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Form 3160-4 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Ogo Aftesia C.D.

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

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18 19 per of Versian 10 10 10 10 10 10 10 1		<u> </u>								Dia.			NIV	·				
Check		of Well		well [Gas v	well [uner					turing N/A	\				
Dale H. Perke B Tract C #28 3a. Phone No. (Include area code) 972.470-0228 30-015-0002													N/A	١			i No.	
3. Address 3a. Phone No. (Include area code) 9. API Well No. 20-15-400-228 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 10. Felci and Pool or Exploratory (Code villa) 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 10. Felci and Pool or Exploratory (Code villa) 5. All surface 15. Start 17. Hours 18. Start 18.			nc.															
4. Location of Well (Report Ceation clearly and in accordance with Federal requirements)* 990' FNL & 300' FEL; A-15-T17S-R30E At top prod. interval reported below At top prod. interval reported below At top prod. interval reported below At total depth. Same At top prod. interval reported below At total depth. Same 15. Date T.D. Reached 11/13/2015 11/13/2	3. Address	;									clude area	code)						
At top prod interval reported below At top prod interval reported below At total depth same At top prod interval reported below At total depth same 15 Date: T.D. Reached 17 Elevations (DF, RKB, RT, GL)** 18. Total Depth: MD 6350 19 Plug Back T.D. MD 6344 20 Depth Bridge Plug Set: T.D. MD 6399 G. 21. Type: Electric: & Other Mechanical Logs Run (Submit copy) of each) 22. Type: Electric: & Other Mechanical Logs Run (Submit copy) of each) 23. Casing and Line: Record (Report of Strings set in well) 14 Plug Size Submit Copy) 24. Tubbing Record Size Submit Size			eport loca	ation cle	arly and	d in acco	ordance with Fe	deral req	1				10.	Field ar		Exploratory		
Survey or Area A-15-T17S-R30E	At curfa		NL & 330	' FEL; A	\-15-T1	7S-R30	Œ								R M on	Block and		
At tool proof, interval reported below At tool depth. \$\text{same}\$ 13. State Eddy County or Parish 13. State Eddy County Eddy County Eddy County Eddy County Eddy County Eddy County If Zecutations (DF, RKB, RT, GL)* If Zec	Atsula												111	Survey	or Area A-	15-T17S-R	30E	
At load elepth Saline 15, Date T.D. Reached 11/13/2015 16 Date Completed 11/13/2015 17/13/2015 19. Plug Back T.D. M.D. 6346 27 Ready to Prod. 70 3689 GL 11/13/2015 18. Total Depth: M.D. 6350 19. Plug Back T.D. M.D. 6344 20. Depth Bridge Plug Sct. TVD 7VD	At top p	rod. interval	reported		same													
14. Date Spunded	At total	_{depth} sam	е								_	,	, Edd	dy Cou	nty	NM		
18. Total Depth MD 6350* 19. Plug Back TD MD 6344* 20. Depth Bridge Plug Set MD TVD 17. TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? 27. No Yes (Submit ranalysis) 22. Was well cored? 27. No Yes (Submit ranalysis) 23. Casing and Liner Record Report all strings; set in well 17.712* 13.3/8" H40 48. 0 339.16" 1312.92* 530 0 none 11.4	14. Date S	pudded		1			ed	16			.3 /	31			ons (DF, RI	KB, RT, GL)	,	
TVD			6350'	11/1	3/2015		ig Back T.D · N	MD 63										
DLL_DSN, GR		TVI	D				7	ľVD						TVD				
23 Casing and Liner Record (Report all strings set in well) No. 15 Size/Grade Wt. (#k) Top (MD) Bostom (MD) Stage Cententer Type of Centent Type of Cente	٠.		ther Mech	nanical L	.ogs Ru	n (Subm	it copy of each)											
Hole Staze Sizze/Grade Wr. (#R.) Top (MD) Boston (MD) Stage Cementer Type of Cement Type of	DLL, DSI	4 , 6 , 1																
Top Depth Type of Cement	23. Casing	g and Liner I			l strings	set in w	1	1 64	Comment		-CCl B		21	<u> </u>		· · · · · · · · · · · · · · · · · · ·		
11" 8-5/8" J55 24 0			-+	t. (#ft.)		(MD)	 	Stag	Depth	Туре	of Cement	ļ`	(BBL)	ļ	ent Top*	Amoun	t Pulled	
24. Tubing Record Size Dept Set (MD) Packer Dept (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Dep		+			+		+					+-				 -		
24. Tubing Record Size Dept Set (MD) Packer Dept (MD) Size Depth Set (MD) Packer Depth (MD)							+	+				+						
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	7-718	5-1/2" J	00 17		U		0340.40			900		+		-		none		
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)							 	+-				\top					XX	
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)																	<u>'1</u>	
2-7/8" 6285.8' 26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status			Set (MD)	Packe	er Dent (MD) T	Size	Dent	th Set (MD)	Packer	Depth (MD)	Т	Size	Dent	h Set (MD)	Packer D	enth (MD)	
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status				1 done	or Dopt (200	ur sec (ins)	1 doke.	ocpui (Mo)		5120	Бера	ii occ (ivio)	1 dekei B	cpur (was)	
A) Yeso	25. Produc			1	Ton		Rottom	26. P				Size	No	Holes	1	Perf Status		
C	A) Yeso	1 Olimanoi	•	44				5910		inter van	0.4			110105	open	T UTI. Duites		
Di Di Di Di Depth Interval Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org Sag2' - 5780' 3,000 gal 15% HCL; 10,559 bbls of slickwater; 7,660 bbls of slickwater; 7,785 lbs 100 mesh; 138,019 lbs 40/70; 27,079 lbs 20/40 SLC Sag2' - 5780' 3,000 gal 15% HCL; 10,950 bbls of slickwater; 7,775 lbs 100 mesh; 142,393 lbs 40/70; 27,079 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 142,393 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 142,393 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 142,393 lbs 40/70; 31,876 lbs 20/40 SLC 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5299' 4979' - 5							-	5382	' - 5780'		0.4	0"	23		open	·		
27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org Depth Interval Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org S910' - 6263' 3,000 gal 15% HCL; 10,559 bbls of slickwater; 7,660 lbs 100 mesh; 138,019 lbs 40/70; 27,079 lbs 20/40 SLC 5382' - 5780' 3,000 gal 15% HCL; 10,950 bbls of slickwater; 7,785 lbs 100 mesh; 142,393 lbs 40/70; 29,566 lbs 20/40 SLC 4979' - 5299' 3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 142,393 lbs 40/70; 29,566 lbs 20/40 SLC 28. Production - Interval A Date First Test Date Hours Test Date Hours Test Date Hours Test Date Hours Production BBL MCF BBL Corr. API. Gravity Gas Gravity	<u> </u>							4979	4979' - 5299'			0"	19		open			
Depth Interval Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org	•	Feneture Tre	atmost C	Samont S	2010000	Post hu	draulia frantusia	na abem	ical disales	res on E	rac Focus o							
3,000 gal 15% HCL; 10,950 bbls of slickwater; 7,785 lbs 100 mesh; 142,393 lbs 40/70; 29,566 lbs 20/40 SLC	27. Acid, 1			zement s	queeze	, rost ny							sure upload or	FracFoo	cus.org			
3,000 gal 15% HCL; 9,955 bbls of slickwater; 7,775 lbs 100 mesh; 122,387 lbs 40/70; 31,876 lbs 20/40 SLC	5910' - 62	263'																
28. Production - Interval A Date First Produced 3/31/18 4/8/18 24																		
Date First Produced 3/31/18 4/8/18 24 Test Date Production BBL MCF BBL Corr. API. Gas Gravity Deam pump Choke Size Flwg. SI Test Date Production - Interval B Date First Produced Test Date Production BBL MCF BBL Gravity Choke Size Flwg. SI Test Date Production BBL MCF BBL MCF BBL Gravity Test Date Production - Interval B MCF BBL MCF BBL Gravity Test Date Production BBL MCF BBL Gravity Test Date Production BBL MCF BBL Gravity Test Date Production Method beam pump ACCEPTED FOR RECORD ACCEPTED FOR RECORD ACCEPTED FOR RECORD Test Date Production Method Gravity Test Date Production BBL MCF BBL Gravity Test Date Production Method Gravity Test Date Production BBL MCF BBL Gravity Test Date Production BBL MCF BBL Gravity Test Date Production Method	4979' - 52	299.		3,0	ooo gal	15% H	CL; 9,955 DDIS	OT SIICK	cwater; 7,7	5 IDS 1	ou mesn;	122,3	887 IDS 40/7	0; 31,8	376 IDS 20/	40 SLC		
Produced 3/31/18 4/8/18 24 Production BBL A/8/18 24 Production BBL A/8/18 24 Production BBL A/8/18 25 Production Flwg. Size Flwg. SI Press. Size Flwg. Siz	28. Produc	tion - Interv	/al A															
3/31/18 4/8/18 24		Test Date										v	i		i	•		
Size Flwg. SI Press. Rate BBL MCF BBL Ratio 28a. Production - Interval B Date First Produced Produced Test Date Production BBL MCF BBL Oil Gas MCF BBL Corr. API. Choke Size Flwg. Size Flwg. Size Flwg. Size Flwg. Size Size Flwg. Size Size Size Flwg. Size Flwg		4/8/18			_		1 1		1			,	beam pun	пÞ				
SI				Press. Rate BBL MCF BBL Ratio		l	Well Status					<u>-</u>						
28a. Production - Interval B Date First Produced Test Date Hours Tested Test Date Hours Tested Dil Gas MCF BBL Corr. API. Oil Gravity Corr. API. Gas Gravity Corr. API. Oil Gas Gravity ULL 1 0 2018 Choke Flwg. Size Flwg. Size Flwg. Size Flwg. Size Flwg. CARI SRAD FIELD OFFICE	Size		Press.			BBL	MCF B	BBL	Ratio			Γ	ACCEPTE		ה בטף הבטטה		7	
Date First Produced Test Date Hours Tested Test Doil Gas MCF BBL Gas MCF BBL Corr. API. Oil Gravity Corr. API. Oil Gravity Corr. API. Oil Gas Gravity Froduction Method Froduction Method Froduction Method Well Status BUREAU OF LAND MAINGEMENT CARL SRAD FIELD OFFICE	28a Produ	action Inter	rual B									1	MILEP	<u>IFU</u>	FUR I	KEUUK		
Choke Size Flwg. Press. SI				Test	I	Dil							Production	Method	 		1	
Size Flwg. Press. Rate BBL MCF BBL Ratio BUREAU OF LAND MAINGEMENT CARL SRAD FLEID OFFICE	Produced		Tested	Produ	ction E	BBL	MCF	BBL	Corr. A	PI.	Gravit	y	لد ا	UL	10 20	18		
SI BUREAU OF LAND MANAGEMENT CARL SBAD FLEI D. OFFICE										ī	Well S	tatus	' ,// ,	401	Mo	apoli	,	
*(See instructions and spaces for additional data on page 2)	Size		Press.	Rate		BBL	MCF	RRL	Ratio						ND MAIN	GEMENT		
	*(See instr	L uctions and	spaces for	addition	nal data	on page	2)		<u> </u>		<u>.</u>	Ļ	CAR	LSBAD) <u> </u>	FFICE		

Reclamation Due: 9/31/2018

		10									
Date First	uction - Inte	Hours	Test	Oil	Gas	Water	lon c	Gravity	Gas	Production Method	
Produced	Test Date	Tested	Production		MCF	BBL		API.	Gravity	rioduction wednod	
Choke Size	Tbg. Press Flwg. SI	. Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/G Ratio		Well Status		
	uction - Inte			·	1		10		7	To	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Gravity . API.	Gas Gravity	Production Method	
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/ Ratio		Well Status		
29. Dispos	sition of Ga	s (Solid, us	sed for fuel, v	ented, etc.)				<u> </u>		
30. Summ	ary of Poro	us Zones (Include Aquit	ĉers):					31. Formatio	on (Log) Markers	
Show a	all importan	t zones of t	porosity and c d, cushion use	ontents the	ereof: Cored ol open, flow	intervals and a ring and shut-i	all drill-s in pressur	tem tests, res and			
		_									Тор
Form	nation	Тор	Bottom		Descrip	ptions, Conter	nts, etc.			Name	Meas. Depth
Yates	-	1229	1538						Rustler		300
Seven R	ivers	1538	1920						Top of Salt		386
Queen		2144	2181						Yates		1227
Grayburg	g	2181	2830						Grayburg		2181
Glorieta		4418	4437						San Andre	s ·	2830
Yeso		4400	6500						Glorieta		4380
32. Additi	ional remarl	s (include	plugging pro	cedure).							<u> </u>
										·	
33. Indica	te which ite	ms have b	een attached l	y placing	a check in t	he appropriat	e boxes:				
Z Elec	ctrical/Mecha	nical Logs (I full set req'd.)		Geologic Report	١ [DST Repo	rt	✓ Directional Survey	
			and cement veri			Core Analysis		Other:			
			R .	ached info	rmation is c	omplete and o				lable records (see attached inst	ructions)*
	_	e prifit) <u>Di</u>	aniel Jones				_	/ice Preside	ent		
	ignature	7						04/20/0208			
Title 18 U.S false, fictiti	S C. Section lous or fraud	1001 and ulent stater	Pitle 43 U.S C nents or repres	Section 1 sentations	212, make it as to any mat	a crime for an ter within its j	ny person urisdictio	knowingly a n.	nd willfully to	make to any department or age	ncy of the United States any

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

Dale H. Parke BTrC #26 990' FNL & 330' FEL A-15-175-30E

			1
	30-015-4	0082 Ed	dy, NM GL: 3699
	1281.1		K6: 370
171/2"	NY		
1112		13-3/8"/48/	440 STC @ 339.16' SPOLET, 750 SK;
	N	60 BBL Ge	spece, 750 sk
		CITC CINT	TX and (1) 405K Plug
11"			
	N	N 7	
		8-3/8 /24/155	STC.@ 1312.92'
	T	280 sx, Taili	STC@1312.92' n 250 5x, circ 186 5x
		N	3/23/2018 ferf Yeso 1 5910 - 6263(20) Frac w/ 10,559 bbls 5/kkwater carrying
	//		Frac w/ 10,559 bbls 5/kkwater carrying
	//	1/1	172,758 lbs of sand. Perf Yeso 2: 5382-578
	1/	N	172,758 lbs of sand. Pert Yeso 2: 5382-572 (23). Frac w/10,950 bbls slick water
·	/-		carrying 179,744 lbs of sand. Perf
			Yeso 3: 4979 - 5299, Frac W/ 9,955
			bbls slickwater carrying 162,018 lbs of
	1	DVTOOL	sond.
		0V TOO!	300.
	 		
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77/8	1 //		
170	- 		
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	14	- 	
	 	4479-52991	(A)
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	<u> </u>		
		6207	
		5382 - 5780 (2	3)
		5910 - 6263(2	
	1	5110 000362	
	V	Ø	
	1	15101/17/17	55 LTC@6346,481
	TO	(6350/ 12 Steet, 44	5/8x, circ 30 bbls @ DVTool 425sx; Tailin 98 ex, circ 32 bbb
		and dear	4. For To 1 in 99 or circ 32 LLL