 2,460'. ND BOPE. NU WH.

RD RR @ 18:00 hrs on 8/23/11.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED OMB NO. 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-078097

WELL C	OMPL	ETIO	V OR R	ECOMP	LETIC	ON R	EPC	ORT AND	ĿΘ	G*//ICID	6 IF IN	DIAN, ALLOTTE	E OR TRIBE NAME
1a TYPE OF	WELL		OIL WELL	GAS WELL	(DR	Y	Other	ME	7 Burn		NI	MNMI	218327
b TYPE OF	COMPLET	ION!	•				•			·	7 UNIT	AGREEMENT N	- V
o TIFE OF	NEW Y	WORK	DEEP-	PLUG	7 01		Other	CED	09	3 2011	8 FARM	OR LEASE NA	ATON 7 AME, WELL NO.
	WELL [OVER	EN	BACK	RE	SVR	Other	751	- 0 (-		1	100S
2 NAME OF								Farming	note	Field Unice	9 APIV	VELL NO	
				& Gas Com	pany			Bureau of	200	Managem	31 r.	30-04 D AND POOL,	15-35096 - DEC
3 ADDRES			NO ington, NN	187499 (505) 3	26-970					IO. FIE	-	JITLAND COAL
				arly and in acco				quirements)*			11 SEC	C,T,R,M,OR	BLOCK AND SURVEY
At surface	e C	(NENW),	740' FNL	& 1495' FWI	-						OR	AREA	
		1 . 11		C				•				041 20	TOTAL DATE
At top pro	od. interval r	eported b	eiow	Same as ab	ove							Section 28), T31N, R11W
At total de	epth S a	ıme as a	bove										
					14. PE	RMIT N	0.	DATE ISSUE	D		12 CQ	UNTY OR	13 STATE
							_					RISH	New Mexico
15 DATE SPL	JDDED 16	DATE T.	D REACHED	17 DAT	E COMPL	(Ready to	o prodN		18. EI	LEVATIONS (DF, R		n Juan R, ETC)*	19. ELEV CASINGHEAD
12/20/			/12/11			/16/11				GL-5953'			·
20 TOTAL DE	PTH, MD &T	√D	21 PLUG, B	ACK TD, MD&	TVD 22	? IF MULT	HOW M			ITERVALS PRILLED BY	ROTARY	TOOLS	CABLE TOOLS
	2,683'		<u> </u>	2,678'			2					yes	
				TION-TOP, BOT	TOM, NAM	E (MD AN	ID TVD)*	•			2:	5 WAS DIRECT SURVEY MA	
BASIN 26 TYPE ELE				l' - 2,458'							27 11/4 2 1	usi Loopen	NO
	CL/CBL	JIHEK LO	35 KUN							1	27 WAS	WELL CORED	No
28.					CAS	ING REC	CORD (Report all strings	s set in	well)			
CASING SIZ			IT, LB /FT	DEPTH SET	(MD)	HOLE				CEMENTING RECO	RD	Al	MOUNT PULLED
7", J	1-55	<u> </u>	20#	225'		8 3/4	4"	Surf	face,	51 sx (82cf)			3 bbls
4 1/2",	, J-55	1	0.5#	2672'		6 1/4	4"	TOC @ 36',	, Surf	ace, 253 sx (50	08cf)		32 bbls
SIZE	TOP (MD	N BOT	LINER RE	SACKS CEM	ENT*	SCREEN	I (MD)	30 SIZE		DEPTH SET (ING RECORE	ACKER SET (MD)
	141 (1112	, 50	., ()				. ()	2 3/8", 4.	7#	02,02.1	,,,,		ional (iii)
na DEDECRA	TION RECO	2D /Interval	, size and num	her)	3:	2		J-55	D CLI	2,461' OT, FRACTURE,	CENTEN	TOOUTCZE	FTC
Lower Fruit					<u> - - - - - - - - - -</u>		,440' -	2,458'					Frac w/ 21,168
2SPF @ 2,4	-												1# 20/40 Brady Sand.
Upper Fruit 3SPF @ 2,3					-		2241	2.4261		871,200scf.	4004 =		
Total FC Ho	•) - Ji iii	UIC3		F		,331 -	2,426'	7	lize w/ 500 gal ar 75% N2 foai			Frac w/ 20,538 gal 25# Brady Sand
									1	840,200scf.		, , , , , , , , , , , , , , , , , , , ,	
					F				4				
													6 22
					E								/ DECEIVED
DATE FIRST PF	RODUCTION		PRODU	CTION METHOD	(Flowing,	gas lift, pu		RODUCTION size and type of pur	np)		ľ	VELL STATUS (Producing or shut-in Rep 2018
	6/11 - GRS			WING								SI	N
DATE OF TEST		HOURS	TESTED	CHOKE SIZE	PROD'	N FOR PERIOD	OILE	BBL ·	GAS	-MCF	WATER	RBBL	GAS-OIL RATIO CONS. DIV. DIST. 3
8/16			1	1/2"				0		36mcf/h		Trace	l le
FLOW TUBING	PRESS.	CASING	PRESSURE	CALCULATED 24-HOUR RATI		-BBL		GASMCF		WATER-BE	BL		OIL GRAVITY API (CORR)
SI-34			350psi		}	0		862mcf	/d	1	1bw/d		123456
34 DISPOSIT	TION OF GAS			ed, etc)							7	TEST WITNESS	ED BY
35 LIST OF A	ATTACHMEN		e sold										
This is a Ba	asin Fruitl	and Coa						d by DHC Ord				AC	CEPTED FOR RECORD
36. I hereby	ertify that the	foregoing a	nd attached in	formation is com	plete and o	correct as	determine	ed from all available	e record	ds		· · · · · · · · · · · · · · · · · · ·	
SIGNED <	101	rust	tour	neu .	TITLE		Staff	f Regulatory T	[echn	icain	DATE	9	-7SEP 0 9 2011
		~~~	1			A C							
Title 18 LLS	C Section	n 1001 r	nakesita (	e inswucti crime for any	person	i <b>u opa</b> knowina	ces to Ilv and	or Additiona willfully to mak	ıı <b>∪at</b> ke to ∶	a on Reverse	e ວເαe) : of aden	FAI	RMINGTON FIELD OFFICE
United State	es any fals	e, fictitio	us or fraud	ulent stateme	ents or re	epresen	tations	as to any ma	tter w	ithin its jurisdict	ion.	BY	<u>sa</u>

API# 30-045*-35096			HEATON 7 100S			
Ojo Alamo	819'	942'	White, cr-gr ss.	3,26	Ojo Alamo	819'
Kirtland	942'	2050'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	942'
Fruitland	2050'	2479'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	2050'
Pictured Cliffs	2479'	2683'	Bn-Gry, fine grn, tight ss.	Đ.	Pic.Cliffs	2479'
Lewis			Shale w/siltstone stringers		Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite		Huerfanito Bent.	
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale	er (	Chacra	
Mesa Verde			Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal		Menefee	
Point Lookout			Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	
Mancos			Dark gry carb sh.		Mancos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	
Greenhorn			Highly calc gry sh w/thin lmst.		Greenhorn	
Graneros			Dk gry shale, fossil & carb w/pyrite incl.	1	Graneros	- · -
Dakota			Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	ı.

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

/MILL 001/151 5						1	SF-078097
ELL COMPLE	TION OR R	RECOMPL	ETION REPO	ORT AND	LOG*	6 IF INDIAN, ALLO	OTTEE OR TRIBE NAME
TYPE OF WELL	OIL WELL	GAS WELL X	DRY Other			Repor	+ to Lease
TYPE OF COMPLETION				学には		7 UNIT AGREEME	
NEW Y	WORK DEEP-	PLUG	DIFF Other	7000 C	-		HEATON 7 E NAME, WELL NO
WELL	OVER EN	BACK	RESVROther	(	<u> </u>		100S
NAME OF OPERATOR				SEP 1	<del>ֈ֍ <b>Հ</b>ՄՄ</del>	9 API WELL NO	_
	Resources Oil	& Gas Comp	any		Saleraid Office	10 FIELD AND PO	0-045-35096 -6000
ADDRESS AND TELE PO BOX 4289	:PHONE NO. ), Farmington, NN	vi 87499 (5(	05) 326-9700 _D	Farmingio	on Field Office and Manageme		FRUITLAND SAND
LOCATION OF WELL		arly and in accord	fance with any State re	aquirements)*	THE INICHITY OF	11 SEC,T,R,M	, OR BLOCK AND SURVEY
At surface C (	NENW), 740' FNL	. & 1495' FWL				OR AREA	
		C				Section	1 29, T32N, R11W
At top prod. interval re	ported below	Same as abov	/e			Section	129, 132N, RTIW
At total depth Sar	me as above						<b>₽</b> (.♥
		ſ	14 PERMIT NO.	DATE ISSU	ED	12. COUNTY OR	13. STATE
		}				PARISH	
DATE SPUDDED 16	DATE T D REACHED	) 17 DATE (	OMPL (Ready to prod )		18. ELEVATIONS (DF,	San Juan	New Mexico  19 ELEV CASINGHEAD
12/10/10	1/12/11	(	- 8/16/11 - GR	•	GL-5953	3' / KB-5968'	1.0 222. 3/10/10/10/10
TOTAL DEPTH, MD &TV	D 21 PLUG, E	BACK T D , MD &TV	D 22. IF MULTIPLE CO		23 INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
2,683'		2,678'		2		yes	ļ
PRODUCTION INTERVAL	(S) OF THIS COMPLE	TION-TOP, BOTTO	M, NAME (MD AND TVD)	*		25 WAS DIE	RECTIONAL Y MADE
WILDCAT FRUIT		,256-2,274'				SURVE	
TYPE ELECTRIC AND OT	THER LOGS RUN					27 WAS WELL COR	
GR/CCL/CBL			CACINIC DECORD	(Panadal) -1-	on not in wall)		No
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (M	CASING RECORD (		as set in well) Ement, cementing rec	CORD	AMOUNT PULLED
7", J-55	20#	225'	8 3/4"		face, 51 sx (82cf)		3 bbls
	4						
4 1/4", J-55	10.5	2672'	6 1/4"	TOC @ 36'	', Surface, 253 sx (	508cf)	32 bbls
	LINER RE	ECORD		30		TUBING REC	ORD
SIZE TOP (MD)	BOTTOM (MD)	SACKS CEMEN	IT* SCREEN (MD)	SIZE	DEPTH SE	T (MD)	PACKER SET (MD)
	<del></del>	<del> </del>		2 3/8", 4. J-55	.7#	1'	
PERFORATION RECORD	) (Interval, size and nun	nber)	32		ID, SHOT, FRACTUR		ZE, ETC
dcat Fruitland Sand			2,256'	- 2,274'			id. Frac w/ 8,022 gal
PF @ 2,256' - 2,274	= 36 holes					12 foam w/ 50,647	# 20/40 Brady Sand.
				<del></del>	N2: 218,900scf.		
							181920
_							/ A'   V
							1617 181920
			***************************************		-		
							RECEIVE BEP 20
E FIRST PRODUCTION	UDORF	CTION METHOD (F	Pi lowing, gas lift, pumping—	RODUCTION size and type of pur	mp)	WELL STAT	RECEIVE SEP 29
8/16/11 - GRS	FLO	OWING	lowing, gas lift, pumping—	size and type of pu		WELL STAT	RECEIVE PROCESSIONS DIV. D
8/16/11 - GRS				size and type of pu	mp) GASMCF	WELL STAT SI WATER-BBL	RECEIVE SEP 29
8/16/11 - GRS	FLO	OWING	lowing, gas lift, pumping-	size and type of pu		WELL STAT SI WATER-BBL Trace	RECEIVE PROCESSIONS DIV. D
8/16/11 - GRS E OF TEST 8/16/11	FLO HOURS TESTED	CHOKE SIZE  1/2"  CALCULATED	lowing, gas lift, pumping-	size and type of pu	GASMCF 7mcf/h	WATERBBL Trace	RECEIVE PROCESSIONS DIV. D
8/16/11 - GRS E OF TEST 8/16/11 W TUBING PRESS	FLC HOURS TESTED  1 CASING PRESSURE	CHOKE SIZE	PROD'N FOR OILI TEST PERIOD OILBBL	BBL O GASMCF	GASMCF 7mcf/h WATER-	WATERBBL Trace BBL	RECEIVE PRODUCTIONS DIV. C
8/16/11 - GRS OF TEST  8/16/11 V TUBING PRESS  SI-345psi	FLC HOURS TESTED  1 CASING PRESSURE SI-350psi	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE	PROD'N FOR OILI	size and type of put BBL - 0	GASMCF 7mcf/h WATER-	WATERBBL Trace	US (Producing of APPL 20) US (Producing of APPL 10) NS. DIV. [ GAS-OIL RATIO OIL GRAVITY-API (CORR)
8/16/11 - GRS E OF TEST  8/16/11 N TUBING PRESS  SI-345psi DISPOSITION OF GAS (	HOURS TESTED  1 CASING PRESSURE SI-350psi Sold, used for fuel, vent To be sold	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE	PROD'N FOR OILI TEST PERIOD OILBBL	BBL O GASMCF	GASMCF 7mcf/h WATER-	Trace  BBL  1bw/d	US (Producing of APPL 20) US (Producing of APPL 10) NS. DIV. [ GAS-OIL RATIO OIL GRAVITY-API (CORR)
8/16/11 - GRS E OF TEST  8/16/11 W TUBING PRESS  SI-345psi DISPOSITION OF GAS (CONTINUE OF CONTINUE OF	HOURS TESTED  1 CASING PRESSURE SI-350psi Sold, used for fuel, vent To be sold	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  ted, etc.)	PROD'N FOR OILI TEST PERIOD OILBBL	BBL O GASMCF	GAS-MCF 7mcf/h WATER-	Trace  BBL  1bw/d	US (Producing of APPL 20) US (Producing of APPL 10) NS. DIV. [ GAS-OIL RATIO OIL GRAVITY-API (CORR)
8/16/11 - GRS TE OF TEST  8/16/11  DW TUBING PRESS  SI-345psi 4 DISPOSITION OF GAS (3) 5 LIST OF ATTACHMENTS is a Basin Fruitla	HOURS TESTED  1 CASING PRESSURE SI-350psi Sold, used for fuel, vent To be sold sand Coal/Wildcat	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  ted, etc.)	PROD'N FOR OIL TEST PERIOD OILBBL  0	BBL O GAS-MCF 164mcf	GASMCF 7mcf/h WATER-	Trace  BBL  1bw/d  TEST WITN	US (Producing or of the CONS. DIV. [  GAS-OIL RATIO  OIL GRAVITY-API.(CORR)
8/16/11 - GRS TE OF TEST  8/16/11  OW TUBING PRESS  SI-345psi DISPOSITION OF GAS (3) SI LIST OF ATTACHMENTS IS IS A Basin Fruitla	HOURS TESTED  1 CASING PRESSURE SI-350psi Sold, used for fuel, vent To be sold sand Coal/Wildcat	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  ted, etc.)	PROD'N FOR OIL TEST PERIOD OILBBL  0	BBL O GAS-MCF 164mcf	GASMCF 7mcf/h WATER-	Trace  BBL  1bw/d  TEST WITN	US (Producing of Operation)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)
8/16/11  OW TUBING PRESS	FLC HOURS TESTED  1 CASING PRESSURE SI-350psi Sold, used for fuel, vent To be sold s and Coal/Wildcat pregoing and attached in	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  ted, etc.)	PROD'N FOR OIL TEST PERIOD OILBBL  O  being commingle te and correct as determing	BBL O GAS-MCF 164mcf	GAS-MCF 7mcf/h WATER- f/d der #4413.	Trace  BBL  1bw/d  TEST WITN	US (Producing or Other Others) W. GAS-OIL, RATIO OIL GRAVITY-API. (CORR) W.

NMOCD

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API# 30-045*-35096			HEATON 7 100S			
Ojo Alamo	819'	942'	White, cr-gr ss.		Ojo Alamo	819'
Kirtland	942'	2050'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	942'
Fruitland	2050'	2479'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	2050'
Pictured Cliffs	2479'	2683'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	2479'
Lewis			Shale w/siltstone stringers		Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite		Huerfanito Bent.	
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	
Mesa Verde			Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal		Menefee	
Point Lookout			Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	
Mancos			Dark gry carb sh.	Š	Mancos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	
Greenhorn			Highly calc gry sh w/thin lmst.	į.	Gallup Greenhorn	
Graneros			Dk gry shale, fossil & carb w/pyrite incl.		Graneros	
Dakota			Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	

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submitted in lieu of Form 3160-5

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

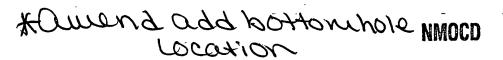


	Sundry Notices and Reports on Wells	SEF	2011 13 2011
1.	Type of Well GAS		ท่อนะลัรไร่)ก็น้ำก็ber LaSF4078097men If Indian, All. or Tribe Name
2.	Name of Operator  BURLINGTON  RESCURCES OIL & GAS COMPANY LP  Address & Phone No. of Operator  PO Box 4289, Farmington, NM 87499 (505) 326-9700  PO Box 4289, Farmington, NM 87499 (505) 326-9700	7.	Unit Agreement Name
3.	Address & Phone No. of Operator	8.	Well Name & Number Heaton 7 100S
4.	PO Box 4289, Farmington, NM 87499 (505) 326-9700  Location of Well, Footage, Sec., T, R, M	9.	API Well No. 30-045-35096 Field and Pool
	Unit C (NENW), 740' FNL & 1495' FWL, Section 29, T31N, R11W, NMPM	11.	Basin FruitlandCoal/ Wildcat Fruitland Sand County and State
12.	CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT Type of Submission  Notice of Intent  Abandonment Recompletion Now Construction Non-Routine Fracture Casing Repair Final Abandonment Altering Casing Conversion to Inject	X uring	DATA Other - COMPLETION
	Describe Proposed or Completed Operations  EASE SEE ATTACHED.		
	I hereby certify that the foregoing is true and correct.  and Denise Journey Title: Regula	atory Technic	<u>ian</u> Date <u>9/13/11</u>
AF CC Title	nis space for Federal or State Office use)  PROVED BY		Date

ACCEPTED FOR RECORD

SEP 1 4 2011

FARMINGTON FIELD OFFICE





HEATON 7 100S

**AMENDED** 

30-045-35096

**Burlington Resources** 

Basin Fruitland Coal/Wildcat Fruitland Sand

1/21/11 RU WL. TIH w/ 3 ¾" guage ring. Run GR/CCL/CBL logs. TOC @ 36'.

8/2/11 Install Frac Valve. PT csg to 5000# / 30 min. @ 8:15 hrs on 8/2/11. Test-OK.

8/3/11 RU WL to Perf Lower Fruitland Coal w/ .40"diam – 2SPF @ 2,440'-2,458'

Total Holes - 36.

8/4/411 RU to Frac Lower Fruitland Coal. Acidize w/ 500 gal 10% Formic Acid.

Frac w/ 21.168 gal 25# Linear 75% N2 foam w/ 54,314# 20/40 Brady Sand.

N2: 871,200scf. Set CFP @ 2,432'

Perf Upper Fruitland Coal w/ .40" diam – 3SPF @

2,331' - 2,334' = 9 holes 2,336' - 2,340' = 12 holes 2,373' - 2,376' = 9 holes 2,382' - 2,385' = 9 holes 2,400' - 2,402' = 6 holes

2,424' - 2,426' = 6 holes = 51 holes.

Acidize w/ 500 gal 10% Formic Acid. Frac w/ 20,538 gal 25# Linear 75% N2

Foam w/ 51,519# 20/40# Brady sand. N2: 840,200scf.

Set CFP @ 2,290'

Perf Wildcat Fruitland Sand w/ .40" diam - <u>2SPF</u> @ 2,256'-2,274' = 36 holes. Acidize w/ 500 gal 10% Formic Acid. Frac w/ 8,022 gal 20# Linear 70Q N2 foam w/ 56,647# 20/40 Brady Sand. N2: 218,900scf. Start Flowback.

8/12/11 MIRU AWS 448.

8/15/11 TIH to set CBP @ 2,100'. ND WH. NU BOPE. PT BOPE – Test- OK. TIH, tag

CBP @ 2,100' & DO.

8/16/11 TIH, tag CFP @ 2,190' & DO. CO & DO CFP @ 2,432'. CO to PBTD @ 2,678'.

Flowtest FC/FS.

8/17/11 RU WL. TIH w/ CBP & set @ 2,300'. RD WL.

Flowtest FS.

8/18/11 TIH. CO & DO CBP @ 2300'

8/19/11 TIH w/ 82 jts., 2 3/8", 4.7#, J-55 tubing. Blow/flow.

**8/23/11** PU, land tbg w/ hanger @ 2,461' w/ FN @ 2,460'. ND BOPE. NU WH.

RD RR @ 18:00 hrs on 8/23/11.

Form 3160-4 (October 1990)

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

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 **BUREAU OF LAND MANAGEMENT** 

			AN	IENDED					]	SF.	-078097
WELL C	OMPLE	TION OR	RECOMPL	ETION RI	EPC	ORT AND	LOC	)*	6 1F II	NDIAN, ALLOTTI	EE OR TRIBE NAME
1a. TYPE OF	WELL:	Oll	GAS X	DRY C	Other				1		
			EL . WELL .	L.					7. UNI	T AGREEMENT	NAME
b TYPE OF	COMPLETIO										ATON 7
	WELL X	WORK DE	EP- PLUG BACK	DIFF RESVR	Other				8 FAF	RM OR LEASE N	AME, WELL NO
											100S
	F OPERATOR			•					9 API	WELL NO	
			il & Gas Comp	any							45-35096
	S AND TELE		(5)	) E\ 000 070						ELD AND POOL,	
		, Farmington,	clearly and in accord	05) 326-970		ouromonte*					JITLAND COAL R BLOCK AND SURVEY
		` '	•	iance with any S	iale re	quirements)			1	R AREA	R BLOCK AND SURVEY
At surfac	e C(1	NENW), 740° F	NL & 1495' FWL								
A4 4aa aa		and ad balance	Come as abou							Section 2	0 T24N D44W
At top pri	od. interval re	ported below	Same as abov	76						Section 2	9, T31N, R11W
At total d	lepth Sar	ne as above									
			_								
				14. PERMIT NO	)	DATE ISSUE	.D			DUNTY OR	13 STATE
						1			l	PARISH	New Mexico
15 DATE SPI	UDDED 16.	DATE T D REAC	HED 17 DATE O	COMPL. (Ready to	prod.)		18 ELI	EVATIONS (DF, R	KB, RT, B	an Juan BR, ETC)*	19 ELEV CASINGHEAD
12/20/	1	1/12/11	1	8/23/	11			GL-5953'			•
20. TOTAL DE	EPTH, MD &TV	21 PLU	G, BACK T D., MD &TV					TERVALS	ROTARY	TOOLS	CABLE TOOLS
	2 6021		2 6701	'	M WOH		DF	RILLED BY	i		1
24 PRODUC	2,683'	(S) OF THIS COM	2,678' PLETION-TOP, BOTTO	M NAME (MD AND	2 TVD*		L			yes 25. WAS DIREC	TIONAL
24 PRODUC	HON INTERVAL	- (a) O1 11113 CON	FEETION-TOF, BOTTO	INI, INCINIC (IND XIVE	7100,					SURVEY M	
		ND COAL 2,	331' - 2,458'								NO
		THER LOGS RUN							27 WAS	WELL CORED	
GR/C	CL/CBL										No
28						Report all strings		<del> </del>			
CASING SI		WEIGHT, LB /F1						EMENTING RECO	ORD	A	MOUNT PULLED
7", 、	J-55	20#	225'	8 3/4	.**	Surf	ace, 5	51 sx (82cf)	-		3 bbls
4 4 1011	, , , ,	40 54	20721		.,	TOC @ 201	Cr	050 /c	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		22 hh.
4 1/2"	, J-05	10.5#	2672'	6 1/4	•	100 @ 36',	Surra	ice, 253 sx (5	voct)		32 bbls
29		LINE	RRECORD			30			TU	BING RECOR	D
SIZE	TOP (MD)	воттом (мі		IT* SCREEN	(MD)	SIZE		DEPTH SET			ACKER SET (MD)
						2 3/8", 4.	7#				
						J-55		2,461'			
		O (Interval, size and	number)	32.	4401			DT, FRACTURE			
		w/ .40" diam		2,	440'	- 2,458'	1	-			Frac w/ 21,168
	440' - 2,458' tland Cool	= 36 noies w/ .40" diam					1-		% N2 fo	am w/ 54,31	4# 20/40 Brady Sand.
• •	331' - 2,426'				334'	- 2,426'	-	71,200scf.	1400/ 5		F / 20 F20 1 0F//
Total FC H	•	01 110100			331 -	2,420	1	•			Frac w/ 20,538 gal 25# ) Brady Sand.
				ł				840,200scf.	illi w/ S	1,515# 20/40	Blady Salid.
								710,200001.			(02020
							1				1819202122
											(6) A
											15
33	BODUCTION	I - BD/	DOUCTION METHOD (F	lowing ase IIA a		RODUCTION	20)			WELL STATIO	(Produbing or shut-in)  (Produbing or shut-in)  (ASSOIL RATIOLEMAN OIL CONS. DIV. DIST of the production of the producti
DATE FIRST P	N/A		LOWING	owny, yas int, pun	npings	эге ани туре от рип	ן קוי			SI	(Producing or shut-in)
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N FOR	OILE	3BL	GAS-	-MCF	WATE	RBBL	GASTOIL RATIO
	ļ			TEST PERIOD							TE THE COME DIV DIST
	6/11	1	1/2"	<u></u>		0	L .	36mcf/h		Trace	S OIL COMO. DIA. DIA.
FLOW TUBING	3 PRESS	CASING PRESSU		OILBBL		GASMCF		WATERB	BL		OIL GRAVITY-API (CORR )
01.0	45mai	01.050	24-HOUR RATE	_		900	1.4		4 h'		
	45psi TION OF GAS (	SI-350ps Sold, used for fuel,		0		862mcf	ra .		1bw/c	TEST WITNESS	SED BY
J4 2101 Q01		To be solo								ILOI WIINESS	5.001
35, LIST OF	ATTACHMENTS		4								
			at Fruitland Sand	d being comm	ingle	d by DHC Ord	er #44	<b>1</b> 13.			
			d information is comple						-		
	1	3 /									0 - 4
SIGNED	( ) A	more to	TURNU TIT	LE	Staff	f Regulatory T	echni	cain	DATE		9 KECEPTED FOR REC

*(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

SEP 1 4 2011



API# 30-045*-35096			HEATON 7 100S		
Ojo Alamo	819'	942'	White, cr-gr ss.	Ojo Alamo	819'
Kirtland	942'	2050'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	942'
Fruitland	2050'	2479'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2050'
Pictured Cliffs	2479'	2683'	Bn-Gry, fine grn, tight ss.	Fruitland Pic.Cliffs	2479'
Lewis			Shale w/siltstone stringers	Lewis Huerfanito Bent.	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bent.	_
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale	 Chacra	
Mesa Verde			Light gry, med-fine gr ss, carb sh & coal	 Mesa Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout			Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout Mancos	
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	
Greenhorn			Highly calc gry sh w/thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/pyrite incl.	Graneros	
Dakota			Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota Morrison	
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	- 1

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Form 3160-4 (October 1990)

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

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.

### BUREAU OF LAND MANAGEMENT

AMENDED · · ·

SF-078097

			VIAITIA	34 1				-010031		
				ETION REPO	ORT AND	LOG*	6 IF INDIAN, ALLOTT	EE OR TRIBE NAME		
a TYPE OF	WELL:	ÖIL WELL	GAS WELL X	DRY Other						
b. TVPE OF	COMPLETION	`` ```					7 UNIT AGREEMENT	TNAME  EATON 7		
	NEW [Y]	WORK DEEP-	PLUG	DIFF O			8 FARM OR LEASE I			
	WELL	OVER EN	BACK	RESVR Other				100S		
NAME OF	F OPERATOR	3					9. API WELL NO	1003		
		` Resources Oil d	& Gas Comp	any			1	045-35096		
	S AND TELE			<u>,                                     </u>			10 FIELD AND POOL			
PC	BOX 4289	, Farmington, NN		)5) 326-9700				RUITLAND SAND		
		• •	•	ance with any State re	equirements)*		11 SEC, T, R, M, C OR AREA	OR BLOCK AND SURVEY		
At surface	e C(1	NENW), 740' FNL	& 1495' FWL				UR AREA			
							Santian 3	9, <b>T32N</b> , R11W		
At top pro	od. interval re	ported below	Same as abov	/e			Section 2	31.N		
At total de	lepth Sar	ne as above					1	31.70		
			-		DATE 1991					
			ľ	14 PERMIT NO.	DATE ISSUI	±D	12 COUNTY OR PARISH	13 STATE		
							San Juan	New Mexico		
DATE SPL		DATE T D REACHED	17 DATE C	COMPL (Ready to prod )		18 ELEVATIONS (DF,	RKB, RT, BR, ETC )*	19 ELEV CASINGHEAD		
12/10/		1/12/11	ACK TO 1/2 22	8/23/11	OMDI		' / KB-5968' ROTARY TOOLS	CARLETOCIO		
). TOTAL DE	PTH, MD &TV	21 PLUG, B	ACK T D , MD &TV	22 IF MULTIPLE CO HOW N		23 INTERVALS DRILLED BY	RUTARY TOOLS	CABLE TOOLS		
	2,683'		2,678'	2	2		yes			
4 PRODUCT	TION INTERVAL	(S) OF THIS COMPLE	TION-TOP, BOTTO	M, NAME (MD AND TVD)	*		25 WAS DIRE			
WILDO	CAT FRUIT	LAND SAND 2,	.256-2,274'				SURVEY N	MADE		
		THER LOGS RUN	, ,				27 WAS WELL CORED			
GR/C0	CL/CBL							No		
3.				CASING RECORD (	<u> </u>					
CASING SIZ		WEIGHT, LB /FT	DEPTH SET (M			MENT, CEMENTING REC				
7", J	J-55	20#	225'	8 3/4"	Sur	face, 51 sx (82cf)	3 bbls			
A 41A"	155	10.5	2672'	6 1/4"	TOC @ 261	, Surface, 253 sx (	(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	32 bbls		
4 1/4",	, J-55	10.5	2012	0 1/4	100 @ 36	, Juliace, 200 SX (	32 bbis			
9		LINER RE	CORD	1	30		TUBING RECOR	RD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMEN	T* SCREEN (MD)	SIZE	DEPTH SET	(MD)	PACKER SET (MD)		
		<b></b>			2 3/8", 4.		,			
PERFOR	TION RECORD	O (Interval, size and num	hber)	32	J-55	2,461	.   E, CEMENT SQUEEZE	FTC		
		d w/ .40" diam	/		- 2,274'	T	I 10% Formic Acid.			
	256' - 2,274					7	2 foam w/ 50,647# :	, ,		
_						N2: 218,900scf.	·····			
						]				
								AT 18 19 20		
								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
						1		A DECE		
								RECEIV		
								।প্রের্ত্তাত্ত		
TE EIDET D	PODLICTION	- DDCNIII	CTION METHOD (5)	Pl owing, gas lift, pumping	RODUCTION	70)	WELL STATUS			
LE PIKST PF	N/A		OWING	oving, gas int, pumping:	orea and type of but	(P)	SI	(Producing or shut-in)		
		HOURS TESTED		PROD'N FOR OIL	BBL	GASMCF	WATERBBL	GASOILRATIO		
TE OF TEST				TEST PERIOD	_			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
		1	1/2"		0	7mcf/h	Trace	ON ODANIES		
8/16		0.50.0		OIL-BBL	GASMCF	WATERI	SBL	OIL GRAVITY-ARE (CORE)		
8/16		CASING PRESSURE	CALCULATED 24-HOUR RATE			ı		ł.		
8/16 OW TUBING	PRESS		24-HOUR RATE	0	164mcf	/d	1bw/d .	1		
8/16 DW TUBING SI-34	PRESS	CASING PRESSURE  SI-350psi  Sold, used for fuel, vento	24-HOUR RATE	0	164mc1	/d	1bw/d TEST WITNES	SED BY		
.SI-34	PRESS ISpsi TION OF GAS (S	SI-350psi Sold, used for fuel, vento To be sold	24-HOUR RATE	0	164mct	id		SED BY		
8/16 OW TUBING SI-34 DISPOSIT	FRESS  FON OF GAS (S	SI-350psi Sold, used for fuel, vento To be sold	24-HOUR RATE					SED BY		
8/16 OW TUBING SI-34 DISPOSIT	S PRESS  ISPS  ION OF GAS (  ATTACHMENTS  as in Fruitla	SI-350psi Sold, used for fuel, vento To be sold and Coal/Wildcat I	24-HOUR RATE → → → → → → → → → → → → → → → → → → →	l being commingle	ed by DHC ord	er #4413.		SED BY		
8/16 OW TUBING SI-34 DISPOSIT	S PRESS  ISPS  ION OF GAS (  ATTACHMENTS  as in Fruitla	SI-350psi Sold, used for fuel, vento To be sold and Coal/Wildcat I	24-HOUR RATE → → → → → → → → → → → → → → → → → → →		ed by DHC ord	er #4413.	TEST WITNES	1916 1917		
8/16 OW TUBING SI-34 DISPOSIT 35. LIST OF A	S PRESS  ISPS  ION OF GAS (  ATTACHMENTS  as in Fruitla	SI-350psi Sold, used for fuel, vente To be sold and Coal/Wildcat I	24-HOUR RATE → → → → → → → → → → → → → → → → → → →	I being commingle e and correct as determin	ed by DHC ord	er #4413.	TEST WITNES	SED BY  SED BY  SED BY  SED BY  SED BY  SED BY		

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SEP 1 4 2011

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