Form 3160-4 (August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

		WELL C	OMPLETIO	N OR REC	OMPLETIC	ON REPO	RI AND	ri (	)5 2012	5 Lease Serial No	I-149-IND	-847	3	
la Type of Well		Oil Well	X Gas W		Dry	Other			1	6 If Indian, Allotte				
b Type of Completion	· X	New Well	Work (		Deepen	H plue P	ack min	Diff-R			Navajo Al	lotted		
	<u></u>		_		-	Bure	au of I	anc	শভাd Office I Manageme₁	7 Unit of CA Ag	reement Name		lo	
		Other	<del></del>						· manageme	0. I ann Nama an	Huerfanito	O Unit	<del></del> :	
2. Name of Operator		Burling	on Resour	s liO ear	Gas Comp	anv				8. Lease Name and Well No.  Huerfanito Unit 82N				
3 Address		During	ion resour		3a Phone No		code)			9 API Well No	Tidottalite	01111		
	O Box 4289, Farmi					(5	505) 326-9	700				5310	-dac I	
4 Location of Well (Re)	port location clearly and	ın accordance	with Federal req	uurements)*						10 Field and Pool	or Exploratory BASIN	DIZ	3	
At surface			UNIT	M (SW/SW).	200' FSL & 85	55' FWL				II Sec, T, R, N				
			*****	(5 5),							SURFACE: SE			
						*n .a . no.					<del></del>	—т	10 0	
At top prod Interval	reported below				SAN	ME AS ABOV	VE			12. County or Par	nsh	ļ	13 State	
At total depth				SAM	E AS ABOVE					Sar	ı Juan		New Mexico	
14 Date Spudded		15. Dat	e T D Reached		16 Date Co		<b>.</b>		الماهم	17 Elevations (D				
	/20/2012		7/14/201			D&A	6747'		d 9 18 m		6275' GL / 6	5290' 1	KB	
18 Total Depth	MD TVD	675	),  19	Plug Back T D		MD TVD	6/4/	2	0 Depth Bridge Plug Set		MD TVD			
21 Type Electric & O	ther Mechanical Logs Rur	1 (Submit conv	of each)	<del></del>				2	2 Was well cored?		X No	Ye	s (Submit analysis)	
.,	<b>5</b>		GR/CCL/CBL						Was DST run?		X No	===	s (Submit report)	
•								ļ	Directional Survey?		X No	Ye	s (Submit copy)	
23 Casing and Liner R	ecord (Report all strings :	set in well)				_,				_				
Hole Size	Size/Grade	Wt (#/ft	) Top (N	(D) B	ottom (MD)	-	Cementer		No of Sks & Type of Cement	Slurry Vol	Cement top	·*	Amount Pulled	
12 1/4"	9 5/8" / H-40	32.3#	<del></del> 0		230		epth n/a		76sx-Type I-II	(BBL)	Surface		6bbls	
8 3/4"	7" / <b>J</b> -55	20# / 23			3952'		n/a		522sx-Premuim Lite	188bbls	Surface	_	70bbls	
6 1/4"	4 1/2" / L-80	11.6#	0		6748'	1	n/a		222sx-Premuim Lite	80bbls	2710'		n/a	
	-					-								
				<u> </u>		<u> </u>								
24 Tubing Record														
Size 2 3/8", 4.7#, J-55	Depth Set (MD) 6542'	Pac	ker Depth (MD) n/a	Siz	re I	Depth Set (MI	D)	Pa	cker Depth (MD)	Size	Depth Set (N	4D)	Packer Depth (MD)	
25 Producing Intervals			11/4		26	Perforation Re	ecord					- 1		
	Formation		Тор	Bott			Perforate		/al	Size	No Holes		Perf Status	
A) B)	Dakota Dakota		6602'	658				PF PF		.34"	36 14		open	
C)	Total		6554	030	2		13	EF		.34	50		open	
D)														
27 Acid, Fracture, Tre	atment, Cement Squeeze,	etc							1 T					
	Depth Interval		Acidize w/ 1	Obbls of 15%	HCL, Frac'd v	v/ 132,468gals	s 700 N2 SI		nt and Type of Material n Pad w/ 40,271# of 20/4	10 Brown sand, Pu	ımped 101bbls o	of fluid	l. Total	
	6534' - 6702'		N2:2,198,00			,								
	0.001													
00 P 1						111		-						
28 Production - Interv Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production !	Method			
Produced	1 500 2 400	Tested	Production	BBL	MCF	BBL	Corr API		Gravity					
31/4	0// (2012			0.7	17/	1/1				RCV	D OCT 1:	1 '1	2	
N/A Choke	9/16/2012 Tbg Press	Csg.	24 Hr	0/boph Oil	17/mcf/h Gas	1/bwph Water	Gas/Oil		Well Status	l				
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio			,mag, ann R	and the same of	<u>ም</u> ኒህዩ፡	ā	
1/9/1	ST 525	GT 450 :	(BELLEVE)	0.7	110/6/4	20/2	] ,				_ Cons.		i a	
1/2" 28a. Production - Inter	SI-526psi val B	SI-450psi		0/bopd	410/mcf/d	20/bwpd	n/a	<u> </u>		S	HUT IN			
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	,	Gas	Production !	Method 5	3		
Produced		Tested	Production	BBL	MCF	BBL	Corr API		Gravity					
	}				[	1								
Choke	Tbg Press	Csg	24 Нг	Oil	Gas	Water	Gas/Oil		Well Status					
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio							
	SI	1	M 3.55	ì	1	i	1		1					

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

ACCEPTED FOR RECORD

OCT 0 9 2012

FARMINGTON HELD OFFICE BY TL Salyers

NMOCD P

SOD. PRODUCTION	n - Interval C	<del></del>								
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
oduced		Tested	Production	BBL	MCF	BBL	Сот АРІ	Gravity		
ioke	Tbg Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
ze	Flwg SI	Press.	Rate	BBL	MCF	BBL	Ratio			
	<u> </u>									·
Bc Production ate First		III	ITt	Ton	Gas	Water	Oil Gravity	Gas	Production Method	
oduced	Test Date	Hours Tested	Test Production	Oil BBL	MCF	BBL	Corr API	Gravity	Production Method	
			277							٠,
hoke	Tbg. Press.	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Status		
ze	Flwg.	Press	Rate	BBL	MCF	BBL	Ratio	1		
	SI	ŀ	20 H 20 H				1			
Disposition	of Gas (Solid,	used for fuel,	vented, etc )	<del></del>				<u> </u>		
•										
). Summary o	of Porous Zones	(Include Aqui	fers):					31. Formati	on (Log) Markers	
Charrell imp	nastant gangs of	novosity and a	antauta thanaafi	Cared inter	المامية واور	dull atom tac			•	
•			contents thereof ed, time tool ope				st,	1		
recoveries.	piii iiiici vai toste	u, cusmon use	a, time tool ope	i, nowing ai	ia sint-in pi	cssures and		1		
				1						Тор
Formation	on	Тор	Bottom		Descrip	tions, Conte	nts, etc		Meas. Depth	
O <sub>i</sub> o Alam	10	1313'	1412'			White, cr-gr ss		<del> </del>	Ojo Alamo	1313'
Kirltand	<b>I</b>	1412'	1940'			dded w/tight,			Kırltand	1412'
Frutland	Fruitland 1940' 2163'		2163'	Dk gry-gry	carb sh coal	ern silts, light-	-med gry, tight, fine gr ss.	1	Fruitland	1940'
	Pictured Cliffs 2163' 2313'			2 6, 6, 6,		ry, fine grn, tig			Pictured Cliffs	2163'
Lewis	Lewis 2313' 2628'		2628'		Shale	w/ siltstone st	ingers	1	Lewis	2313'
Huerfanito Be	entonite 2	2628'	2672'	White, waxy chalky bentonite		1	Huerfanito Bentonite	2628'		
Chacra	Chacra 2672' 3715		3715'	Gry f	n grn silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra	2672'
Mesa Ver	1 1		3804'			ed-fin <b>e</b> gr ss, c			Mesa Verde	3715'
Menefee	e   1	3804'	4450'	}	Med-dark gr	y, fine gr ss, c	arb sh & coal		Menefee	3804'
Point Look	kout	4450'	4864'	Med-light gr	y, very fine gr	ss w/ frequent	t sh breaks in lower part o	ન	Point Lookout	4450'
Mancos		4864'	5611'	1	n	Park gry carb s	h		Mancos	4864'
O. 11	}		< 4511	Lt. gry to b			& very fine gry gry ss w	· ]	G. II	
Gallup Greenhor		5611' 6451'	6451' 6495'			reg interbed s alc gry sh w/ t			Gallup Greenhorn	5611' 6451'
Granero		6495'	6533'	1		aic gry sirw/ t , fossil & carb			Graneros	6495'
Dakota	i			Lt to dark g	ry foss carb sl	calc sl sitty ss	w/ pyrite incl thin sh band	ls		
Morrison	- (	6533'		Interb		y Y shale brea red waxy sh &	KS I fine to coard grn ss	İ	Dakota Morrison	6533'
	remarks (includ	le plugging pro	ocedure).		<b></b>		- 8	·		
							Basin Dakota comm	-		
			The Gas Recov	very System	wasn't use	a on this we	ll because the pipelir	ie wasn't reac	ly to receive gas.	
3 Indicate wh	hich items have	been attached	by placing a che	ck in the app	propriate bo	xes.				
	hich items have			ck in the app	_	xes. logic Report	DS	T Report	Directional Sur	rvey
X Electrical		ogs (1 full set i	req'd.)	ck in the app	Geo		DS Ott	•	Directional Sur	rvey
X Electrical	l/Mechanical Lo	ogs (1 full set i	req'd.) t verification		Geo	logic Report	Oti	ner:	Directional Sun	rvey
X Electrical Sundry N  64. I hereby ce	l/Mechanical Lo	ogs (1 full set i	req'd.) t verification lached information		Geo	logic Report	Oti	ner:		rvey
X Electrical Sundry N 4. I hereby ce	Notice for plugger	ogs (1 full set i	req'd.) t verification lached information	on is comple	Geo	logic Report	ned from all available	ner:	attached instructions)*  Staff Regulatory Tech.	rvey

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

Form 3160-4 (August 2007)

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

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

		WELL C	OMPLETIO	N OR REC	OMPLETIC	ON REPO	RT AND LC	)G	<ol> <li>Lease Serial No</li> </ol>		
							OOT	0.0012		I-149-IND-8	3473
1a Type of Well		Oil Well	X Gas We	si I	Dry	Other	UUT	<del>05 2012</del>	6 If Indian, Allott	ee or Tribe Name	
b Type of Completion	ı. X	New Well	Work C		Deepen	Plug B	ack Dif	f Resvr,		Navajo Alloti	ted
						E:		n Field Office	7 Unit or CA Ag	reement Name an	
		Other				HUIG	<del>anninge</del>	nd Managemei	, , , , , , , , , , , , , , , , , , ,	Huerfamto U	nit
2 Name of Operator		Burling	ton Resour	es Oil &	Gas Comp		au Oi La	na managome		a Well No. Huerfanito Ur	nit 82N
3 Address	O Box 4289, Farmi	ngton, NM	87499		3a Phone No		code) 505) 326-970	0	9 API Well No	30-045-350	310 <b>- 86c 3</b>
	port location clearly and			un ements)*			,		10 Field and Pool	or Exploratory	
At surface			UNIT	M (SW/SW).	200' FSL & 85	5' FWL			11 Sec. T. R. N	M, on Block and Su	
,			01122	(0,,	200 10 <b>2 W</b> 00					SURFACE: SEC:	
At top prod Interva	l reported below				SAN	ME AS ABOV	VE		12 County or Par	ısh	13 State
At total depth				SAM	E AS ABOVE	•			San	Juan	New Mexico
14 Date Spudded		15 Da	te T D Reached		16 Date Co		F-1		17 Elevations (D	F, RKB, RT, GL)*	
	5/20/2012		7/14/201			D&A	Ready to	7 0 1 2 7 7 7 7 7	·	6275' GL / 629	'0' KB
18. Total Depth	MD TVD	675	0'   19 1	Plug Back T D		MD TVD	6747'	20 Depth Bridge Plug Se	et	MD TVD	
21 Type Electric & O	ther Mechanical Logs Run	(Submit copy	of each)	•				22 Was well cored?			Yes (Submit analysis)
		. •	GR/CCL/CBL					Was DST run?		X No	Yes (Submit report)
								Directional Survey	7	X No	Yes (Submit copy)
23 Casing and Liner R	ecord (Report all strings s	et in well)				1				<del></del>	
Hole Size	Size/Grade	Wt (#/ft	) Top (M	(D) B	ottom (MD)	-	Cementer epth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0		230		1/a	76sx-Type I-II	22bbls	Surface	6bbls
8 3/4"	7" / J-55	20# / 23	# 0		3952'	n	1/a	522sx-Premuim Lite	188bbls	Surface	70bbls
6 1/4"	4 1/2" / L-80	11.6#	0		6748'	Г	ı/a	222sx-Premuim Lite	80bbls	2710'	n/a
	<u> </u>	<u>_</u>		_							
	<u> </u>					+				<del>-</del>	
24 Tubing Record	<del></del>							· · · · · · · · · · · · · · · · · · ·			
Size	Depth Set (MD)	Pac	ker Depth (MD)	Siz	e I	Depth Set (ME	0)	Packer Depth (MD)	Size	Depth Set (MD)	) Packer Depth (MD)
2 3/8", 4.7#, J-55	6542'	<u>i</u>	n/a								
25 Producing Intervals	Formation		Тор	Bott		Perforation Re	Perforated Ir	nterval	Size	No Holes	Perf Status
A)	Point Lookout / LMF		4452'	458			1SPF		.34"	25	open
B)	Menefee		3928'	440	6'		1SPF		.34"	25	open
C)	Total									50	
D)									<u> </u>		
27 Acid, Fracture, Tre	eatment, Cement Squeeze, Depth Interval	etc					An	nount and Type of Material			
	Deptit finervar		Acidize w/ 10	bbls of 15%	HCL. Frac'd w	v/ 121,450gals		m w/ 100,095# of 20/40 Bro	wn sand. Pumped	69bbls of fluid. Tot	tal N2;1,194,400SCF.
	4452' - 4582'						-	·	•		•
			Acidize w/ 10	bbls of 15%	HCL. Frac'd w	v/ 123,326gals	s 70Q Slick foar	m w/ 69,185# of 20/40 Brow	n sand. Pumped 7	Obbls of fluid. Tota	I N2:1,601,300SCF.
	3928' - 4406'				·						at to their
								· · · · · · · · · · · · · · · · · · ·			
28 Production - Inter-	ml A								<del></del>		
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production N	Method	<del> </del>
Produced	1	Tested	Production	BBL	MCF	BBL	Corr API	Gravity			
N/A	9/16/2012	thr.		0 /boph	44/mcf/h	3/bwph	n/a_	n/a			
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Status			
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio				
1/2"	SI-526psi	SI-450psi		0/bopd	1053/mcf/d	63/bwpd	n/a		S	HUT IN	
28a Production - Inte				· · · · · · · · · · · · · · · · · · ·			T				
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production I	Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity	57.74	IN DAT 44	i 1:-11 aTu
	<u>                                     </u>	<u> </u>			<u> </u>		<u> </u>		Mark Contract of the contract	VD OCT 11	Liaz
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Status			
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio	1		L CONS. D	NV.
	SI		E N								
*/See instructions and	spaces for additional data	on nece 2)			1	·	J			# # # # # # # # # # # # # # # # # # #	

ACCEPTED FOR RECORD

OCT 09 2012

FARMINGTON FIELD OFFICE BY TL Salyers





28b. Production	on - Interval	C ·				•	•							
Date First	Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	i				
Produced			Tested	Production	BBL	MCF	BBL	Соп АРІ	Gravity					
Choke	Tbg. Pres	is.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	.l.				
Size	Flwg		Press.	Rate	BBL	MCF	BBL	Ratio	-					
	SI													
28c. Production	on - Interval	D		<u> </u>										
Date First	Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method				
Produced			Tested	Production	BBL	MCF	BBL	Corr API	Gravity					
					l									
Choke	Tbg. Pres		Csg.	24 Hr.	Oıl	Gas	Water	Gas/Oıl	Well Status					
Size	Flwg		Press.	Rate	BBL	MCF	BBL	Ratio	Well Status					
	SI			PENNEND >										
			<u> </u>											
29. Dispositio	on of Gas <i>(So</i>	olid, used	for fuel, v	ented, etc.)										
							N	l/A	······································					
30 Summary	of Porous Zo	ones (Incl	lude Aquit	ers).					31. Formation	on (Log) Markers				
Show all in	nportant zone	es of poro	sity and c	ontents thereof:	Cored inter	vals and all o	full-stem tes	qt						
	-		-	d, time tool ope				•						
recoveries.				•		•		•						
			T		1						Тор			
Format	tion	Тор		Bottom	1	Descrip	tions, Conte	ents, etc.		Name				
											Meas Depth			
Ojo Ala	1	1313	'	1412'		•	White, cr-gr s	s		Ojo Alamo	1313'			
Kirlta	nd	1412	'	1940'	Gry sh interbedded w/tight, gry, fine-gr ss				Kirltand	1412'				
Fruitla	and	1940	,	2163'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss				gr ss	Fruitland	1940'			
Pictured	Cliffs	2163	·	2313'	Bn-Gry, fine grn, tight ss					Pictured Cliffs	2163'			
Lewi	is	2313	·	2628'	1	Shale	w/ siltstone st	tingers		Lewis	2313'			
Huerfanito E	Bentonite	2628	<i>'</i>	2672'	White, waxy chalky bentonite			Huerfanito Bentonite	2628'					
	:		.											
Chac		2672	- 1	3715'	Gry f			one w/ drk gry shale		Chacra	2672'			
Mesa V		3715		3804'				earb sh & coal	l	Mesa Verde	3715'			
Menet	fee	3804	·'	4450'			y, fine gr ss, c			Menefee	3804'			
Point Lo	okout	4450	,	4864'	Med-light g	ry, very fine gr	ss w/ frequent formation	it sh breaks in lower p	art of	Point Lookout	4450'			
Manc		4864		5611'		. n	ark gry carb s	sh		Mancos	4864'			
	-				Lt gry to b			s & very fine gry gry :	ss w/		1004			
Gallu	-	5611		6451'	'	in	reg interbed s	sh		Gallup	5611'			
Greenh		6451	- 1	6495'		Highly c	alc gry sh w/ 1	thın Imst		Greenhorn	6451'			
Grane	ros	6495	'	6533'	I t to dark o		fossil & carb	w/ pyrite incl w/ pyrite incl thin sh	bands	Graneros	6495'			
Dako	ota	6533	,				y Y shale brea			Dakota	6533'			
Morris					Interb	ed grn, brn &	red waxy sh &	& fine to coard grn ss		Morrison				
32. Additiona	arromans (ii	ienide pri	іддінд ріс	This is a Bl				Basin Dakota cor ell because the pip	•		·			
33. Indicate v	which items l	have been	n attached	by placing a che	ck in the ap	propriate box	kes.							
X Electric	cal/Mechanic	al Logs (	1 full set r	reg'd.)		☐ Gen	logic Report	t 🗆	DST Report	Directional Sur	vev			
	Notice for p					,	e Analysis		Other:	الما	-			
34. I hereby	certify that th	ie foregoi	ing and att	ached information	on is comple	te and correc	ct as determ	ined from all availa	able records (see a	ttached instructions)*				
	ne (please pri				een Kellywo			Title		Staff Regulatory Tech				
Sign	ature		a	a V	llezir	1/		Date	10/4/12					
		001 and T			10		ny person kn			department or agency of the Unit	ted States any			

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

(Continued on page 3)

(Form 3)

(Form 3160-4, page 1)

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

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

		WELL	OWIPLETIO	N OK KE	OWIFLETT	UN KEPUI	AI AND L	-	3 Lease Seriai No	, I-149-IND-	3473		
la Type of Well		Oıl Well	X Gas We	11   1	Dry	Other	ÛĹ	05 2012	6 If Indian, Allott	ee or Tribe Name			
b Type of Completion	. X	New Well	Work O	===	Deepen	Plug Ba	ck D	off Resvr,	ļ	Navajo Allo			
			_				Farmin	gton Field Office	7. Unit or CA Ag	reement Name ar			
2 Name of Operator		Other				ВШ	TARLING OF	2nd Monogor	8. Lessa Nama an	Huerfanito (	JANE		
2 Name of Operator		Burling	ton Resour	es Oil &	Gas Comp	any	icau or	Land Managem	Huerfanito Unit 82N				
3 Address					3a Phone No				9 API Well No.				
	O Box 4289, Farming port location clearly and it					(5	05) 326-97	00	10 Field and Dee		310-00CZ		
4 Location of Well (Re	port tocation clearly and t	n accoraance	wiin reaerai req	urements)*					10. Field and Pool	or Exploratory BASIN M	C		
At surface			UNIT	M (SW/SW),	200' FSL & 8	55' FWL			11. Sec, T, R, P	M, on Block and Su			
									' :	SURFACE: SEC:	25, T27N, R9W		
At top prod Interval	reported below				SAT	ME AS ABOV	E.		12 County or Pa	rish	13 State		
The top prod finerval	reported below				0,11	IL III IIDO I			la county of the		15 61110		
At total depth				SAM	E AS ABOVE			.=		ı Juan	New Mexico		
14 Date Spudded	/20/2012	15 Dat	te T D. Reached 7/14/201	,	16 Date Co	D & A	Pardy:	to Prod 4 1112	17. Elevations (D	F, RKB, RT, GL)* 6275' GL / 629	20' KB		
18 Total Depth	MD	675		lug Back T D		MD	6747'	20 Depth Bridge Plug S	ot:	MD			
To Total Deptil	TVD	075	"   '	ing Dack 1 L	•	TVD	0141	Lo Dopin Bridge Fing o		TVD			
21 Type Electric & Or	ther Mechanical Logs Run	(Submit copy	of each)					22. Was well cored?		X No	Yes (Submit analysis)		
			GR/CCL/CBL					Was DST run?		X No	Yes (Submit report)		
								Directional Survey	?	X No	Yes (Submit copy)		
23 Casing and Liner R	ecord (Report all strings s	et in well)											
Hole Size	Size/Grade	Wt (#/ft.	) Top (M	D)   B	ottom (MD)	_	ementer opth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
12 1/4"	9 5/8" / H-40	32.3#	- 0		230		/a	76sx-Type I-II	22bbls	Surface	6bbls		
8 3/4"	7" / J-55	20# / 23#			3952'		/a	522sx-Premuim Lite	188bbls	Surface	70bbls		
6 1/4"	4 1/2" / L-80	11.6#	- 0		6748'	n	/a	222sx-Premuim Lite	80bbls	2710'	n/a		
			-					·		+	<del></del>		
24 Tubing Record	Devis Car (Am)	l n	to De dam	1 0	<del></del>	2 C (2.62)	<del></del>	Packer Depth (MD)		1 p. d.g. 0 m	) [ D 1   D 4 (1 (1 (D))		
Size 2 3/8", 4.7#, J-55	Depth Set (MD) 6542'	Pac	ker Depth (MD)	Siz	<u>ze 1</u>	Depth Set (MD	<del>'</del>	Packer Depth (MD)	Size	Depth Set (MD	Packer Depth (MD)		
25 Producing Intervals					26.	Perforation Re							
A) .	Formation Upper Mancos		Top 5860'	Bott 595			Perforated I 3SPF		Size .34"	No Holes 51	Perf Status		
A) Lawre			5640'	573			3SPF		.34"	51	open open		
C) • • •	Total_									102			
D)	9 19	<del> </del>		<u> </u>					<u> </u>				
27 Acid, Fracture, Tre	atment, Cement Squeeze, Depth Interval	etc	<u> </u>			<del></del>	Α	mount and Type of Material					
			Acidize w/ 10	bbls of 15%	HCL. Frac'd w	/ 147,700gals		K-Link Foam w/ 152,735# of	20/40 Brown sand.	Pumped 91bbls o	f fluid. Total N2:		
	5860' - 5956'		2,042,800SCI	7.									
	<u></u> -				HCL, Frac'd w	/ 148,036gals	70Q N2 20# X	K-Link Foam w/ 152,714# of	20/40 Brown sand	Pumped 87bbls o	f fluid. Total		
	5640' - 5736'		N2:1,895,100	SCF.									
	·		<del></del>										
28 Production - Interv	al A							~ <del></del>		<del></del>			
		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production I	Method			
Produced			Production	BBL	MCF	BBL	Corr API	Gravity	[				
N/A	9/16/2012	lhr.		1/boph	4/mcf/h	trace/bwph	n/a	n/a					
Choke	Tbg Press.	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status					
Size	Flwg		Rate	BBL	MCF _	BBL	Ratio						
1/2"	SI-526psi	SI-450psi		16/bopd	105/mcf/d	2/bwpd	n/a		•	HUT IN			
28a Production - Inter		L OI-450 hat		1	1 100/11/0								
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production I	Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity					
		!			1								
Choke	Tbg Press	Csg	24 Hr	Oıl	Gas	Water	Gas/Oil	Well Status					
Size	Flwg SI	Press	Rate	BBL	MCF	BBL	Ratio						
	J.,												

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

ACCEPTED FOR RECORD

OCT 09 2012

FARMINGTON FIELD OFFICE BY TL Salpers





ate First	Production - Interval C First Test Date Hours Test		Oil	Gas	Water	Oil Gravity	Gas	Production Method	oduction Method		
duced	Test Bate	Tested	Production			Соп. АРІ	Gravity	T todation rating			
oke	Tbg Press	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status			
;	Flwg.	Press	Rate	BBL	MCF BBL Ratio		Ratio	ł			
	SI							ļ			
	on - Interval D	<u>-</u>						-L			
e First duced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method		
uuceu		rested	Production	DDL	MCF	BBL	Con Ari	Clavity			
<del></del> .									·		
oke e	Tbg. Press. Flwg.	Csg Press	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status			
-	SI	1.1000									
Dienocation	n of Gon (Solv	d, used for fuel,						<u> </u>			
Disposition	ii oi Gas (Soile	i, usea jor juei,	venieu, eic )								
								Tarana			
Summary of	of Porous Zon	es (Include Aqui	fers):					31. Formati	on (Log) Markers		
Show all im	mortant zones	of porosity and o	contents thereof:	Cored interv	vals and all	drill-stem tes	ıt.				
	•		ed, time tool ope				,				
recoveries.		,	,	.,				1			
				1				-	*****	Тор	
Formati	ion	Тор	Bottom	ŀ	Descrip	otions, Conte	nts, etc.	}	Name	Meas Depti	
Ojo Alaı		1313'	1412'	<u> </u>		White or or or		-			
Kirltan	L	1412'	1940'	ļ ,		White, cr-gr ss edded w/tight, g			Kırltand	1313' 1412'	
		i		İ	•						
Fruitlar Pictured C		1940' 2163'	2163' 2313'	Dk gry-gry		grn silts, light- Gry, fine grn, tig	-med gry, tight, fine gr ss	İ	Fruitland Pictured Cliffs	1940' 2163'	
Lewis		2313'	2628'			w/ siltstone sti			Lewis	2313'	
uerfanito B	· į	2628'	2672'	1		waxy chalky be			Huerfanito Bentonite	2628'	
		1						1			
Chacr	···	2672'	3715'	Gry fn grn silty, glauconitic sd stone w/ o				Chacra	2672'		
Mesa Ve		3715'	3804'			ed-fine gr ss, ca		}	Mesa Verde	3715'	
Menefe	ee	3804'	4450'			ry, fine gr ss, ca			Menefee	3804'	
Point Loc	okout .	4450'	4864'	Med-light gr	y, very fine g	formation	t sh breaks in lower part of	21	Point Lookout	4450'	
Manco	os	4864'	5611'		I	Dark gry carb sl	h	1	Mancos	4864'	
Gallu		5611'	6451'	Lt gry to b			s & very fine gry gry ss w	<b>/</b>	Gallup	5611'	
Greenle	- 1	6451'	6495'			rreg_interbed si calc gry sh w/ t			Greenhorn	6451'	
Graner	I	6495'	6533'	ļ	0 .	, fossil & carb			Graneros	6495'	
Dakoi	ta	6533'		Lt to dark gi	-	calc sl sitty ss ly Y shale brea	w/ pyrite incl thin sh band	is	Dakota	6533'	
Mortis		0333		Interb		•	tine to coard grn ss	1	Morrison	0333	
. Additiona	al remarks (inc	lude plugging pr	•							·•	
					-		Basin Dakota comm	-			
			The Gas Reco	very System	wasn't use	ed on this we	ell because the pipeli	ne wasn't rea	dy to receive gas.		
Inducate v	which stame ba	va haan attachaa	Lov placing a ch	ock in the ani	propriate ho	vec					
3. Indicate v	which items ha	ve been attached	l by placing a ch	eck in the app	ргорпате во	oxes					
_		ve been attached Logs (1 full set		eck in the app	-	oxes blogic Report	t DS	ST Report	Directional Sur	vey	
X Electric	cal/Mechanical	Logs (1 full set	req'd)	eck in the app	Geo			ST Report	Directional Sur	vey	
X Electric	cal/Mechanical	Logs (1 full set	req'd)		Geo	ologic Report re Analysis	Ot	her:		vey	
X Electric Sundry I hereby o	cal/Mechanical Notice for plu	Logs (1 full set	req'd )  nt verification  tached informati	on is comple	Geo	ologic Report re Analysis	Ot	her:	attached instructions)*	vey	
X Electric Sundry I hereby c	cal/Mechanical	Logs (1 full set	req'd)  nt verification  tached informati		Geo	ologic Report re Analysis	Ot ined from all available	her:	attached instructions)*  Staff Regulatory Tech.	vey	
X Electric Sundry	Notice for pluce	Logs (1 full set	req'd)  nt verification  trached informati	on is comple	Geo	ologic Report re Analysis	Ot ined from all available	her:	attached instructions)*  Staff Regulatory Tech.	vey	

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