DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



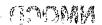
FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

	WEL	LCOM	PLETION C	R REC	OMPLE	TION RE	PORT	AND L	OG		3	Lease Seria . ITC. 1		
la. Type	of Well		7ell X Gas V		Dry	Other		_					Allotee	or Tribe Name
b. Type	of Completion	_	New Well	□ Wo	rk Over	Deepen		Plug Ba	ck [I	Diff R	esvr,.			ement Name and No.
Fner 3. Addres 1001 4. Locatio At surfa	Fannin St Fannin St on of Well <i>(Rep</i> ce UL B rod. interval re	750'	ion clearly and FNL & 224	in accord		ı Federal r	equirem	ents)*	3-495-6	5537	code) 9	API Well N 30-03 D. Field and P Basin I. Sec., T., R. Survey or A	illa lo. lo. lool, or Dako , M., o Area Sec	A No. 8M 848-00-01 Exploratory
At total	-											Rin Arr		NM
14. Date S	•	15. D	ate T D. Reach	ied		16 D:	ate Com D & A		Ready	y to P	rod.		, .	RKB, RT, GL)*
	27/11	-	6/17/11	Di D.	ul TD.	M	-		22/11	Danth	Daides Dlu		565'	uL
18. Total I	TVD	/	,675 19	. Plug Ba	ick T.D.:	MD TVD	/,	644	20.	Бери	Bridge Plu	ig Set: MI TV		
Spec De	Electric & Othe	Comp/Tr	rue Resis		copy of ea				V	Vas DS	ell cored? T run onal Survey?	X No X No	<u></u> □ ·	Yes (Submit analysıs) Yes (Submit report Yes (Submit copy)
23 Casing	and Liner Red	сога (кер	ort all strings :	sei in weii	1	Stone Com		No of	Clas Pa	C1	Val			T
Hole Size	Size/Grade	Wt (#ft) Top (MD)	Botto	m (MD)	Stage Cen Deptl	h		Cement		иту Vol (BBL)	Cement To	op*	Amount Pulled
2 1/4"	9 5/8"	36	0	4	80			20	00					
	J55 STC											<u> </u>		
3 3/4"	7"	23	0	35	570			51	.0					
-	N80 LTC	_						ļ <u>-</u> _						
5 1/4"	4 1/2"	11.6	3550	76	65			. 39	0					
	N80 LTC													
24. Tubing	Record													
Size	Depth Set (MD)	Packer Depth (M	D)	Size	Depth Set	(MD)	Packer I	Depth (MD)		Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7,543	<u> </u>						<u> </u>						
25 Produc	ing Intervals					26. Perfor								
	Formation		Тор	Bo	ottom		rforated			Size		lo. Holes		Perf. Status
	<u>Basin Dako</u>	ota	7402	_		. 74	02 to	7628).40	0	114		<u>Open</u>
B)				 	. 1						-		//	207122233
C) D)			 	-					-		_		/.B	* * * * * * * * * *
													1.3 1.2	
	racture, Treatr	nent, Cen	nent Squeeze,	EIC.				Amount an	d Type of I	Nateri		F	. CH	- Co VIII
	2 to 7628	_	80 000	# 20//	0 Brown	ı Sd plu	ıc 31	-	u Type of f	VIAICII	11	- E		7/10 800 VD
740	2 10 7020		00,000	<u>π_20/4</u>	O DI OWI	i su più	13 517	/ Z DII .				/ (- 1/2 J
														·///
				_	_								•	11
	on - Interval A					1	Loice							
Date First Produced 7/23/11	Test Date 7/27/11	Hours Tested 24	Test Production	Oil BBL 33	Gas MCF 327	Water BBL 17	Oil Gra Corr A		Gas Gravity		Production		_ £	· · · · · · · · · · · · · · · · · · ·
//23/11 Choke	7/2//11 Tbg. Press		24	Oil	327 Gas	1/ Water	Gas: C	Ni 1	Well Stat	118	-	FIOW	s fro	om well
Size	Flwg	Csg. Press.	24 Hr.	BBL	MCF .	BBL	Ratio	711						·
64/64	SI 580	841	>	33	327	1 17			<u> </u>	PGW		4005	الله الله	D FOR RECORD
28a. Producti Date First	ion-Interval B	Ue	Test	Orl	l Gen	Water	Oil Gra	vitu	Gas		Production 1	,		U FOR HENOTIS
Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	BBL	Corr. A.	PI	·Gravity		rioduction .		AUG	2 2 2011
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: O Ratio)1l	Well Stat	us		FARM	INGT	ON FIELD OFFICE

Date First Produced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Size	Tbg. Pres Flwg. SI	ss. Csg. Press	24 Hr.	Oil BBL (Gas MCF	Water BBL	Gas. Oil Ratio	Well Status		
8c. Produc	ــــــــــــــــــــــــــــــــــــــ	val D	1	<u> </u>		Ц				· · · · · · · · · · · · · · · · · · ·
Date First	Test	Hours	Test	Oil	Gas	Water	Oil	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Gravity Corr API	Gravity		
Choke ize	Tbg. Pres Flwg. SI	Ss. Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
Disposit	on of Gas	Sold,used for	fuel, vented, et	(c)						
0. Summa	ry of Poro	us Zones (Inc.	lude Aquifers)	:				31. Format	ion (Log) Markers	
	ng depth int	zones of porosit erval tested, cus								
Format	ion	Тор	Bottom	T	Descri	ptions, Co	ntents etc		Name	Тор
_		<u> </u>		ļ						Meas.Depth
Chacra		4103		Į.	stone					
lesaver		4880		- 1		stone,	Shale			· .
lancos S	Shale	5582		Sha.1	е					
iallup		6612		Silt	stone,	Shale				
akota)	1	7402		Sand	lstone,	Shale,	Coal			,
				1						
		ļ		-						
	Ì			1				,	•	i
	j			1						
	}	}		1						
	`									
		1								
	1	ļ						-	,	
						•				
Addition	iai remarks	s (include plug		•	of 76	44' and	to revise	Test Data ba	sed on new alloca	tions.
8/18/	11 rev	ised to s							`	
		ised to s		ing a chec	k in the ap	opropriate	boxes:		,	
Indicate	which item		tached by plac	ing a chec	_	opropriate gic Report		ort Directio	onal Survey	
Indicate	which iten	ns have bee at	ached by plac full set req'd)		Geolog	-		ort Direction	onal Survey	
Indicate Electro Sundry	which iten cal/Mecha Notice fo	ns have bee at unical Logs (1 or plugging and	ached by plac full set req'd) d cement verifi	cation	Geolog Core	gic Report Analysis	DST Repo		onal Survey ble records (see attached in	structions)*
Indicate Electric Sundry	which iten cal/Mecha Notice fo certify that	ns have bee at unical Logs (1 or plugging and	tached by place full set req'd) I cement verifications and attached	cation	Geolog Core	gic Report Analysis	DST Repo		ble records (see attached in	structions)*
Electric Sundry	which iten cal/Mecha Notice fo certify that ase print)	ns have bee at unical Logs (1 or plugging and the foregoins	tached by place full set req'd) of cement verifications and attached Helfrich	cation	Geolog Core	gic Report Analysis	Other:	ed from all availa	ble records (see attached in	structions)*

(Continued on page 3)

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Form 3160-4 7 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	WELL	COMP	LETION OF	RECC	MPLET	ION REI	PORT	AND LOG		emagn () :	−5¹ Eeáse Seria JIC 1		
la Type	of Well	7 Oil We	II Gas Wo	ell 🔲	Dry	Other			ΔIIG	19 20	6 If Indian, A	Allotee or	r Tribe Name
b. Type	of Completion.	X	New Well		Over	Deepen		Plug Back			7 7	7 - A	ache nent Name and No
2. Name o	of Operator	Oth	er					——Bur	Jau of L	and Man	nemen		
	rVest Opera	atina	HC								8 Lease Nam		
3 Addres		acing.	<u>LLU</u>			-	3a	Phone No. (1	nclude ar	ea code)	9 API Well N		A No. 8M
1001	Fannin St	Ste 8	00 Hous	ton, T	x 77002	2	İ	713-	495 - 653	37	1		48-00-C2
	on of Well (Rep			n accord	ance with	Federal re	quireme	ents)*			10 Field and P		
At surfa	ice UL B	750'	FNL & 2240)' FEL	Lat 3	6.49236	51 Lor	ng 107.38	31444		Tapac	ito-G	allup
											11 Sec., T., R Survey or A		Block and
At top p	rod, interval rep	orted belo	w								UL B,	Sec	17, 26N, 05W
Attotal	domih										12. County or I	Parish	13 State
At total	<u> </u>										Rio Arr		NM
14 Date S	pudded	15. Dat	te T D Reache	:d			te Com	pleted	Ready to	n Prod	17. Elevation	s (DF, R	KB, RT, GL)*
4/	27/11		6/17/11				Dun	7/22		7110 u	6	665' (GL
	Depth MD	7		Plug Bac	kTD · N	MD	7 6	644,,		pth Bridge			<u></u>
70. 1014	TVD	, ,	0/3 .	. rug Du		rvd	/,(ل 140	1000	pai Briage	T\		
21. Type	Electric & Othe	r Mechani	cal Logs Run	(Submit c	opy of eac	h)			22 Was	well cored?	X No		es (Submit analysis)
									Was	DST run	X No		es (Submit report
	en/Array C								Dire	ectional Surv	ey? 🚺 No	<u> </u>	es (Submit copy)
23 Casıng	g and Liner Rec	ord (Repo	rt all strings se	et in well)									
Hole Size	Size/Grade	Wt.(#ft)	Top (MD)	Botton	n (MD)	Stage Cem Depth		No of Sk Type of Ce		Slurry Vol (BBL)	Cement T	op*	Amount Pulled
2 1/4"	9 5/8"	36	0	40	08	. Depti		200		(BBE)			020ZIZZZ32
	J55 STC			1		<u> </u>						1	A
8 3/4"	7"	23	0	35	70			510				/6	W SV
	N80 LTC			 							 	20	\$ \$00 XV
6 1/4"	4 1/2"	11.6	3550	76	65			390				4	Con Ton Con
0 1/ -	N80_LTC	11.0	3330	 	03	_		330			+		On William
24 Tubin				<u> </u>				·				1 <u>571</u>	· Ofen
Size	Depth Set (MD) E	acker Depth (M	D)	Size	Depth Set	1 (MD)	Packer De	oth (MD)	Size	Depth Set	(MINO)	Packer Depth (MD)
2-3/8"	7,543		deker Deptii (W			Борин зо	. ()	1 44400	pin (mb)			(2)	829986
25. Produ	cing Intervals					26 Perfo	ration R	Record					
	Formation		Тор	Вс	ottom	Pe	erforated	Interval		Size	No Holes		Perf. Status
\overline{A}) \overline{T}	apacito-Ga	llup	6612			68	98 to	6923	0.	400	36		0pen
B)													
C)													
D)						_							
27. Acıd,	Fracture, Treat	ment, Cen	ent Squeeze, I	Etc.				.=					
	Depth Interval		<u>-</u>					Amount and	Type of Ma	aterial			
68	98 to 6923	3	30,000	# 20/4	0 Brown	n Sd pl	us 10	71 BFF.					
	· · · · ·												
28 Produc	tion - Interval A	4											
Date First	Test	Hours	Test Production	Oil	Gas	Water	Oil Gr Corr		Gas Gravity	Produc	ction Method		
Produced 7/23/1	1 Date 7/27/11	Tested 24	Production	вві 6	мсғ 58	BBL//			———	<u> </u>	<u>F]o</u>	ws fro	om_well
Choke Size	Tbg Press Flwg	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Ratio		Well Statu	s			
64/6			→	6	58	3	Livatio	·]	P	GW			
28a Produ	ction-Interval E	3									ACC	EPTE	D FOR RECOR
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr Corr		Gas	Produ	ction Method		
Produced	Date	Tested	Production	BBL	MCF	BBL			Gravity			ALIG	2 2 2011
Choke Size	Tbg Press Flwg	Csg Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas Ratio		Well Statu	s			
JIEC	SI	11035	```	555	I WICE	l	Kallo				FAR	MINGT	ON FIELD OFFIC
(See instructio	ns and spaces for add	ditional data o	n page 2)		•	- N		٠٠ لايا			BY_	5 0	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg SI	s Csg Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	•	
28¢ Produc	tion-Interv	al D								
Date First Produced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Sıze	Tbg Press Flwg SI	s Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
29 Disposit	ion of Gas (Sold, used for	fuel, vented, e	tc)	<u> </u>	<u> </u>		<u> </u>		
30. Summa	ry of Poro	us Zones (Incl	lude Aquifers)					31 Formati	on (Log) Markers	
	ng depth into		y and contents the							
Forma	tion	Тор	Bottom		Descri	ptions, Co	ntents, etc		Name	Тор
Chacra		4103		Sil	tstone			-		Meas Depth
Mesaver	de	4880				stone,	Shale			
Mancos	Shale	5582		Sha	le					
Gallup		6612		Silt	tstone,	Shale				
Dakota		7402		Sand	dstone,	Shale,	Coal			
			i							
		. 1.								
				İ						
										Į.
32 Additio	nal remark	s (include plu	gging procedu	ire)						<u> </u>
8/18	/11 rev	ised to s	show corre	ct PBT	D of 76	544' and	d to revise 1	Test Data b	ased on new alloc	ations.
			ttached by pla	•	ck in the	appropriate	boxes			
<u> </u>			full set req'd)	L		ogic Report	<u> </u>	rt Directi	onal Survey	
Sundi	ry Notice fo	or plugging ar	nd cement veri	fication	Co	re Analysis	Other Other			
34. I hereby	y certify th	at the foregoin	ng and attache	d informa	tion is con	plete and	correct as determin	ed from all availa	able records (see attached	instructions)*
Name (p	lease print,	Bridge	t Helfric	h			Tit	le <u>Regulate</u>	ory Tech	
Signature	٠. (R. O.	et blee	Marie	h		D.	0 /10 /11		
Signatur	·	rusy	e nel	yan	· (Da	te <u>8/18/11</u>		
			-							
T. (1. 10.11.0	C Section	1001 and Tu	tle 43 U.S.C.	Section 13	212 make	it a crime	for any person kno	owingly and will	fully to make to any dena	artment or agency of the Uni

28b Production - Interval C

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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OMB NO. 1004-0137 Expires July 31, 2010

	WEL	L COM	PLETION (OR REC	COMPLE	ETION RI	EPORT	T AND L	.og			5. Lease Ser JIC			
la. Type	of Well	Oil W	Vell X Gas	Well [7 Dry	Other					(6. If Indian,	Allotee	or Tribe Name	
b. Type	of Completion	ı. [New Well		ork Over	Deeper	n [] Plug Ba	ick D	iff.Resvr		Jicari. 7. Unit or Ca		ache ement Name and No.	
2. Name	ot Operator			·		<u> </u>	-				;	8 Lease Nar	ne and \	Well No.	
	rVest Oper	ir	11				40	Uhone N	. (mahuda	araa aad	a I	Jica	rilla	A No. 8M	
3. Addres	ss. Fannin Si	+ C +a	900 Hay	ıcton	Tx 770	02	Ja.		3 - 495 - 6		<i>"</i>	9. API Well		040 00 00	
	on of Well (Rej						equirem		.1-45-1-()	-1.17	17			848-00-C3 Exploratory	_
At surfa	· -		FNL & 22						.381444			Rlance 1. Sec , T., R	n Mes L, M., o	averde r Block and	•
At top p	rod. interval re	ported be	low									Survey or UL B		17. 26 <u>N, 05W</u>	
At total	depth			_							Ľ	2.County or Rin Ar		13. State NM	
14. Date S	•	15. D	ate T.D. Reach	hed -		16. D	ate Com	pleted			1			RKB, RT, GL)*	
				,] D & A		X Ready	to Prod.			, ,	, ,	
	<u>27/1</u> 1		6/17/11	•					22/11			-	665'	GL	
18. Total l	Depth: MD TVD	7	.675 ¹⁹	P. Plug B	ack T D.:	MD TVD	7,	644	20. I	Depth Bri	dge Plı		ID VD		
21. Type I	Electric & Othe	er Mechar	nical Logs Rur	ı (Submit	copy of ea				22 W	as well co	red?	X No	—	Yes (Submit analysis)	
4.1			J	`	••	,				as DST ru		X No	=	Yes (Submit report	
	en/Array (D	rectional	Survey?	X No	\Box	Yes (Submit copy)	
23 Casing	and Liner Red	cord (Kep	ort all strings	set in wel	<i>!)</i>			T				,		-	_
Hole Size	Size/Grade	Wt (#ft	.) Top (MD) Botto	om (MD)	Stage Cer Dept			Sks. & Cement	Slurry (BBI		Cement 7	Гор*	Amount Pulled	_ ′
2 1/4"	9 5/8"	36	/ 0	4	-08			20	00						_
	J55 STC							 				<u> </u>		<u> </u>	_
3 3/4"	7"	23_	0	3!	570			52	LO						_
C 1 /4"	N80 LTC		0.550	-				- 0/							_
5 1/4"	4 1/2"	11.6	3550		565			39	90						-
24. Tubing	N80 LTC Record			<u>. l</u>				·							- .
Size	Depth Set (MD)	Packer Depth (M	m)	Size	Depth Se	t (MD)	Packer	Depth (MD)	Siz	re I	Depth Set	(MD)	Packer Depth (MD)	-
2-3/8"	7,543		rucker Deput (1	<u></u>			. (2-22-)						<u> </u>		-
25. Produc	ing Intervals					26. Perfo	ration R	ecord			·		,		_
	Formation		Top .	В	ottom		erforated			Size	1	No. Holes		Perf Status	_
	<u>anco Mesav</u>	<u>rerde</u>	4880			52	84 to	5532	0	.400	ļ	104	-	<u>Open</u>	_
B)				-		<u>.</u>					 		 	(02.22	-
C) D)			 	+							 		1	21222320	
	racture, Treatr	ment Cen	nent Squeeze	Etc									1/20	AN SH	20.
	Depth Interval	non, con	ich squeeze,	Lite.		·· 		Amount ar	d Type of M	aterial			/ <u>\$</u>	The state of the s	. `
	34 to 5532	_	135.67		40 Bro	wn Sd p	lus 36						A.m.	106 20 ET)
				<u> </u>		<u> </u>				-			4	1810 COM	ź
													15	DIST	•
													/ ,.	7.5 _1	S/
	on - Interval A						·1							JR19978	_
Date First Produced 7/23/11	Test Date 7/27/11	Hours Tested 24	Test Production	Oil BBL 26	Gas MCF 257	Water BBL 14	Oil Gra Corr A	ivity PI	Gas Gravity		duction	Method AFJQW	s fro		ı
Choke Size	Tbg Press Flwg.	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: C Ratio	Dil	Well Statu	s		. 1 	ou V khanib	- a see a ti kinder see ti Chi	
64/64	SI 580	841		26	257	14			P	<u>GW</u>			AUG	1105 26	
	ion-Interval B	7.		0"	T _o	1,52	1 67 5			· I -				- =	
Date First ' Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr A		Gas Gravity		duction	Merann BY	INGTO	ON FIELD OFFICE	-
Choke Size	Tbg. Press. Flwg. SI	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: O Ratio	ol.	Well Statu	S					

28b Product	tion - Inter	val C								·- «	
Date First Produced	Test Date	Hour. Teste		Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method		
Choke Size	Tbg. Pre Flwg. SI	ess. Csg Press	24	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status	Well Status		
28c. Produc		val D					I				
Date First Produced	Test Date	Hours Teste		Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method		
Choke Size	Tbg. Pre Flwg. SI	ss Csg Press.	24	Oil BBL	Gas MCF	Water BBL	Gas: Oıl Ratio	Weil Status		-	
29 Disposit		(Sold, used f	or fuel, vented, e	tc)			<u> </u>				
30. Summa	ary of Porc	ous Zones (I	nclude Aquifers):				31. Format	tion (Log) Markers		
Show all	l important ng depth in	zones of porc	osity and contents to	hereof: Co					(=-6)		
Format	tion	Тор	Bottom	T	Dagar	intions Co	ontents, etc.		N	Тор	
			, Bottom			iptions, cc			Name	Meas.Depth	
Chacra	,	4103		- 1	tstone		CL 7	,		·	
Mesaver		4880				istone,	Shale				
Mancos S	Shale	5582		Sha		OL 3					
Gallup		6612		1	•	, Shale	01				
Dakota		7402		San	astone,	Shale.	, Coal			,	
										·	
	,										
							•				
	İ			İ							
	}			1					•		
									-	· ·	
32 Addition	nal remark	cs (include r	lugging procedu	re):						<u> </u>	
			- ·	•	D - 6 7/		4 4	T+ D-+- L			
8/18/	/11 rev	rised to	snow corre	CT PBI	D OT 76	544 and	a to revise	lest pata b	ased on new allo	ocations.	
	•								,		
_			attached by pla	_				. 🗆 5: ::	10	_	
			(1 full set req'd) and cement veri		-	e Analysis		ort Directi	onal Survey		
	y Notice it	or prugging	and cement veri	L		C Allalysis	ouler.				
4. I hereby	certify the	at the forego	ing and attached	l informat	ion is com	plete and	correct as determin	ned from all avails	able records (see attache	d instructions)*	
Name (ple	ease print)	Bridg	<u>et Helfric</u>	1		•	Ti	tle <u>Regulato</u>	ory Tech.		
Signature	4	Brill	et Ulou	Price	h		Da	ate 8/18/11			
			. 0	1	·		,				
							for any person kn tter within its juris		fully to make to any dep	partment or agency of the United	