Form 3160-4	
(August 2007)	
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	2017

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No 1004-0137 Expires July 31, 2010

370	- ' .J//, .	•							1					
KAM	St Jour	OffigNEL	L'COMbi	LETION OR I	RECOMI	PLETION R	REPORT AN	ND LC	OG	5 Lease Serial No SF-077651				
la. Type of Well	17700	JOPWell		s Well	Dry	Oth				6 If Indian, Allotte	e or Tribe Name	e		
b Type of Com	inclibraud	New Well	=	ork Over	Deepen		,	Dıff R	esvr,					
'real	7012	Other								7. Unit or CA Agreement Name and No.				
Ia. Type of Well ton New Well Work Over Deepen Plug Back Diff Resvr, 7. Unit or CA Agreement Name and No. WWW 173-36-77 2. Name of Operator SF-077651 SF-077651 6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No. WWW 73-36-7 8. Lease Name and Well No														
Burlington Resources Oil & Gas Company SADIE WEST 2M										ST 2M				
3 Address	O Box 4289, 1	Farmingto	n, NM 874	499	3a Phone	: No (include a	rea code) (505) 326-9	700		9 API Well No	30-045-3	35305-00Cl		
4 Location of W	ell (Report local	ion clearly a	id in accorde	nce with Federal	requiremen	nts)*				10 Field and Pool	or Exploratory			
ALGUEGO LINET N. (CE/CW). 12021 ESL. 9, 1024 EWI									11 Sec , T , R , M	BASIN	DK			
At surface UNIT N (SE/SW), 1202' FSL & 1926' FWL								Survey or Ar						
										31N, R12W				
At top prod I	Interval reported	below				SAME AS AB	OVE			12 County or Par	ısh	13 State		
A					24345 46	A DOLLE				6	T	No N		
At total depth 14 Date Spudde		115 D	ate T D Read		SAME AS A	te Completed				17 Elevations (D	Juan F RKB RT GI	New Mexico		
•	23/2012	""		/2012	l" F	D& A	X Read	y to Pro	od 05/02/12 GRC	i i zie ranons (s	6067'	•		
18 Total Depth	MD	71	77'	19 Plug Back T		MD	7161'		0 Depth Bridge Plug Se	t .	MD			
•	TVD				_	TVD		L		•	TVD			
21 Type Electri	ic & Other Mech	anıcal Logs F	un (Submit	copy of each)				2:	2 Was well cored?		X No	Yes (Submit analysis)		
			GR/G	CCL/CBL				Ì	Was DST run?		X No	Yes (Submit report)		
									Directional Survey?	•	X No	Yes (Submit copy)		
23 Casing and I	Iner Record (Re	port all string	s set in well)											
Hole Size	Size/Grade	Wt (#/f	t) To	p (MD)	Bottom (MI	O) Stag	e Cementer		No. of Sks &	Slurry Vol	Cement top	* Amount Pulled		
12 1/4"	9 5/8" / H-40	32.3#		0	231'		Depth n/a		Type of Cement 76sx-Pre-mix	(BBL) 22bbls	Surface	6bbls		
8 3/4"	7" / J-55	20# / 23		0	4374'		n/a		05sx-Premuim Lite	218bbls	Surface	65bbls		
6 1/4"	4 1/2" / L-80	11.6#		0	7162'		n/a		233sx-Premuim Lite	84bbls	TOC @ 420			
											3270			
											_			
24 Tubing Reco	L	<u> </u>									<u> </u>			
Size	Depth Set (M	ID) Pa	cker Depth (I	MD) Si	ze	Depth Set (MD)	Pa	cker Depth (MD)	Size	Depth Set (M	1D) Packer Depth (MD)		
2 3/8"	7010'		n/a											
25. Producing In			1 7	1 5		6 Perforation					N- 11.1	D C C		
A)	Formation Dakota		695		tom 42'		Perforate 1S	o Interv	'ai	Size	No Holes	Perf Status open		
B)	Dakota		705		75'		2S			.34"	14	open		
C)														
D)	-			<u></u> į			<u> </u>			<u>_</u>				
27 Acid, Fractu	Depth Interval	ement Squeez	e, etc					Amoun	t and Type of Material			· · · · · · · · · · · · · · · · · · ·		
	Deptil mer var		Acidize	w/ 10bbls of 15%	HCL. Fra	c'd w/ 35,910g			2 foam w/ 25,087# of 20	0/40 Brady sand. T	otal N2:4,804,3	00SCF.		
	_6954' - 7075'									·				
	-		_											
28 Production -	т——		15					_	1.					
Date First Produced	Test Date	Hours	Test	Oil BBL	Gas	Water BBL	Oil Gravity		Gas	Production N	Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr API		Gravity	1				
05/02/12 GRC	5/9/2012	1hr.		n/a/boph	44/mcf	/h 1/bwpt	n/a		n/a		FLO	WING		
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil		Well Status					
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio							
1/2"	SI-715psi	SI-716psi		n/a/bopd	1,067/m	cf/d 16/bwp	d n/s	ı	1	SE	IUT IN			
28a Production														
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production N	CVD MAY	01110		
Produced		Tested	Production	BBL	MCF	BBL	Corr API		Gravity					
		1		•	!					[OIL COMS	. U.V.		
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil		Well Status		DIST.	3		
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio				البحدثية			
	SI	'		•										
*/6	I and spaces for		L		1					DE	-AADII			

ACCEPTED FOR RECORD

MAY 2 5 2012

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FARMINGTON FIELD OFFICE BY



Pate First Test D Produced		rs Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
	Pate Hou		BBL	MCF	BBL	Cort API	Gravity		
hoke Tbg P ize Flwg SI	Press Csg Pre	I	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
8c Production - Interv	/al D	ı					<u>L</u>		
rate First Test D	Date Hoo Tes	l l	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
hoke Tbg F ze Flwg. SI	Press Csg Pre		Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status		
Disposition of Gas	(Solid, used for	fuel, vented, etc)	•	•					
					то ві	E SOLD			
O Summary of Porous	Zones (Include	Aquifers):					31 Formatio	on (Log) Markers	
Show all important z including depth inter- recoveries						,			
	rmation Top Bottom								
Formation	Тор	Bottom		Descrip	tions, Conte	ents, etc		Name	Top Meas Depth
Formation Ojo Alamo	Top 670'	Bottom			tions, Conte			Name Ojo Alamo	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
					White, cr-gr s	s			Meas Depth
Ojo Alamo	670'	712'		Gry sh interbe	White, cr-gr s	s		Ojo Alamo	Meas Depth
Ojo Alamo Kırltand	670' 712'	712' 2108'		Gry sh interbe	White, cr-gr s	s gry, fine-gr ss med gry, tight, fine gr ss		Ojo Alamo Kırltand	Meas Depth 670' 712'
Ojo Alamo Kırltand Fruutland Pictured Clıffs Lewis	670' 712' 2108' 2449' 2618'	712' 2108' 2449' 2618' 3176'		Gry sh interbe carb sh, coal, Bn-G	White, cr-gr s dded w/tight, grn silts, light	s gry, fine-gr ss med gry, tight, fine gr ss ght ss		Ojo Alamo Kırltand Fruitland Pictured Cliffs Lewis	Meas Depth 670' 712' 2108' 2449' 2618'
Ojo Alamo Kırltand Frutland Pictured Cliffs Lewis	670' 712' 2108' 2449'	712' 2108' 2449' 2618'		Gry sh interbe carb sh, coal, Bn-G Shale	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti	s gry, fine-gr ss med gry, tight, fine gr ss ght ss tingers		Ojo Alamo Kırltand Frutland Pictured Cliffs	Meas Depth 670' 712' 2108' 2449'
Ojo Alamo Kırltand Frutland Pictured Cliffs Lewis	670' 712' 2108' 2449' 2618'	712' 2108' 2449' 2618' 3176'	Dk gry-gry	Gry sh interbe carb sh, coal, Bn-G Shale White,	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b	s gry, fine-gr ss med gry, tight, fine gr ss ght ss tingers		Ojo Alamo Kırltand Fruitland Pictured Cliffs Lewis	Meas Depth 670' 712' 2108' 2449' 2618'
Ojo Alamo Kırltand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite	670' 712' 2108' 2449' 2618' 3176'	712' 2108' 2449' 2618' 3176' 3541'	Dk gry-gry	Gry sh interbe carb sh, coal, Bn-G Shale White,	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b	s gry, fine-gr ss -med gry, tight, fine gr ss ght ss tingers entonite one w/ drk gry shale		Ojo Alamo Kırltand Frutland Pictured Cliffs Lewis Huerfanito Bentonite	Meas Depth 670' 712' 2108' 2449' 2618' 3176'
Ojo Alamo Kırltand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra	670' 712' 2108' 2449' 2618' 3176'	712' 2108' 2449' 2618' 3176' 3541'	Dk gry-gry	Gry sh interbe carb sh, coal, Bn-G Shale White,	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si wavy chalky b	s gry, fine-gr ss gry, tight, fine gr ss ght ss tingers entonite one w/ drk gry shale earb sh & coal		Ojo Alamo Kurltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra	Meas Depth 670' 712' 2108' 2449' 2618' 3176'
Ojo Alamo Kırltand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry	Gry sh interbe carb sh, coal, Bn-G Shale White, fn grn silty, gla Light gry, me	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b auconitic sd ste d-fine gr ss, c y, fine gr ss, c ss w/ frequen	s gry, fine-gr ss gry, tight, fine gr ss ght ss tingers entonite one w/ drk gry shale earb sh & coal		Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'
Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry	Gry sh interbe carb sh, coal, Bn-G Shale White, fn grn silty, gla Light gry, me Med-dark gr	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b auconitic sd ste d-fine gr ss, c y, fine gr ss, c ss w/ frequen formation	s gry, fine-gr ss gry, tight, fine gr ss ght ss tingers entonite one w/ drk gry shale carb sh & coal arb sh & coal at sh breaks in lower part o		Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfamto Bentonite Chacra Mesa Verde Menefee Point Lookout	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'
Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry Gry ! Med-light g	Gry sh interbe carb sh, coal, Bn-G Shale White, fn grn silty, gla Light gry, me Med-dark gr ry, very fine gr	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b auconitic sd ste d-fine gr ss, c y, fine gr ss, c ss w/ frequen formation bark gry carb s	s gry, fine-gr ss gry, tight, fine gr ss ght ss tingers sentonite one w/ drk gry shale carb sh & coal arb sh & coal at sh breaks in lower part o	f	Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'
Ojo Alamo Kırltand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry Gry ! Med-light g	Gry sh interbe r carb sh, coal, Bn-G Shale White, fin grn silty, gla Light gry, me Med-dark gr ry, very fine gr	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b auconitic sd ste d-fine gr ss, c y, fine gr ss, c ss w/ frequen formation bark gry carb s	s gry, fine-gr ss gry, fine-gr ss ght ss tingers entonite one w/ drk gry shale earb sh & coal	f	Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfamto Bentonite Chacra Mesa Verde Menefee Point Lookout	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'
Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104'	Dk gry-gry Gry ! Med-light g	Gry sh interbe r carb sh, coal, Bn-G Shale White, fin grn silty, gla Light gry, me Med-dark gr ry, very fine gr	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, ti w/ siltstone si waxy chalky b auconitic sd ste ed-fine gr ss, c y, fine gr ss, c ss w/ frequer formation oark gry carb s acac gluac silt	s gry, fine-gr ss gry, fine-gr ss ght ss tingers entonite one w/ drk gry shale earb sh & coal ea	f	Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236'
Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'	Ok gry-gry Gry Med-light g . Lt gry to t	Gry sh interber carb sh, coal, Bn-G Shale White, fin grn silty, gla Light gry, me Med-dark gr ry, very fine gr ry, very fine gr Highly c Dk gry shale,	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, tr w/ siltstone si wavy chalky b auconitic sd ste ed-fine gr ss, c y, fine gr ss, c ss w/ frequen formation bark gry carb s aicac gluac silt reg interbed s aicac gry sh w/ fossil & carb	s gry, fine-gr ss -med gry, tight, fine gr ss ght ss tingers entonite one w/ drk gry shale earb sh & coal arb sh & coal at sh breaks in lower part o sh s & very fine gry gry ss w/ sh thin Imst w/ pynte incl		Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104'
Ojo Alamo Kırltand Frutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup Greenhorn	670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834' 6892'	Ok gry-gry Gry Med-light g . Lt gry to t	Gry sh interbee carb sh, coal, Bn-G Shale White, fin grn silty, gla Light gry, me Med-dark gr ry, very fine gr ry, very fine gr Highly c Dk gry shale, ry foss carb sl	White, cr-gr s dded w/tight, grn silts, light ry, fine grn, tr w/ siltstone si wavy chalky b auconitic sd ste ed-fine gr ss, c y, fine gr ss, c ss w/ frequen formation bark gry carb s aicac gluac silt reg interbed s aicac gry sh w/ fossil & carb	s gry, fine-gr ss -med gry, tight, fine gr ss ght ss tingers -entonite		Ojo Alamo Kırltand Fruutland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup Greenhom	Meas Depth 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'

33 Indicate which items have been attached by placing a check in the appropriate boxes DST Report X Electrical/Mechanical Logs (1 full set req'd.) Geologic Report Directional Survey Sundry Notice for plugging and cement verification Other Core Analysis 34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* Name (please print) Tıtle Staff Regulatory Tech Date 5/10/2012 Signature Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Continued on page 3)

(Form 3160-4, page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

		WEL	L COMPLE	TION OR R	RECOMPL	ETION RE	PORT AN	D LOG	5 Lease Serial No	SF-077	651
la Type of Well		Oil Well	X Gas W	'ell	Dry	Other			6 If Indian, Allotte		
b Type of Com	=	New Well	Work	Over	Deepen	Plug B	ack	Diff Resvr,			
7. Unit or CA Agreement Name and No. Other 7. Unit or CA Agreement Name and No. NMNM 73443											
2 Name of Opera	ator	В	8 Lease Name and Well No SADIE WEST 2M								
3. Address) Box 4289, 1	Farmingto	n, NM 87499		3a Phone No	(include area)	a code) 505) 326-9	700	9 API Well No.	30-045-3	35305-00CZ
4 Location of W					requirements)				10 Field and Pool	or Exploratory	
At surface			U	NIT N (SE/SW	'), 1202' FSL	& 1926' FWL	,		11 Sec, T, R, M	BLANCO I, on Block and	MV
					,,				Survey or Ar	ea	r31N, R12W
At top prod I	nterval reported	below			SA	ME AS ABO	VE		12 County or Par		13 State
At total depth				s	AME AS AB	OVE			San	Juan	New Mexico
14 Date Spudde	d 23/2012	15 Da	ate T D Reached 3/11/20		16 Date (D & A	X Read	y to Prod 04/26/12 GRC	17 Elevations (D	F, RKB, RT, GL 6067'	
18 Total Depth	MD	717		Plug Back T D) <u></u>	MD	7161'	20 Depth Bridge Plug S	Set	MD	
21. Type Electri	TVD	ianical Logs R	un (Submit cop	y of each)		TVD		22 Was well cored?		TVD X No	Yes (Submit analysis)
**		J	GR/CCI	•				Was DST run?		X No	Yes (Submit report)
								Directional Surve	y?	X No	Yes (Submit copy)
23. Casing and I		1		1		Stage	Cementer	No. of Sks. &	Slurry Vol	1	
Hole Size	Size/Grade	Wt (#/f			Sottom (MD)	D	epth	Type of Cement	(BBL)	Cement top	
12 1/4" 8 3/4"	9 5/8" / H-40 7" / J-55	32.3#			231' 4374'		n/a n/a	76sx-Pre-mix 605sx-Premuim Lite	22bbls 218bbls	Surface Surface	
6 1/4"	4 1/2" / L-80	11.6#			7162'		n/a	233sx-Premuim Lite	84bbls	TOC @.43	
										3270	
24 Tubing Reco	ord .	1									
Size	Depth Set (N	AD) Pa	cker Depth (MD) Si	ze	Depth Set (MI	0)	Packer Depth (MD)	Size	Depth Set (N	(MD) Packer Depth (MD)
2 3/8" 25. Producing In	7010' tervals		n/a		26	Perforation R	ecord			<u> </u>	
25.110446	Formation		Тор	Bott			Perforate	d Interval	Size	No Holes	Perf Status
A)	Point Looke		4800'	512			15		.34"	25	open
B) C)	Menefee		4390'	460	50		18	rr	.34	25	open
D)											
27 Acid, Fractu		ement Squeez	e, etc					Amount and Type of Material			
	Depth Interval		Acidize w/	10bbls of 15%	HCL. Frac'd	w/ 37,464gals		rater N2 foam w/ 99,803# of		otal N2:1,280,1	100SCF.
	4800' - 5126'		4 - 1 - 1 - 1 - 1	101116150/	HCL Foods	/212701-	700/ 61:-1	rater N2 foam w/ 50,930# of	20/40 Para tarand 7	C-4-1 N2-069 50	ACCE
	4390' - 4660'		Acidize W/	100018 01 15%	HCL. Frac a	W/ 21,5 / ogats	70% SHEKW	atter N2 toam W/ 50,930# 61	20/40 Brady sand. I	otai N2;968,50	oscr.
28 Production -	Tutamial A							•···•			
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production I	Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity			
04/26/12 GRC	5/2/2012	1hr.		trace/boph	† 	1/bwph	n/a			FLO	OWING
Choke Size	Tbg. Press Flwg	Csg Press	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
1/2"					3,412/mcf/e		ļ		c:	HIT IN	
28a Production	SI-715psi - Interval B	SI-716psi	<u> </u>	тгасе/вора	1 3,412/mci/e	1 27/bwpd	n/a	i ,	51	HUT IN	
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Production I	Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity	F	CVD MAI	/31'12
		<u> </u>					1		-	<u>ou com</u>	S. DTU.
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	O:I BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		DIST	
	SI	1	react -	1							
*(See instruction	ins and spaces for	r additional da	ita on page 2)		1				CCEPTED	FOH RE	20Hn
,	•		. 5					į.	ACCEDIED	· ·	

MAY 2 5 2012

FARMINGTON FIELD OFFICE
BY

1	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
roduced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity		
hoke '	Tbg Press	Csg	24 Hr	Oıl	Gas	Water	Gas/Oil	Well Status	<u> </u>	
	Flwg SI	Press	Rate	BBL	MCF	BBL	Ratio			
Bc Production -	· Interval D					<u> </u>		<u> </u>		
	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
oduced		Tested	Production	BBL	MCF	BBL	Сол АРІ	Gravity		
hoke	Tbg Press.	Csg	24 Hr	Oıl	Gas	Water	Gas/Oıl	Well Status		
	Flwg SI	Press.	Rate	BBL	MCF	BBL	Ratio			
Disposition o	of Gas <i>(Solid, use</i>	ed for fuel, v						<u> </u>		
						то ве	SOLD			
Summary of I	Porous Zones (In	iclude Aquif	ers)					31 Formation	on (Log) Markers	
-	rtant zones of por h interval tested.	•	d, time tool ope				,	ļ		
recoveries	,									
		pp	Bottom		Descript	tions, Conte	nts, etc		Name	Top Meas Deptl
recoveries	То		Bottom			tions, Conte			Name Ojo Alamo	Top Meas Deptl
Formation	То	0'				White, cr-gr ss	3			Meas Deptl
Formation Ojo Alamo	To 67(0' 2'	712'		N Gry sh interbed	White, cr-gr so	gry, fine-gr ss		Ojo Alamo	Meas Deptl
Formation Ojo Alamo Kirltand	To 676	0' 2' 08'	712' 2108'		Gry sh interbed	White, cr-gr so	gry, fine-gr ss -med gry, tight, fine gr ss		Ojo Alamo Kultand	Meas Deptl
Formation Ojo Alamo Kirltand Fruitland	To 676	0' 2' 08'	712' 2108' 2449'		Gry sh interbed carb sh, coal, ; Bn-Gr	White, cr-gr ss dded w/tight, grn silts, light	gry, fine-gr ss -med gry, tight, fine gr ss tht ss		Ojo Alamo Kultand Fruitland	Meas Deptl 670' 712' 2108'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis	To 679 71: 210 678 244 261	0' 2' 98' 49'	712' 2108' 2449' 2618'		Gry sh interbed carb sh, coal, p Bn-Gr Shale	White, cr-gr ss dded w/tight, grn silts, light- ry, fine grn, tig	gry, fine-gr ss -med gry, tight, fine gr ss ght ss ingers		Ojo Alamo Kultand Fruitland Pictured Cliffs	Meas Deptl 670' 712' 2108' 2449'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis	To 679 71: 210 678 244 261	0' 2' 08' 18' 76'	712' 2108' 2449' 2618' 3176'	Dk gry-gry	Gry sh interbed carb sh, coal, ; Bn-Gr Shale White, v	White, cr-gr st dded w/tight, grn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b	gry, fine-gr ss -med gry, tight, fine gr ss ght ss ingers		Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis	Meas Deptl 670' 712' 2108' 2449' 2618'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent	To 676 71: 210 678 244 261 317 354	0' 2' 88' 49' 18' 76'	712' 2108' 2449' 2618' 3176' 3541'	Dk gry-gry	Gry sh interbed carb sh, coal, i Bn-Gr Shale White, v	White, cr-gr st dded w/tight, grn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b	gry, fine-gr ss -med gry, tight, fine gr ss tht ss ingers entonite		Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite	Meas Deptl 670' 712' 2108' 2449' 2618' 3176'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent	To 676 71: 210 678 244 261 317 354	0' 2' 98' 49' 18' 76'	712' 2108' 2449' 2618' 3176' 3541'	Dk gry-gry	Gry sh interbed carb sh, coal, i Bn-Gr Shale White, v n grn silty, glai Light gry, me	White, cr-gr se dded w/tight, grn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b	gry, fine-gr ss med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal		Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra	Meas Depti 670' 712' 2108' 2449' 2618' 3176'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee	To 670 712 210 210 215 244 261 317 354 48 418	0° 2° 18° 18° 11° 11° 184° 11° 184° 11° 184° 11° 11° 184° 11° 11° 11° 11° 11° 11° 11° 11° 11° 1	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry	Gry sh interbed carb sh, coal, i Bn-Gr Shale White, v n grn silty, glai Light gry, me	White, cr-gr st dded w/tight, grn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b uconitic sd sto d-fine gr ss, c y, fine gr ss, c ss w/ frequen	gry, fine-gr ss med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal		Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	Meas Deptl 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee Point Looko	To 670 712 210 210 ffs 244 261 317 354 48 418	0° 2° 18° 18° 76° 11° 11° 1834° 184° 1884° 1884° 1884° 1884° 1884° 1884° 1886° 1866° 1886°	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry	Gry sh interbed carb sh, coal, ; Bn-Gr Shale White, v in grn silty, glar Light gry, me Med-dark gry y, very fine gr	White, cr-gr st dded w/tight, grn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b uconitic sd sto d-fine gr ss, c y, fine gr ss, c ss w/ frequen formation	gry, fine-gr ss med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal arb sh & coal t sh breaks in lower part o		Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout	Meas Deptl 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee	To 670 712 210 210 215 244 261 317 354 48 418	0° 2° 18° 18° 76° 11° 11° 1834° 184° 1884° 1884° 1884° 1884° 1884° 1884° 1886° 1866° 1886°	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798'	Dk gry-gry Gry fi Med-light gr	Gry sh interbed carb sh, coal, a Bn-Gr Shale White, w in grn silty, glan Light gry, me Med-dark gry y, very fine gr	White, cr-gr sedded w/tight, agrn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b ucconitie sd sted- fine gr ss, c y, fine gr ss, c ss w/ frequen formation ark gry carb s	gry, fine-gr ss med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal arb sh & coal t sh breaks in lower part of	ſ	Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee	Meas Deptl 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee Point Looko	To 670 712 210 210 ffs 244 261 317 354 48 418	0' 2' 2' 18' 18' 76' 11' 84' 84' 86'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'	Dk gry-gry Gry fi Med-light gr	Gry sh interbed carb sh, coal, a Bn-Gr Shale White, w in grn silty, glai Light gry, me Med-dark gry y, very fine gr	White, cr-gr sedded w/tight, agrn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b ucconitie sd sted- fine gr ss, c y, fine gr ss, c ss w/ frequen formation ark gry carb s	gry, fine-gr ss med gry, tight, fine gr ss tht ss ingers entonite one w/ drk gry shale arb sh & coal arb sh & coal t sh breaks in lower part of	ſ	Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout	Meas Depti 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee Point Looko Mancos Gallup Greenhorn	To 70 71 210 210 610 1 683	0' 2' 98' 49' 11' 84' 84' 84' 86' 98' 36' 98' 36'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834' 6892'	Dk gry-gry Gry fi Med-light gr	Gry sh interbed carb sh, coal, i Bn-Gr Shale White, v in grn silty, glai Light gry, me Med-dark gry y, very fine gr Drn calc carb mi	White, cr-gr sedded w/tight, agrn silts, light- y, fine grn, tig w/ siltstone st waxy chalky b uconitic sd sted- fine gr ss, c y, fine gr ss, c ss w/ frequen formation ark gry carb s ucae gluae silts reg interbed s ale gry sh w/ t	gry, fine-gr ss -med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal arb sh & coal t sh breaks in lower part o h s & very fine gry gry ss w/h h hin Imst	ſ	Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup Greenhorn	Meas Deptl 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee Point Looko Mancos Gallup	To 70 71 210 210 610 1 683	0' 2' 98' 49' 11' 84' 84' 84' 86' 98' 36' 98' 36'	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'	Dk gry-gry Gry fi Med-light gr Lt gry to b	Gry sh interbed carb sh, coal, g Bn-Gr Shale White, w n grn silty, glai Light gry, me Med-dark gry y, very fine gr rn calc carb mi Highly co	White, cr-gr ss dded w/tight, y, fine grn, tig w/ siltstone st waxy chalky b uconitic sd sto d-fine gr ss, c y, fine gr ss, c ss w/ frequen formation ark gry carb s icae gluae silts reg interbed s ale gry sh w/ t fossil & carb	gry, fine-gr ss med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal arb sh & coal t sh breaks in lower part o h s & very fine gry gry ss w/ h hin Imst w/ pyrite incl	ſ	Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup	Meas Deptl 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104'
Formation Ojo Alamo Kirltand Fruitland Pictured Clif Lewis Huerfanito Bent Chacra Mesa Verde Menefee Point Looko Mancos Gallup Greenhorm	To 70 71 210 210 610 1 683	0° 22' 88' 84' 84' 884' 884' 884' 884' 884	712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834' 6892'	Dk gry-gry Gry fi Med-light gr Lt gry to b	Gry sh interbed carb sh, coal, g Bn-Gr Shale White, v n grn silty, glan Light gry, me Med-dark gry y, very fine gr Drn calc carb mi Highly co	White, cr-gr ss dded w/tight, y, fine grn, tig w/ siltstone st waxy chalky b uconitic sd sto d-fine gr ss, c y, fine gr ss, c ss w/ frequen formation ark gry carb s icae gluae silts reg interbed s ale gry sh w/ t fossil & carb	gry, fine-gr ss -med gry, tight, fine gr ss ght ss ingers entonite one w/ drk gry shale arb sh & coal arb sh & coal t sh breaks in lower part o h s & very fine gry gry ss w/ h hin Imst w/ pyrite incl w/ pyrite incl w/ pyrite incl thin sh band	ſ	Ojo Alamo Kultand Fruitland Pictured Cliffs Lewis Huerfanito Bentonite Chacra Mesa Verde Menefee Point Lookout Mancos Gallup Greenhorn	Meas Deptl 670' 712' 2108' 2449' 2618' 3176' 3541' 3984' 4184' 4798' 5236' 6104' 6834'

33 Indicate which items have been attached by placing a ch	neck in the appropriate boxes			
X Electrical/Mechanical Logs (1 full set req'd)	Geologic Report	DST Report	Directional Survey	
Sundry Notice for plugging and cement verification	Core Analysis	Other		
34 I hereby certify that the foregoing and attached information	ion is complete and correct as determined	from all available records (see a	ttached instructions)*	· · · · · · · · · · · · · · · · · · ·
	larie, E Jaramillo	Title	Staff Regulatory Tech	
Signature My /	MAGALXI	Date	5/10/2012	
	1 4000			
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Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction