RECEIVED

INUTED STATES

1			DEPARTM	MENT O	F THE D	NTERIO	r JUN	07	2012		OMB No 100	4-0137
			DUNDAU	T LAN	<i>J</i> 19174.197	TOEMER	N I	on Fi	ald Oth	.	Expires July 3	1, 2010
	WE	LL COM	PLETION O	R RECO	MPLETI	ON REPÓ Bui	ort ANI reau of	Land i	/Janag €	Lease Serial No.	SF-0783	358
la Type of Well		Oıl Well	X Gas W	<u></u>	Dry	Othe		-	i i	If Indian, Allotte	e or Tribe Name	
b Type of Complete	ion	New Well	∐ Work 0	Over	Deepen	Plug	Back	Diff R		MWWW	783941	
		Other								. Unit of CA Agi	reement Name a Huerfanito	
2 Name of Operator									8	Lease Name and		
					_						luerfanito U	nit #79N
	30x 4289, Far						e area code, 326-970			API Well No		1950 -00CZ
4. Location of Well (Report location c	learly and n	n accordance with	h Federal re	quirements,)*			1	O. Field and Pool		VEDDE
At surface	UNIT P (SESE)	, 445' FSL	& 355' FEL						<u> </u>	1 Sec, T, R, M	BLANCO MESA I., on Block and	VERDE
										Survey or Ar	-	
At ton prod Inton	riol manautad halau		CAMP AC ADO	NATE:					ļ.	2. Gt P	Sec. 26, T2	
At top prod. Inter	vai reported belov	v	SAME AS ABO	JVE					[]	2 County or Par	isn	13. State
At total depth	SAME AS	ABOVE								San	Juan	New Mexico
14 Date Spudded	/2012	15	Date T D Reache		16 Da	te Complete		2-GRS		7. Elevations (D	F, RKB, RT, GL)*	
18. Total Depth:	MD		3/19/201 804' 19	Plug Back		JD&A MD	6,798'	dy to Pro		ridge Plug Set	GL-6,309' / KI	3-6,324'
18. Total Depth.	TVD	0,	19	riug Dack	D	TVD	0,798	20	o. Depui o	lage Plug Sei	TVD	
21. Type Electric &	Other Mechanica	l Logs Run	(Submit copy of	each)				22	2 Was we	ell cored?	X No	Yes (Submit analysis)
									Was D	ST run?	X No	Yes (Submit report)
GR/CCL/CBL									Direct	onal Survey?	X No	Yes (Submit copy)
23. Casing and Lines	Record (Report	all strings se	et in well)					1		T		
Hole Size	Size/Grade	Wt. (#/	ft) Top (N	4D) H	Bottom (MD)	Cementer Depth		of Sks. & of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" H-40	32.3	# 0		229'		n/a		103	29 bbls	Surface	1 bbl
8 3/4"	7" J-55	20# / 2			3,982'		n/a	 	523	189 bbls	Surface	70 bbl
6 1/4"	4 1/2" L-80	11.6	# 0		6,800'		n/a	-	230	83 bbls	2,910'	
											1	
	<u></u>				•							
24. Tubing Record Size	Depth Set (M	a l a	acker Depth (MD	<u>, </u>	Size	Depth Set (MD) P	acker De	pth (MD)	Size	Depth Set (MI	D) Packer Depth (MD)
2 3/8", 4.7#, L-80	6,623'	2) 1	n/a	/	,,,,,	Depair Ser (1	doker De	pur (IVED)	5120	Deptil Bet (ivi	7 Tacker Deput (VID)
25. Producing Interv							ion Record					
A)	Formation Point Lookout		Top 4,482'		816'	P	erforated In 1 SPF			Size	No Holes	Perf. Status
B)	Menefee	-	4,482		375'		1 SPF			.34" diam	25	Open Open
<u>c)</u>												
D) 27. Acid, Fracture, 7	Total Holes	t Sauceza			<u></u>						50	
	Depth Interval	n squeeze, e	1				A	mount an	nd Type of I	Material		
4	,482' - 4,816'					l. Frac w/ 36				102,984# 20/40	Brady Sand.	
	.086' - 4.375'		Total N2: 1	<u> </u>		om w/51 62	0# 20/40 P	rody Son	d Total N	2: 1.041.100scf.		
	,000 - 4,575		F1ac w/ 22,0	550 gai 70Q	142 SHCKIO	alli w/ 51,02	0# 20/40 D	lauy San	iu. Totai i	2. 1,041,100SCL		
28. Production - Inte					_							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oıl Gravit Corr. API	-	Gas Gravity	Production N	Method	
Troduced		Tested		BBE	IVICI	BBE	Con. Air	•	Glavity			
5/9/12-GRS	5/17/2012	1	8 2	0	17mcf/l		<u> </u>		ļ		FLOV	VING
Choke	Tbg. Press.	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratıo		Well State	ıs	RCVD JUN	19:10
Size	Flwg SI	SI	1	DDL	I VICE	Der					ON COM	riii
1/2"	409psi	582psi		0	398mcf/	d 11 bwpd	1					. Lilu.
28a. Production - In		Trr	Trpt	Toa	10	luz-4	1010 :		lc	In		0
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravit Corr. API	-	Gas Gravity	Production N	vicanoa	
										1		

Tbg Press

Flwg

Choke

Size

BEINE D

Oil

BBL

Gas

MCF

24 Hr

Rate

Csg

Press



Gas/Oıl

Ratio

Water

BBL

Well Status

FARMINGTON FIELD OFFICE

ACCEPTED FOR RECORD

JUN 0 7 2012

^{*(}See instructions and spaces for additional data on page 2)

28b Production	Interval C					•	· · · · · · · · · · · · · · · · · · ·							
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Ga	as	Production Method				
Produced		Tested	Production	BBL	MCF	BBL	Corr API	1	avity					
•						İ								
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oıl	w	ell Status					
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio	"	on Status					
	SI		ACCOME!											
28c Production	Interval D													
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Ga	95	Production Method				
Produced		Tested	Production	BBL	MCF	BBL	Corr API		ravity					
	1	ł						ļ						
Choke	Tbg Press	Csg.	24 Hr	Oil	Gas	Water	Gas/Oil	111	ell Status					
Size	Flwg.	Press	Rate	BBL	MCF	BBL	Ratio	"	en status					
	SI	ł			1									
20 D	50 611				1.									
29. Disposition	of Gas (Solid, us	sea jor juei, s	ventea, etc j											
TO BE SOLD														
30. Summary o	f Porous Zones (I	Include Aqui	fers):					31	. Format	ion (Log) Markers				
Sharra -11 i				C l . t.	.1 1 11									
-	ortant zones of p oth interval tested	-					it,							
recoveries.		,	,о гоог оро	,	onac ar pr	and								
				1							T			
Formatio	n T	ор	Bottom		Descrip	tions, Conte	nts. etc.			Name	Тор			
		•				,	,				Meas Depth			
Ојо Alam	13	96'	1501'	ļ	,	White, cr-gr ss	3			Ojo Alamo	1396'			
Kirltand	i 15	i01'	1942'	1 '	Gry sh interbe	dded w/tight,	gry, fine-gr ss	1		Kirltand	1501'			
Fruitland	1 19	142'	2179'	Dk gry-gry	carb sh, coal,	grn silts, light-	-med gry, tight, fi	ine gr ss		Fruitland	1942'			
Pictured Cl	lıffs 21	79'	2288'			ry, fine grn, tig		_		Pictured Cliffs	2179'			
Lewis	22	88'	2650'	1	Shale	w/ siltstone st	ingers			Lewis	2288'			
Huerfanito Be	ntonite 26	550'	2706'		White,	waxy chalky b	entonite	1		Huerfanito Bentonite	2650'			
Chann	,,,	1061	27621		1 1.			.		Cl	2704			
Chacra Mesa Ver	į.	706' 763'	3763' 3832'	Gryt		uconitic sa sta ed-fine gr ss, c	one w/ drk gry sha	ale		Chacra Mesa Verde	2706' 3763'			
Menefe		332'	4482'	1		-		-						
Wieliele	30)32	4402	Mad light on		y, fine gr ss, c	aro sn & coai t sh breaks in low			Menefee	3832'			
Point Look	cout 44	182'	4937'	Wicd-light gi	y, very mie gi	formation	t sit breaks itt fow	rei pait of		Point Lookout	4482'			
Mancos	s 49	37'	5634'		r	ark gry carb s	h	ŀ		Mancos	4937'			
C-II.		(24)	(460)	Lt gry to b			& very fine gry	gry ss w/		Gallup 5634' Greenhorn 6469' Graneros 6522'				
Gallup Greenho		534' 169'	6469' 6522'			reg interbed s alc gry sh w/ t								
Granero	I	522'	6561'		-	fossil & carb								
				Lt to dark gr	y foss carb sl	calc sl sitty ss	w/ pyrite incl this	n sh bands						
Dakota	ı	561'	6804'	l		ly Y shale brea			Dakota 6561'					
Morriso 32. Additional	remarks (include	plugging pro	ocedure).	Interb	ed grn, brn &	red waxy sh &	fine to coard gr	n ss	····	Morrison				
_	hich items have b			eck in the app	_					□ p				
Electrica	l/Mechanical Log	gs (1 Tull set	requ)		L] Geo	logic Report	ı	DST R	eport	Directional Su	rvey			
Sundry 1	Notice for pluggin	ig and cemer	it verification		Cor	e Analysis		Other						
-	-	going and at		_		ct as determ		vailable rec	ords (see	attached instructions)*				
Name	(please print)		DEI	VISE JOURY	YEY		- Title			REGULATORY TECHNICIA	AN			
Signat	ure		mise (jour	ney		Date			6/6/2012				
			S C Section 12	-			owingly and w	ullfully to n	nake to an	y department or agency of the Un	nted States any			

(Continued on page 3) (Form 3160-4, page 2)

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JUN 07 2012

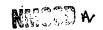
FORM APPROVED OMB No 1004-0137

Expires July 31, 2010

			BUKEAU U.	LEVIND	INITALINA	GEMIEN	Earm	inato	n Field	Office.	Explics July		
	WEL	LL COMF	PLETION OR	RECON	IPLETIC	N REPC	ort and Sureau	OT La	ind Mar	Office 5 Lease Serial No	SF-078	3358	
la Type of Well b Type of Completio		Oil Well New Well	X Gas We		Dry Deepen	Other Plug	r		Resvr,	6 If Indian, Allott		e	
o Type of Completio	٥	Other	L Work o	ч Ц	Бесреп	L. 1 110g /	Dack _	l Oili		7. Unit or CA Ag	reement Name	and No	New CA
2 Name of Operator							=	_		8 Lease Name and	l Well No		
3 Address					3a Phone N	No (mclude	area code			9 API Well No	<u>Huerfanito</u>	Unit	/9N
	ox 4289, Farr	nington, I	NM 87499		Ja i none i	,	326-970					34950	-00CZ
4. Location of Well (R.	eport location cle	arly and in c	accordance with F	ederal requ	rements)*					10 Field and Pool	or Exploratory BASIN MA	ANCOS	
At surface	UNIT P (SESE),	445' FSL 8	2 355' FEL							11 Sec, T, R, N			
										Survey or Ar		T3731 D	0.337
At top prod. Interva	al reported below		SAME AS ABO	VE						12 County or Par	Sec. 26,		3. State
At total depth	SAME AS	ABOVE								Sai	ı Juan	1	New Mexico
14. Date Spudded		15 D	ate T.D. Reached		_	Completed		2-GRS		17 Elevations (D		•	
	2012		3/19/2012			D&A		dy to P		Day Jan Dive Cat	GL-6,309'/	KB-6,32	<u></u>
18. Total Depth	MD TVD	6,8	04' 19. P	lug Back T		MD TVD	6,798'		Zu. Depth	Bridge Plug Set	MD TVD		
21. Type Electric & C	other Mechanical	Logs Run (S	Submit copy of each	ch)					22 Was	well cored?	X No	Yes	(Submit analysis)
										DST run?	X No	=	(Submit report)
GR/CCL/CBL 23 Casing and Liner I)1 (Dt -l								Dire	ctional Survey?	X No	Yes	(Submit copy)
23 Casing and Liner I Hole Size	Size/Grade	Wt (#/f	<u> </u>	D) Bo	ettom (MD)	1 ~	Cementer	•	of Sks &	1 -	Cement to	p*	Amount Pulled
12 1/4"	9 5/8" H-40	32.3	0		229'		Depth Type n/a		e of Cemen	t (BBL) 29 bbls	Surface		1 bbl
8 3/4"	7" J-55	20# / 23			3,982'		n/a		523	189 bbls	Surface	_	70 bbl
6 1/4"	4 1/2" L-80	11.6#	0		6,800'		n/a	ļ	230	83 bbls	2,910'		
	<u>-</u>		- 	-		+		├		-	<u>-</u>	\dashv	· <u>·</u>
											1		
24 Tubing Record	D 4 0 4 0 4	5 1 5	1 5 4 (4.65)			D 41 C+40	4D) D		2 (1. (2. (2.)	- 1 0:	T B 11 5 1 0	(E)	D. I. D. (1.00)
Size 2 3/8", 4.7#, L-80	Depth Set (M 6,623'	D) Pa	cker Depth (MD) n/a	S1	ze j	Depth Set (N	VID) P	аскег 1	Depth (MD)	Size	Depth Set (1	VID)	Packer Depth (MD)
25 Producing Interval					26		on Record				<u> </u>		
A)	Formation Basin Mancos		5,836	Bot 5,9	tom	Pe	erforated Ir 3 SPF	terval		Size	No Holes 51	ļ	Perf Status Open
B)	Basin Wancos		5,654'	5,7			3 SPF			.34" diam	51		Open
C)												Ţ	
D) 27 Acid, Fracture, Tr	Total Holes	Saucaza etc								<u>l </u>	102		
	epth Interval	squeeze, etc	·				A	mount	and Type o	f Material			
Lower M	ancos 5,836' - 5,9	72'			HCL Acid.	Frac w/ 29	9,484 gal 2	5# X-L	inked 70Q	N2 Foam w/ 55,01	5 # 20/40 Brad	y Sand	
Unner M	ancos 5,654' - 5,7	'88'	Total N2: 1,4		ICY, Acid	Frac w/ 37	714 gal 25	# X-I	inked 700	N2 Foam w/ 121,9	83# 20/40 & 30	830# 16	/30
			Brady Sand.				,, <u>, , , , , , , , , , , , , , , , , ,</u>						
28. Production - Inter Date First	val A Test Date	Hours	Test	Oil	Gas	Water	Oil Gravit		Gas	Production 1	Method		
Produced	Test Date	Tested	Production	BBL	MCF	BBL	Corr API		Gravity		vicatiou		
	İ	Í .	2017			<u> </u>					w	~	
5/9/12-GRS Choke	5/17/2012 Tbg Press.	Csg.	24 Hr.	Oil	16mcf/h Gas	Trace Water	Gas/Oıl		Well St	atus	FLO	OWING	·
Size	Flwg	Press.	Rate	BBL	MCF	BBL	Ratio				RCVD JUI	117	
4 /0.11	SI	SI	P. C. T. C. T.	_	201	10						·> -2-2-	-Na atim
1/2" 28a. Production - Inte	409psi erval B	582psi	<u> </u>	0	381mct/d	10 bwpd	l				SI		
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravit	-	Gas		Method	U "CV	ii.
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	'	DIST	. 3	
	ļ					1			}				
Choke	Tbg. Press	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil		Well St				
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			ACCEPTED	FOR REC	ORD	9
	31	}	BE STE]				'	WARE			
											A 40 (0.014)		

*(See instructions and spaces for additional data on page 2)

JUN 0 7 2012



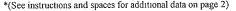
201 72 1								•						
28b Production Date First	Test Date		fours	Test	Oı1	Gas	Water	Oil Gravity	Gas	Production Method				
Produced .			ested	Production	BBL	MCF	BBL	Corr. API	Gravity	r roduction radialod				
Choke	Tbg Pres	s C	Csg	24 Нг	Oil	Gas	Water	Gas/Oil	Well Status					
Size	Flwg	F	ress	Rate	BBL	MCF	BBL	Ratio						
	SI			ETHEN WEST										
28c Productio	on - Interval l	D		1										
Date First	Test Date		Iours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method				
Produced	İ		rested	Production	BBL	MCF	BBL	Corr API	Gravity					
					<u> </u>									
Choke	Tbg Pres		Csg	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status		· · · · · · · · · · · · · · · · · · ·			
Size	Flwg. SI	I	ress	Rate	BBL	MCF	BBL	Ratio						
				LAPR D			i							
29. Dispositio	n of Gas <i>(So</i>	lid, used fo	or fuel, ve	ented, etc)										
TO BE SOLE)													
30. Summary		ones (Inclu	de Aquife	ers)					31. Format	ion (Log) Markers				
		_												
	_	_	-	ntents thereof I, time tool open				t,						
recoveries	opin miorvai	icsicu, cus	inon usec	i, time toor open	, nowing an	d shut-in pre	essures and							
									İ					
	1						·		<u> </u>		Ton			
Formati	ion	Тор		Bottom		Descrip	tions, Conte	nts, etc		Name	Тор			
						·	·····				Meas. Depth			
Ojo Ala		1396'		1501'			White, cr-gr ss			Ojo Alamo	1396'			
Kirltar	nd	1501'		1942'	·	Gry sh interbe	dded w/tight, s	gry, fine-gr ss.	1	Kirltand	1501'			
	Frutland 1942' 2179' Protured Cliffs 2179' 2288'			Dk gry-gry	carb sh, coal,	grn silts, light-	med gry, tight, fine g	gr ss	Fruitland	1942'				
							ry, fine grn, tig			Pictured Cliffs	2179'			
Lewis Huerfanito B	1	2288' 2650'	- 1	2650' 2706'			w/ siltstone st	-		Lewis Huerfanito Bentonite	2288' 2650'			
nuerianno B	sentointe	2030		2700	1	white,	waxy chalky be	entonite		nuerianno benionne	2050			
Chacr	ra	2706'		3763'	Gry fi	n grn silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra	2706'			
Mesa Vo	erde	3763'	İ	3832'		Light gry, me	ed-fine gr ss, c	arb sh & coal		Mesa Verde	3763'			
Menef	ee	3832'		4482'		Med-dark gr	y, fine gr ss, ca	arb sh & coal		Menefee	3832'			
Point Loc	okout	4482'	1	4937'	Med-light gr	y, very fine gr	ss w/ frequent formation	t sh breaks in lower p	part of	Point Lookout	4482'			
Mance		4937'		5634'		D	Park gry carb s	h		Mancos	4937'			
					Lt gry to b	rn calc carb m	icac gluac silts	& very fine gry gry	ss w/					
Gallu	•	5634'		6469'			reg interbed s			Gallup	5634'			
Greenh Graner	· I	6469' 6522'		6522' 6561'	ļ		alc gry sh w/ t fossil & carb			Dakota 6561'				
	1				Lt to dark gr			w/ pyrite incl thin sh	bands					
Dako		6561'		6804'	ļ ,,,		y Y shale brea							
Morris 32. Additiona		nclude plug	ging pro	cedure)	Interb	ed grn, brn &	red waxy sh &	fine to coard grn ss	<u> </u>	Morrison	<u> </u>			
				by placing a che	ck in the app	_			l parn.	□ D				
Electric	cal/Mechanic	ы Logs (I	ruii set r	eya)		☐ Geo	logic Report	<u> </u>	DST Report	Directional Sur	vey			
Sundry	Notice for p	olugging an	ıd cement	verification		Cor	e Analysis		Other [.]					
34 I hereby	certify that th	ne foregon	ig and att	ached information	on is comple	te and corre	ct as determ	ined from all avail	able records (see	attached instructions)*				
Nam	ne (please pri	mt) 🔨		DEN	ISE JOURI	NEY .		Title		REGULATORY TECHNICIA	N			
Sign	ature		Dor	wo C	ourn	W		Date		6/6/2012				
				S C Section 121 presentations as	-			owingly and willf	ully to make to ar	y department or agency of the Uni	ted States any			

(Continued on page 3) · (Form 3160-4, page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT JUN 07 2012

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

	WEL	L COMP	LETION O	RRECOM	PLETIC	N REPO	irmingi	յլ: <u>Թ</u>	Rd Offi	5. Lease Serial No	SF-078	3358	
1a Type of Well		Oil Well	X Gas W	/ell I	Ory	l 'Other				6 If Indian, Allotte		-	
b Type of Completic	⋍	New Well	Work		Deepen	Plug	Back	Diff	Resvr,		17839		-1
			ш	<u> </u>			<u> </u>	•		7. Unit or CA Agi	eement Name	and No.	\mathcal{J}
· · · · · · · · · · · · · · · · · · ·		Other									Huerfanit	to Unit	
2. Name of Operator			.	01100						8 Lease Name and			ON .
2 4 4 4	- Bu	rlington l	Resources	Oil & Gas		any No (include	awaa aada	1			luerfanito l	Unit #7	9N
3 Address PO B	ox 4289, Fari	mington, N	IM 87499	ا	a Phone		326-970			9. API Well No	30-045-3	34950-	ooci
4 Location of Well (F				h Federal requ	urements)					10 Field and Pool			
											BASIN DA		
At surface	UNIT P (SESE),	445' FSL &	355' FEL							11 Sec , T., R., N Survey or Ar	-		
										Survey of the		Γ27N, R9	W
At top prod Interv	al reported below	, S	SAME AS ABO	OVE						12 County or Par	ısh	13.	State
	~											- 1	
At total depth 14 Date Spudded	SAME AS		nte T.D. Reache	ed.	16 Date	e Completed	5/14/	12-GI	28	17 Elevations (D	Juan F RKB RT GI	<u>l</u>	New Mexico
•	2012	13 51	3/19/20			D&A	Read			Lievanons (B	GL-6,309'/	•	•
18. Total Depth:	MD	6,80	4' 19	Plug Back T I		MD	6,798'		20. Depth	Bridge Plug Set:	MD		
	TVD					TVD					TVD		
21 Type Electric &	Other Mechanical	Logs Run (Submit copy of	feach)					22 Was	well cored?	X No	Yes (Submit analysis)
									Was	DST run?	X No	Yes (Submit report)
GR/CCL/CBL									Dire	ctional Survey?	X No	Yes (Submit copy)
23. Casing and Liner	Record (Report a	ill strings set	m well)							T	_		
Hole Size	Size/Grade	Wt. (#/ft.) Top (1	MD) Bot	tom (MD)	_	Cementer Depth	1	o. of Sks & pe of Cemer	, ,	Cement to	p*	Amount Pulled
12 1/4"	9 5/8" H-40	32.3#	0		229'		n/a	171	103	29 bbls	Surface	:	1 bbl
8 3/4"	7" J-55	20# / 23	# 0		3,982'		n/a		523	189 bbls	Surface		70 bbl
6 1/4"	4 1/2" L-80	11.6#	0		6,800'		n/a		230	83 bbls	2,910'		
								-					
		<u> </u>				-		 					
24. Tubing Record												I	
Size	Depth Set (M	D) Pac	ker Depth (MI	O) Siz	æ	Depth Set (N	MD) P	acker I	Depth (MD)	Size	Depth Set (I	VID)	Packer Depth (MD)
2 3/8", 4.7#, L-80 25 Producing Interva	6,623'	<u> </u>	n/a		26	S Perforati	ion Record				1		
	Formation		Тор	Bott			erforated Ir	terval		Size	No Holes	I	Perf Status
A) Basin Dakota			6,567'	6,66	58'		1 SPF			.34" diam	18		Open
B)			6,706'	6,77	79'	2 SPF				.34" diam	30		Open
C) D) Total Holes			 		-					 	48		
27. Acid, Fracture, T	reatment, Cemen	t Squeeze, etc	· · · · · · · · · · · · · · · · · · ·							<u> </u>		<u></u>	
	epth Interval						A	mount	and Type o	f Material			
Basin Da	ıkota 6,567' -6,7'	79'		10 bbls 15% H 4,685,700 scf.	ICL Acid.	Frac w/30),660 gal 85	SQ N2	Slickfoam	w/ 25,074# 20/40 E	Brady Sand.		
			Total N2: 4	4,085,700 801.						*****			
		_											-
28 Production - Inte		1		lo.		Tree .	Tota .		- Ia	ln i i			
Date First Produced	Test Date	1 1	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravit	-	Gas Gravity	Production	Method RCVD JU	N 10 *	17
Troduccu		Tested	roduction	DDD	MOI	I SSE			Chang			. شهشد ا	i.al
5/14/2012-GRS	5/17/2012	1		0	37mcf/h	1 bwph					FLO	OWING	
Choke	Tbg Press	1 -	24 Hr	Oil	Gas	Water	Gas/Oil		Well St	atus	OIL COM	IS DI	10
Size	Flwg SI	Press SI	Rate	BBL	MCF	BBL	Ratio						₹.
1/2"	409psi	582psi	PROPERTY.	0	880mcf/d	24 bwpd					DIS SI		
28a Production - In													
Date First	Test Date	1 1	Test	1	Gas	Water	Oil Gravit	-	Gas	Production :	Method		
Produced	1	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity				
										ACCE	pted for	REC	ORD
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oıl		Well St	•	_		
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio				JUN 0 7	2012	
	SI	[
*(See instructions an	d spaces for addu	tional data on	nage 2)		<u> </u>	1	1			FARM	NGTON FIL		TICE





301 P-1-4	Translation and A						•					
28b Production	Test Date		Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced •		Tested	Production	BBL	MCF	BBL	Corr API	Gravity				
Choke Size	Tbg Pres Flwg SI	s. Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
28c Producti	on - Interval	_ D			1							
Date First Produced	Test Date			Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method			
Choke Size	Tbg Pres	Ss. Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	.1.			
29 Disposition	on of Gas (So	lid, used for fue										
•	,											
30. Summary		ones (Include A	guifers)				-	31 Formati	on (Log) Markers			
	depth interval		d contents thereof: used, time tool ope				st,					
Format	tion	Тор	Bottom		Descrip	itions, Conte	ents, etc.		Name	Тор		
										Meas. Depth		
Ojo Ala Kirlta		1396' 1501'	1501' 1942'			White, cr-gr sedded w/tight,			Ojo Alamo 1396' Kırltand 1501'			
Fruitla		1942'	2179']	-				Fruitland			
Pictured		2179'	2288'	Dk gry-gry		gm suts, ugnt Gry, fine grn, tı	-med gry, tight, fine ght ss	gr ss	Pictured Cliffs	1942' 2179'		
Lew		2288'	2650'			w/ siltstone si	_		Lewis	2288'		
Huerfanito I	Bentonite	2650'	2706'		White,	waxy chalky b	entonite		Huerfanito Bentonite	2650'		
Chac	cra	2706'	3763'	Gry	fn grn silty, gla	auconitic sd sto	one w/ drk gry shale		Chacra	2706'		
Mesa V	/erde	3763'	3832'		Light gry, m	ed-fine gr ss, o	earb sh & coal		Mesa Verde	3763'		
Mene	efee	3832'	44821	1	Med-dark g	ry, fine gr ss, c	arb sh & coal		Menefee	3832'		
Point Lo	ookout	4482'	4937'	Med-light g	ry, very fine g	r ss w/ frequer formation	nt sh breaks in lower	part of	Point Lookout	4482'		
Mano		4937'	5634'		I	Dark gry carb s	sh		Mancos	4937'		
C-II-		5634'	64601	Lt gry to b		-	s & very fine gry gry	ss w/	Caller	56241		
Gallı Greenl	- 1	6469'	6469' 6522'	•		rreg interbed : calc gry sh w/ :			Gallup Greenhorn	5634' 6469'		
Grane	1	6522'	6561'	1	Dk gry shale	, fossil & carb	w/ pyrite incl		Graneros 6522¹ Dakota 6561¹			
Dako	ota	6561'	6804'	Lt to dark g		calc sl sitty ss ly Y shale brea	w/ pyrite incl thin shaks	n bands				
Morri		iclude plugging		Interl	oed grn, brn &	red waxy sh &	& fine to coard grn s	s	Morrison	0		
33. Indicate	which items I	have been attacl	ned by placing a ch	eck in the ap	propriate bo	xes.						
Electri	ical/Mechanic	cal Logs (1 full	set req'd)		Geo	ologic Repor	t	DST Report	Directional S	Survey		
Sundry	y Notice for p	lugging and cer	nent verification		Cor	e Analysis		Other:				
34 I hereby	certify that th	ne foregoing and	l attached informati	on is comple	ete and corre	ect as determ	ined from all avai	lable records (see	attached instructions)*			
Nan	ne <i>(please pri</i>	mt)	DEI	NISE JOUR	NEY		Title		REGULATORY TECHNIC	IAN		
	nature	E	unise <	Jou	rnou				6/6/2012			
T-41- 10 11 C	C C	101 and Tul- 42	HCC Coodi 12	12 males et) orms c'	nu norze 1.	annaly andtt	fully to males to	y department or occurrence of the T	Instad States and		
			USC Section 12 r representations as				lowingly and will	tuny to make to an	y department or agency of the U	nined States any		

(Continued on page 3) (Form 3160-4, page 2)