Form 3160- (March 2011			;			-		c	DCD Ho	bbs		1				
				EPARTME	TED STATE	INTERIO								OMB N	0. 10	ROVED 004-0137 er 31, 2014
	w	ELL C	OMPLET		RECOMPLET	ION RE	PORT		- GGBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	BS (OCD		ease Se 029509			
la. Type of		Oil	Well	Gas Well	Dry 🗹	Other						1		Allottee or	Tribe	e Name
b. Type of	Completion				Deepen	Plug Back	🔲 Difi	f. Resvr.	JAN () 4	2013	N/A		A Agreeme	nt Na	ime and No.
	0	Oth	er: Acid G	Sas Injection	Well	<u> </u>						N/A				
2. Name of Frontier Fi	Operator eld Servic	es, LLC							REC	EIV	Fn			me and We AGI #1	II NO.	
3. Address	4200 Skelly	Dr. SE. 700), Tulsa, OK 7	4135			a. Phone I (918) 492						PI Wel 025-40			
4. Location	of Well (R	eport loca	tion clearly	and in accord	lance with Federa		. ,							d Pool or E	xplor	atory
		., 1813'	FEL,Sec.	21, T17S, R3	32E NMPM, Lea	a Co. NM							Wolfcamp 11. Sec., T., R., M., on Block and			
At surfac	e												Sec., T. Survey	or Area 130	'FSL, '	c and 1813' FEL,Sec. 21, 2E NMPM, Lea Co. NM
At top pro	od. interval	reported b	elow									12.	County	or Parish		13. State
At total de	epth											Lea	Count	ty		NM
14. Date Sp 03/22/201			15. Dat 06/09	te T.D. Reache	d		Date Com							ons (DF, RH	KB, R	T, GL)*
18. Total De	epth: MD				ig Back T.D.: N	4D	D & A		Ready to I 20. Dept		dge Plug		MD	4031 KB		
21 T.m. E		D 10.18		un (Submit cor		VD 5187	sidetrac	k	22. Was	Ilaurall	cored?		TVD	Yes (Subm	vit ana	lucis
Logs have				· ·	by of each)				Was	DST	run?	N 🗹	•	Yes (Subm	nit rep	ort)
•	•			rings set in wel	7)				Dire	ection	al Survey	? [] N	0	Yes (Subm	uit cop	y)
Hole Size	Size/Gr		/t. (#/ft.)	Top (MD)	Bottom (MD)		Cementer epth		of Sks. &		Slurry (BB		Cen	ent Top*		Amount Pulled
17 1/2"	13 3/8"	48	3# 0	,	890'		epui	700 s	of Ceme ks	-	(55	L)	0'		60	bbls return to sur.
12 1/4"	8 5/8"	24	I# 0		4200'			1650	sks				0'		200) bbls return to sur.
7 7/8"	5 1/2"	15	5 1/2# 0	,	10,183'			175 s	ks corro	sa						
·									ks therm							
								J	sks lead ks tail ha						-	
24. Tubing	Record				<u> </u>			1200 5		iic j					1	
Size 2 7/8"		Set (MD)		Depth (MD)	Size	Depth S	Set (MD)	Packer	Depth (M	D)	Size	:	Dep	th Set (MD)		Packer Depth (MD)
27/8 25. Produci	9452' ng Intervals	;	9452'			26. Pe	erforation	Record								
	Formatio	n		Тор	Bottom	Pe	rforated In	terval		S	ize	No. I		[Pe	erf. Status
A) Wolfcar	mp-Acid G	Sas Injec	tion				632',976					4 shot		open		
<u>C)</u>						9850'-9	917',997 10130'	9'-999	<u>/, </u>	,		4 shot 4 shot		open open		
D)						10000	10100					4 01101	0/10			<u> </u>
27. Acid, F			ement Sque	eze, etc.		· · · · · ·								·		
9,579'-10,	Depth Inter	val		bls 15% HCI	L, 171 bbls 24%	HCI		Amount	and Type	of M	aterial					
0,010 10,				010 10 /0 1101	2, 11 1 0010 247											
					· · · · · · · · · · · · · · · · · · ·											DODD
28. Product	ion Intony	-1 A												TENR	R	CORD
Date First	Test Date	Hours	Test	Oil		Vater	Oil Gra	vity	Gas		Prind	uction M	ethol-			-++-
Produced		Tested	Productio	on BBL	MCF E	BL	Corr. A		Gravi	·		Ĺ		.)	201	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.' Rate	Oil BBL		Vater BBL	Gas/Oil Ratio		Well	Statu	s		JA	57	TON	nands
	SI			•								X	6	1 AND	MA	NAGEMENT
28a. Produc				l·								Bt	REAU	CRAD FI	ELD	OFFICE
Date First Produced	Test Date	Hours Tested	Test Productio	Oil on BBL		Vater IBL	Oil Gra Corr. A		Gas Gravi	ty	Prod	tction M	Iethord	G	/-	NAGEMEND OFFICE 7-2013
•				•						-		-	5	- /		
Choke	Tbg. Press.		24 Hr.	Oil		Vater	Gas/Oil		Well	Status	s					
Size	Flwg. SI	Press.	Rate	BBL	MCF B	BL	Ratio		• •							

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

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28b. Prod	uction - Inte	rval C			<u> </u>	1			
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	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28c. Prod	uction - Inte	rval D				1		•	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
29. Dispos N/A	sition of Ga	s (Solid, us	sed for fuel, ve	nted, etc.)		· • •		I	

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

m				N	Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
alado Fm. ates Fm.	0' 1194'	1194' 2134'	SANDSTONE: red-reddish brn, course to fine SANDSTONE: red-It tan, coarse to f grained, hard	·	
Rivers Fm. Queen Fm.	2134' 3103'	3103' 3464'	SANDSTONE: red-It tan, coarse to f grained, hard SANDSTONE: gray-dk gray-reddish brn, f grained, hard	• •	
Grayburg Fm. San Andres Fm.	3464' 3858'	3858' 5444'	GRAINSTONE: drk gray, very fine grained DOLOMITE: offwhite, v fine grained, dense-v dense		7
Blorieta Fm. Paddock Fm.	5444' 6227'	6227' 6963'	DOLOMITE: offwhite-buff-It tan, v fn gm, dense, tr vugs, DOLOMITE: offwhite-buff-It tan, v fn gm, dense, tr vugs, limey IP		
ubb Fm. .bo Fm.	6963' [.] 7594'	7594' 9564'	DOLOMITE:offwhite-buff-It tan,v fn grn, sI limey. Grd to limestone Interbedded dolornite limestone, and shale		
Volfcamp Fm.	9564'	10165'	LIMESTONE: offwhite-buff-It tan, v fn grn, dense, thin shale interbeds		
Cisco Fm.	10165'	10183'	LIMESTONE: offwhite-buff, vfn, dense, trace fossils		

32. Additional remarks (include plugging procedure):

Data and reports have already been submitted to BLM.

Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey	
4. I hereby certify that the foregoing and attached information	on is complete and correct as	determined from all availab	ble records (see attached instructions)*	
Name (please print) Alberto A. Gutierrez	Titl	e Consultant to Front	ier Field Services, LLC	
Signature	Dat	e 12/28	12	
itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 121 lse, fictitious or fraudulent statements or representations as	, make it a crime for any per o any matter within its jurisd	son knowingly and willfull iction.	ly to make to any department or agency of the United States any	
Continued on page 3)			(Form 3160-4, pag	