

RECEIVED

RCVD JUL 25'12 OIL CONS DIV. FORM APPROVED OME 104 0137

UNITED STATES DEPARTMENT OF THE INTERIOR JUL 19 2012 BUREAU OF LAND MANAGEMENT

Expires July 31, 2010

•	WEL	L COMP	LETION O	R RECOI	IPLETIC		aming au of La			Ctt.ease Serial No Men.	SF-080	0117
1a Type of Well		Oıl Well	X Gas W	ell	Dry	Othe		allu ivi		If Indian, Allotte		
b Type of Completion	H	New Well	Work		Deepen	<u></u>		Diff Res		ii maan, i mott		
o Type of completion	اسا	Other			-		LJ		7	Unit or CA Agi	reement Name Huerfanit	
2 Name of Operator		_							8	Lease Name and	d Well No	
	Burl	ington R	esources (Oil & Gas							Huerfanito	Unit 99E
3 Address PO Bo	x 4289, Farm	ington, NI	M 87499				area code) 326-9700		9	API Well No	30-045-3	35257
4 Location of Well (Repo	ort location cleari	ly and m acc	ordance with F	ederal requii	ements)*				1	0 Field and Pool		
At surface	UNIT F (SENW) 1700' ENI	& 1395' FWI	ſ.					-	11 Sec, T, R, N	Basin Da	
At stillage	OMIT (SEN	<i>)</i> , 1700 1111	7 CC 1375 X 111	_					1	Survey or Are		•
									L			Γ27N, R9W
At top prod Interval r	eported below	9	Same As Abov	e						County or Par	rish	13. State
At total depth	Same As A	hove								San	1 Juan	New Mexico
14 Date Spudded	Same As 1		ate T D. Reach	ed	16 Date	e Complete	d 6/25/	12- GRS		17 Elevations (D		
3/15/2012		3/28/2	012			D&A		ly to Prod		`	GL-6,393' / I	
18. Total Depth:	MD TVD	6,81	4' 19	Plug Back T	D	MD TVD	6,785'	20	Depth B	ndge Plug Set. n/a	MD TVD	
21. Type Electric & Oth		gs Run (Sub	mit copy of eac	h)				22.	. Was w	ell cored?	X No	Yes (Submit analysis)
31		`		•				İ	Was I	OST run?	X No	Yes (Submit report)
GR/CC/CBL										ional Survey?	X No	Yes (Submit copy)
23. Casing and Liner Rec	cord (Report all st	rings set in v	vell)					'				
Hole Size	Size/Grade	Wt (#/ft) Top (N	(D) B	ottom (MD)	Stage	Cementer		f Sks &	Slurry Vol	Cement to	p* Amount Pulled
		·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Depth		of Cement	(BBL)		
12 1/4" 8 3/4"	9 5/8", H-40 7", J-55	32,3# 20# / 23	# 0		4,034'		N/A N/A		76 530	22 bbls 191 BBLS	Surface Surface	
6 1/4"	4 1/2", L-80	11.6#	0		6,806'		N/A		227	82 bbls	3,330'	00 0015
		-										
24 Tubing Record	L	l			.	<u> </u>		L		<u></u>	<u> </u>	<u> </u>
Size	Depth Set (M	D) Pac	ker Depth (MI) S	ıze	Depth Set (1	MD) Pa	icker Dep	th (MD)	Size	Depth Set (N	MD) Packer Depth (MD)
2 3/8", 4.7#, J-55	6,704'		n/a									
25 Producing Intervals					26		ion Record		<u> </u>			5.66
	ormation Basin Dakota		Top 6,608'		760'	P	erforated Int 2 SPF	terval		Size	No Holes	Perf Status Open
B)	Dusin Dungta				-		2 311			.54		Орен
<u>C)</u>												
D)	6: 16:-		<u> </u>									
27 Acid, Fracture, Treat	ment, Cement Squ pth Interval	ieeze, etc	1				Ār	nount and	1 Type of 1	Material		
	08' - 6,760'		Acidize w/	0 bbls 15%	HCL Acid.	Frac w/ 4				w/ 40,528# 20/40	AZ Sand.	
			Total N2: 2	,190,000scf.								
28 Production - Interval	Α			_								
Date First	Test Date	Hours	Test	Oıl	Gas	Water	Oil Gravity	,	Gas	Production N	Method	
Produced	1	Tested	Production	BBL	MCF	BBL	Corr API		Gravity	1		
6/25/12 - GRS	6/30/2012	1		0	20mcf/h	Trace					FLC	OWING
Choke	Tbg Press		24 Hr	Oıl	Gas	Water	Gas/Oıl		Well Stat	us		
Size	Flwg.	1	Rate	BBL	MCF	BBL	Ratio					
1/2"	SI 578	SI 515	11 12 12 12 12 12 12 12 12 12 12 12 12 1	0	475mcf/d	4bwpd					SI	
28a Production - Interva									<u> </u>			
Date First	Test Date	1 1	Test	Oil	Gas	Water	Oil Gravity	ý	Gas	Production N	Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API		Gravity			
			BIRTON DE									
Choke	Tbg Press	Csg.	24 Hr	Oil	Gas	Water	Gas/Oıl		Well Stat			
Size	Flwg	1 ~ 1	Rate	BBL	MCF	BBL	Ratio					M RECORD
	SI					1				ATT	y ice fu	IN A A LOWENCE AND REPORT
*(See instructions and sp	aces for additiona	l data on pae			<u></u>	<u> </u>			J		1111 3 3	3043

NMOCD &



201 2									· · · · · · · · · · · · · · · · · · ·			
28b Production Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	Test Date	Teste	l l	BBL	MCF	BBL	Corr API	Gravity	Production Method			
		İ	THE STATE OF THE S									
	ļ											
Choke	Tbg. Press Flwg	Csg.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oɪl Ratıo	Well Status				
Size	SI	Press.		BBL	MCF	BBL	Rano					
	,						İ					
28c. Production	ı - Interval E)				······				· · · · · · · · · · · · · · · · · · ·		
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced		Teste	d Production	BBL	MCF	BBL	Corr API	Gravity				
	Ì											
Choke	oke Tbg Press Csg 24 Hr			Oil	Gas	Water	Gas/Oıl	Well Status				
Size					MCF	BBL	Ratio	Wen Status				
	SI			BBL								
	<u> </u>											
29. Disposition	of Gas (Sol	id, used for fu	el, vented, etc)									
TO BE SOLD												
30 Summary o	of Porous Zo	nes (Include A	aufers)		······································			31 Format	ion (Log) Markers			
Jo Bullinary C	11 01003 20	nes (merade : i	quitors)					J. Tollina	ion (bog) Markors			
Show all imp	ortant zones	s of porosity ar	nd contents thereof	Cored inter	vals and all	drill-stem tes	st,					
ıncluding dep	pth interval t	ested, cushion	used, time tool oper	n, flowing ar	nd shut-ın pr	essures and						
recoveries												
				1	-	•				Тор		
Formatic	on	Тор	Bottom		Descrip	tions, Conte	ents, etc	Į.	Name			
						· · · · · · · · · · · · · · · · · · ·	,	ı	Meas 1			
Ojo Alan	no	1403'	1537'			White, cr-gr ss	s		Ojo Alamo	1403'		
Kultano	d l	1537'	2048'		Gry sh interbe	edded w/tight,	gry, fine-gr ss		Kırltand	1537'		
Frutlan	,	2048'	22271	, n		. 10. 1. 1.	1		7. 14. 1			
			2227'	Dk gry-gry			-med gry, tight, fine gi	ss	Fruitland	2048'		
Pictured C		2227'	2418'			ry, fine grn, tig	-		Pictured Cliffs	2227'		
Lewis		2418'	2663'			w/ siltstone st	-	1	Lewis	2418'		
Huerfamto Be	entonite	2663'	3106'		White,	waxy chalky b	entonite		Huerfanito Bentonite	2663'		
Chacra	,	3106'	3607'	Gry f	n ern silty, ela	auconitic sd sto	one w/ drk gry shale		Chacra	3106'		
Mesa Vei		3607'	3861'	0.,.		ed-fine gr ss, c			Mesa Verde	3607'		
Menefe		3861'	4521'			-			Menefee	3861'		
Mellele		3001	4321	Mad bake as	_	ry, fine gr ss, c		6	iviciiciee	3001		
Point Look	kout	4521'	5025'	Med-light gi	y, very fine gi	r ss w/ rrequen formation	t sh breaks in lower pa	irt or	Point Lookout	4521'		
Mancos	i	50251	5682'		Σ	Dark gry carb s	;h		Mancos	5025'		
				Lt gry to b			s & very fine gry gry s.	s w/				
Gallup	,	5682'	6518'	1	11	rreg interbed s	sh		Gallup	5682'		
Greenho	m	6518'	6569'		Highly o	calc gry sh w/ t	thın Imst		Greenhorn 6518'			
Granero	os	6569'	6606'	l		, fossil & carb			Graneros	6569'		
Dakota	,]	6606'	6814'	Lt to dark g		calc sl sitty ss ly Y shale brea	w/ pyrite incl thin sh b	ands	Dakota	6606'		
Моггіѕо		0000	0014	Interb		-	& fine to coard grn ss		Morrison	0		
32 Additional	remarks (inc	clude plugging	procedure)									
THIS IS A MY	W/MC/DV 1	PDIMIN'CI P	PER DHC ORDE	D # 4108								
THIS IS A WI	V/NIC/DK I	IKIMINGLE	TER DIIC ORDE	K # 4470								
22 1 1	1 -1 4 1	1	11 1	.11								
33 Indicate W	nich items n	ave been attaci	hed by placing a che	ck in the app	ргорпате во	xes						
☐ Electrica	il/Mechanica	al Logs (1 full :	set rea'd)		☐ Geo	ologic Report	,	DST Report	Directional Sui	vev		
		11 12060 (1 1am)	occrequ')			nogio repon	. Ц	DOT RESPORT	Brechonal our	10)		
Sundry 1	Notice for pla	ugging and cer	nent verification		Cor	e Analysis		Other:				
34 I hereby ce	ertify that the	e foregoing and	d attached information	n is comple	te and corre	ct as determ	med from all availa	ble records (see	attached instructions)*			
Momo	(please pour	111	r,	enico Io	N/		Tulo		Damilaton, Tashinas			
Name (please print) Denise Journey						Title		Regulatory Technician				
Signat	ture	47	enusc	ourne	U		Date	e 7/16/2012				
Tulo 10 II C C	Santian 100	11 and Table 43	IICC Castian 121	2 males et -	oring for	ny naraon I	ounnaly and salte.	llu to make to	y department or agency of the Uni	tad States on:		
			r representations as	-			iowingiy and Wilflu	ny to maké to an	y department of agency of the Uni	neu States any		
.a.oo, nonnodo	or manadiff.	maremonts U	c representations as i	wiy matte		,						

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

RECEIVED

JUL 19 2012

RCVD JUL 25'12 OIL CONS. DIV. FORM APPROVED OMEDISTION 137

Expires July 31, 2010

SF-080117

UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office Serial No
WELL COMPLETION OR RECOMPLETION REDREST OF Land Management.

la Type of Well	T	Oil Well	X Gas Well	T	Dry	Othe			6	If Indian, Allott	oo or Trubo Mon		
			=	=	•	<u> </u>		1		11 Illidian, Allon	ee or ribe wan	le	
b. Type of Completion		New Well	☐ Work Ove	er 📙	Deepen	Plug	;Back	Diff Res		11			
		Other								Unit or CA Ag			
		Other									Huerfani	t Unit	
2 Name of Operator					_				18.	8. Lease Name and Well No			
	Burl	ington Re	sources Oil								<u>Huerfanito</u>	Unit 99E	
3 Address	1000 73		. 0 . 100	İ	3a. Phone	,	le area code	,	9	API Well No	20.045	3-2-5	
	x 4289, Farm				1.5	(505)	326-970	0			30-045	35257	
4 Location of Well (Rep	or t location cleai.	ly and in accor	dance with Fede	ral requir	ements)*				10	Field and Pool			
									<u> </u>		BLANCO ME	· · · · · · · · · · · · · · · · · · ·	
At surface	UNIT F (SENW), 1700' FNL	& 1395' FWL						1	1. Sec , T , R , N		l	
										Survey or Ar		ramai moni	
4 1 1									<u> </u>	2 County or Par		<u>r27N, R9W</u>	
At top prod Interval i	reported below	Sa	me As Above						- '	2 County or Par	nsn	13. State	
A 4 4 4 4 1 d 4 1 -	C 4 - 4	. b. a.u.a							1	C.	ı Juan	New Mexico	
At total depth 14 Date Spudded	Same As A		e T D Reached		16 Dot	e Complete	d 6/23	/12 - GRS		7. Elevations (D			
3/15/2012		3/28/20			10. Dat	D&A		dy to Prod	'	7. Elevations (D	GL - 6,393' /	•	
				~								- 0,400	
18. Total Depth.	MD	6,814	' 19 Plu	g Back T	D.	MD	6,785'	20	Depth Br	idge Plug Set	MD		
	TVD					TVD				N/A	TVD		
21 Type Electric & Otl	ier Mechanical Lo	gs Run (Subm	it copy of each)					22.	Was we	ell cored?	X No	Yes (Submit analysis)	
									Was D	ST run?	X No	Yes (Submit report)	
GR/CCL/CBL									Directi	onal Survey?	X No	Yes (Submit copy)	
23. Casing and Liner Re	cord (Report all s	rings set in we	-11)					· · · · · · · · · · · · · · · · · · ·					
	T	I	1	1		Stage	Cementer	No of	Sks &	Slurry Vol			
Hole Size	Size/Grade	Wt (#/ft)	Top (MD)) Bo	ttom (MD)	_	Depth	Type of		(BBL)	Cement to	p* Amount Pulled	
12 1/4"	9 5/8", H-40	32.3#	0		230'		N/A		6	22 bbls	Surface	5 bbls	
8 3/4"	7", J-55	20# / 23#	0		4,034'		N/A	53		191 bbls	Surface		
6 1/4"	4 1/2, L-80	11.6#	0	***	6,806'		N/A	22		82 bbls	3,330'		
						<u> </u>							
			<u> </u>	-		<u> </u>		1			<u> </u>		
	l			- 1		1							
24 Tubing Record		lu		r				•		•			
Size	Depth Set (M	D) Pack	er Depth (MD)	Sı	ze :	Depth Set (MD) Pa	acker Deptl	h (MD)	Size	Depth Set (N	MD) Packer Depth (MD)	
2 3/8", 4.7#, J-55	6,704'		n/a										
25 Producing Intervals					26	Perfora	ion Record						
F	ormation		Тор	Bot	tom	F	erforated In	iterval		Size	No. Holes	Perf Status	
	Point Lookout		4,522'	4,6	72'		1 SPF			.34" diam	25	Ореп	
B)				<u> </u>									
C)													
D)													
27 Acid, Fracture, Trea		uceze, etc											
	pth Interval							mount and					
4,5	22' - 4,672'				HCL Acid.	Frac w/ 3	4,608 gal 70	OQ N2 Slic	kwater w	/ 105,848# 20/40	AZ Sand.		
	 		Total N2: 1,34	3,000sci.								· · · · ·	
28 Production - Interval	Α		<u> </u>										
Date First	Test Date	Hours To	est C)ıl	Gas	Water	Oil Gravit	v (Gas	Production N	Aethod		
Produced	Test Date	I I			MCF	BBL	Corr API		Gravity	1 Todaction 1	victiou		
Troduced		1 1				1555	leon mi	[`	Jiavity		EL.C	OWING	
6/23/12 - GRS	6/30/2012	1	DECEMBER 1	0	12mcf/h	Trace				l l		717213	
Choke	Tbg Press		Hr C)ıl	Gas	Water	Gas/Oıl	7	Well State	IS			
Size	Flwg	1 ~ 1		BL	MCF	BBL	Ratio						
	SI	er	_										
1/2"	578	515		0	289mcf/d	3bwpd					SI		
28a Production - Interv		·											
Date First	Test Date	Hours T	est C)ıl	Gas	Water	Oil Gravit	у (Gas	Production N	Method		
Produced			roduction B	BL	MCF	BBL	Corr. API	- 1	Gravity				
			CERCEIO										
	1						<u> </u>						
Choke	Tbg. Press.	Csg 2	4 Hr C	Dil	Gas	Water	Gas/Oil	7	Well Staty	KGSEPTE	UMM	evorio	
Size	Flwg	Press. R	ate B	BL	MCF	BBL	Ratio		`				
	SI]]]]	2 3 2012	1	
	1	1 1			l	1	1	1		J W 12.	F 7 (0)	•	

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

FARMINGTON FIELD OFFICE



20h Brodustion	Interval C								···	
28b. Production - Interval C Date First Test Date He		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Test Buto	Tested	Production	BBL	MCF	BBL	Corr API	Gravity	Troduction Method	
Chaba	The Door			0.1	- C	11/	C/O-1	W-11 Ct-4		
Choke Size	Tbg Press. Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
0.20	SI	1.000					1			
	<u> </u>						.			
28c Production Date First	Test Date	Hours	Test	Oıl	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Test Date	Tested	Production	BBL	MCF	BBL	Cort API	Gravity	1 Toddetfoll Method	
		l	THE TAXABLE PARTY.							
<u> </u>	TI D						0. /01	117, 11 6		
Choke Size	Tbg. Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status		
0.20	SI	1.1000			101	1555	7.2			
	<u> </u>		•							
29 Disposition	of Gas (Solid, u	ised for fuel, i	rented, etc)							
TO BE SOLD										
30 Summary o	f Porous Zones ((Include Aqui	fers)·					31 Formati	on (Log) Markers	
Sharr all man			ontents thereof.	C14		d_11 4aa				
•			ed, time tool oper				st,			
recovenes		- ,	,	,						
		· 1		· · · · · · ·						Тор
Formatio	n :	Гор	Bottom		Descrip	tions, Conte	nts, etc		Name	Meas. Depth
Ojo Alan Kirltano		403' 537'	1537'			White, cr-gr ss		1	Ojo Alamo	1403'
			2048'	'	Gry sn interbe	aaea w/tignt,	gry, fine-gr ss		Kırltand	1537'
Fruitland		048'	2227'	Dk gry-gry			-med gry, tight, fine	gr ss	Fruitland	2048'
Pictured C		227'	2418'			ry, fine gm, tig			Pictured Cliffs	2227'
Lewis 2418' Huerfanito Bentonite 2663'		1	2663' 3106'			w/ siltstone st waxy chalky b	=	- 1	Lewis Huerfanito Bentonite	2418'
Tuerramo De	antonne 2	.003	3100		wnite,	waxy chaiky b	entonite	1	rueriainio Bentonne	2663'
Chacra	3	106'	3607'	Gry f	n grn silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra	3106'
Mesa Ver	rde 3	607'	3861'		Light gry, me	ed-fine gr ss, c	arb sh & coal		Mesa Verde	3607'
Menefe	e 3	861'	4521'		Med-dark gr	y, fine gr ss, c	arb sh & coal		Menefee	3861'
Point Look			50351	Med-light gr	ry, very fine gr		t sh breaks in lower	part of	D. 41. 1. 4	45011
Mancos		521' 6025'	5025' 5682'	1	г.	formation ark gry carb s	h		Point Lookout Mancos	4521' 5025'
	ĺ	.023	3002	Lt gry to b			s & very fine gry gry	ss w/	Mancos	3023
Gallup	5	682'	6518'			reg interbed s			Gallup	5682'
Greenho		518'	6569'			alc gry sh w/ t		i	Greenhorn	6518'
Granero	s 6	569'	6606'	Lt to dark or		fossil & carb	w/ pyrite incl w/ pyrite incl thin sl	h hands	Graneros	6569'
Dakota	. 6	606'	6814'	St. to can g		y Y shale brea		ii ounus	Dakota	6606'
Morriso		<u>,</u> L		Interb	ed grn, brn &	red waxy sh &	tine to coard grn s	s	Morrison	0
32 Additional	remarks (include	e plugging pro	ocedure)							
THIS IS A MY	V/MC/DK TRI	MINGLE PE	R DHC ORDE	R # 4498.						
33. Indicate w	hich items have l	been attached	by placing a che	ck in the app	propriate box	xes:				
Electrica	l/Mechanical Lo	gs (1 full set	req'd.)		Geo	logic Report	: [DST Report	Directional S	urvey
Sundry 1	Notice for pluggs	ng and cemen	t verification		Core	e Analysis		Other		
34. I hereby ce	ertify that the for	egoing and at	tached information	on is comple	te and corre	ct as determ	ined from all avar	lable records (see a	attached instructions)*	
Name	(please print)	\	D	enise Journe	:y		Title		Regulatory Technician	
a.		A	nin) own	1011		D-4		7/1/2/10	
Signat	ure		mu (<i>j ij W</i> CI	ney.		Date _		7/16/2012	
Title 18 II S.C.	Section 1001 at	nd Tule 43 U	S.C. Section 121	2 make it a	crime for an	ny nerson kn	ownely and will	fully to make to any	v department or agency of the U	Imted States any

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

(Continued on page 3)

(Form 3160-4, page 2)

Form 3160-4 (August 2007)

RCVD JUL 25'12 OMB No. 1004-0137 Expires 1005-1, 2010

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENTIII 1 0 2012

WELL COMPL	ETION OR RE	COMPLETIC		Lease Serial No
			Farmington Field Office	SF-080117
Oıl Well	X Gas Well	Dry	Bureau of Land Manageme	If Indian, Allottee or Tribe Name
New Well	Work Over	Deepen	Plug Back Diff Resvr,	

					******	<u>ra</u>	<u> mindloi</u>	n Field Off	lCt	31-00	0117	
la Type of Well		Oil Well	X Gas We	=	Dry				hef Indian, Allot	ee or Tribe Nan	ne	
b Type of Completion	L	New Well	☐ Work O	ver	Deepen	Plug	Back	Diff Resvr,	7. Unit or CA Ag	reement Name	and No	
		Other			<u></u>					Huerfani	to Unit	
2 Name of Operator	Rurl	lington Re	esources O	il & Gas	Compa	nv			8 Lease Name an	d Well No. Huerfanito	Hnit 9	9E
3 Address	Duit	ington Ke	esources O	ii o Gas			e area code))	9 API Well No	nuenanno	Ollit 3	36
	x 4289, Farm					(505)	326-9700	0	10 5:11 15	30-045-	35257	
4 Location of Well (Rep.	ori location clear	ly and in acco	ordance with Fed	terat requii	rements)*				10. Field and Poo	or Exploratory BASIN M	ANCOS	
At surface	UNIT F (SENW), 1700' FNL	& 1395' FWL						11 Sec, T, R, 1	M, on Block and		
									Survey or A	ea Sec. 35, '	T27N R	9.W
At top prod Interval r	eported below	s	ame As Above						12 County or Pa			3 State
At total donth	C A- A	\ h a							S	- Ivon		Now Morion
At total depth 14. Date Spudded	Same As A		te T.D. Reached	Į.	16 Dat	e Complete	d 6/23/	12 - GRS	17. Elevations (E	n Juan F, RKB, RT, G	 L)*	New Mexico
3/15/2012		3/28/20	112			D&A	Read	ly to Prod	1	GL-6,393'/	KB-6,40	8'
18. Total Depth	MD TVD	6,70	4' 19 F	lug Back T	.D.	MD TVD	6,785'	20 Dept	n Bridge Plug Set	MD TVD		
21 Type Electric & Oth		gs Run (Subr	nit copy of each	1		TVD		22 Was	well cored?	X No		(Submit analysis)
,,								Wa	s DST run?	X No	=	(Submit report)
GR/CCL/CBL								Dır	ectional Survey?	X No	Yes	(Submit copy)
23. Casing and Liner Rec	cord (Report all st	trings set in w	ell)			1 "2 ""						
Hole Size	Size/Grade	Wt (#/ft	Top (M.	D) B	ottom (MD)		Cementer Depth	No. of Sks of Type of Ceme	1 *	Cement to	p*	Amount Pulled
12 1/4"	9 5/8", 11-40	32.3#	0		230'		N/A	76	22 bbls	Surface		5 bbls
8 3/4"	7", J-55	20# / 23#	_		4,034'		N/A	530	191 bbls	Surface		60 bbls
6 1/4"	4 1/2", L-80	11.6#	0		6,806'		N/A	227	82 bbls	3,3301		
			_					· · · · · · · · · · · · · · · · · · ·				
24. Tubing Record	T - 12 - 12 - 12 - 12 - 12 - 12 - 12 - 1			, <u>.</u>						1		
Size 2 3/8", 4.7#, J-55	Depth Set (M 6,704'	D) Paci	cer Depth (MD)	- S	ıze	Depth Set (I	MD) Pa	cker Depth (MD	O) Size	Depth Set (MD)	Packer Depth (MD)
25 Producing Intervals	0,704				26	6 Perforat	ion Record					
	оппаtion		Тор		ttom	P	erforated Int	terval	Size	No Holes		Perf Status
	ower Mancos		5,950'		031'		3 SPF 3 SPF	-	.34" diam	45		Open
	Jpper Mancos Holes (Gallup)		5,772' 5,780'		390'		3 SPF	· · · · · · · · · · · · · · · · · · ·	.34" diam 48 Open .45" diam 9 open			
D)	Total Holes									102		·
27 Acid, Fracture, Treat		ueeze, etc.					A	1.77	63.6.41			
	oth Interval 50' - 6,031'		Frac w/ 12.72	6 gal x-line	ded 70% fo	am & 49.9		nount and Type	00# 20/40 & 33,183	# 16/30 A.Z. San	d.	
	72' - 5,890'								30 Arizona Sand.	7 10/30 7121 San	<u>. </u>	
5,78	80' - 6,000'		Included w/ I	rac's abov	'e							
28 Production - Interval	Α											
Date First	Test Date	Hours	est	Oıl	Gas	Water	Oil Gravity	Gas	Production I	Method		
Produced		Tested F	Production	BBL	MCF	BBL	Corr. API	Gravit	у			
6/23/12 - GRS	6/30/2012	1		0	27mcf/h	Trace				FLO	OWING	
Choke	Tbg. Press		.4 Hr.	Oil	Gas	Water	Gas/Oıl	Well S	tatus		,	
Size	Flwg	1 1	Rate	BBL	MCF	BBL	Ratio			0.		
1/2"	SI 578	SI 515	With William	0	591mcf/d	5bwpd				SI		
28a Production - Interva		1			- 55 Timet/U	_ compa	J					
Date First	Test Date		est	Oıl	Gas	Water	Oil Gravity		Production l	Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravit	y			
			- MERITALIA		1							
Choke	Tbg Press		.4 Нг.	Oıl	Gas	Water	Gas/Oıl	Well S	tatus	TERFOR	REC	OFD
Size	Flwg. SI	Press I	Rate	BBL	MCF	BBL	Ratio		HITE	. I FEED P. CAL.	n a suma A	
	ادر ا								i	UL 23	กเว	
*/C1	· · · · · · · · · · · · · · · · · · ·	1 1-1	2\		•						 	

NMOCD PV



	,												
28b Production Date First	n - Interval		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	Test Dat	C	Tested	Production	BBL	MCF	BBL	Corr API	Gravity	Trouledon Memod			
Choke	Tbg Pre	SS	Csg	24 Hr.	Oil	Gas	Water	Gas/Oıl	Well Status				
Size	Flwg		Press	Rate	BBL	MCF	BBL	Ratio					
	SI				İ								
28c Productio	on - Interval	D	<u> </u>										
Date First	Test Dat	le	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced			Tested	Production	BBL	MCF	BBL	Corr API	Gravity				
Choke	Tbg. Pre	SS	Csg	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status				
Size	Flwg		Press.	Rate	BBL	MCF	BBL	Ratio					
	SI			ASSAULT DE									
29 Disposition	n of Gas (S	olid, used	for fuel, v	rented, etc)		I							
,			,	, ,									
TO BE SOLD		Janaa (Ina	luda A aud	Comp.\					21 5	(I) N (I			
30. Summary	of Porous Z	ones (inc	aude Aqui	rers)					31. Format	on (Log) Markers			
Show all im	portant zon	es of por	osity and c	ontents thereof	Cored inter	vals and all	drill-stem tes	st.					
	•	-	-	d, time tool oper				,					
recoveries													
			-		Γ						Тор		
Formati	ion	Тор	.	Bottom		Descrip	tions, Conte	ents, etc.		Name	Meas. Depth		
					ļ			****					
Ojo Ala:		1403		1537'			White, cr-gr ss			Ojo Alamo 1403'			
Kirltan	na	1537	ļ	2048'		Gry sn interbe	dded w/tight,	gry, nne-gr ss	ļ	Kırltand 1537'			
	Fruitland 2048' 2227'				Dk gry-gry			-med gry, tight, fine	e gr ss	Fruitland	2048'		
	Pictured Cliffs 2227' 2418'					ry, fine grn, tış	_		Pictured Cliffs	2227'			
Lewis Huerfanito B		2418 2663	- 1	2663' 3106'			w/ siltstone st waxy chalky b	-		Lewis Huerfanito Bentonite	2418' 2663'		
nuchalilo b	cinonne	2003		3100		winte,	waxy charky o	emonite		Huerramio Bemonite	2003		
Chacr	ra	3106	5'	3607'	Gry f	în grn sılty, gla	suconitic sd sto	one w/ drk gry shale	e	Chacra	3106'		
Mesa Ve	erde	3607	"	3861'		Light gry, me	ed-fine gr ss, c	arb sh & coal		Mesa Verde	3607'		
Menefe	ee	3861	l'	4521'		Med-dark gr	y, fine gr ss, c	arb sh & coal		Menefee	3861'		
D4 I	.14	4521	,	50251	Med-light gr	ry, very fine gr		t sh breaks in lower	r part of	Don't Lock and	45311		
Point Loo Manco		4521 5025	- 1	5025' 5682'		г	formation Park gry carb s	h		Point Lookout Mancos	4521' 5025'		
William	33	5025		3002	Lt gry to b			s & very fine gry gr	y ss w/	Mancos	3023		
Gallu	р	5682	² '	6518'	"		reg interbed s		^	Gallup	5682'		
Greenho		6518		6569'			alc gry sh w/ t			Greenhorn	6518'		
Graner	os	6569	'	6606'	Lt to dark g		fossil & carb calc sl sitty ss	w/ pyrite incl w/ pyrite incl thin s	sh bands	Graneros 6569'			
Dakot	ia	6606	5'	6814'			y Y shale brea			Dakota	6606'		
Morriso 32 Additional					Interb	ed grn, brn &	red waxy sh &	fine to coard grn s	ss	Morrison	0		
THIS IS A M	V/MC/DK	TRIMIN	NGLE PE	R DHC ORDEI	₹ # 4498.								
33. Indicate w	vhich items	have beer	attached	by placing a chec	ck in the app	propriate box	ves						
Electric	al/Mechani	çal Logs ((1 full set r	eq'd)		Geo	logic Report		DST Report	Directional St	irvey		
Sundry	Notice for p	plugging a	and cement	t verification		Core	e Analysis		Other				
34 I hereby c	ertify that t	he forego	ing and att	ached informatio	n is comple	te and corre	ct as determi	ned from all ava	ılable records (see	attached instructions)*			
Name	e (please pr	int)		De	enise Journe	:y		Title _		Regulatory Technician			
Signa	ture		7) eniol	1 m	Date Date				7/16/2012			
	nui C		1-) XI (W)	V 11	NI III		. Date _		//10/2012			
				S C Section 121: presentations as t				owingly and will	Ifully to make to any	y department or agency of the Ur	nited States any		

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