Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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WELL	COMPL	LE HON OF	RECOMPL	_E HON	REPORT	AND LOG

B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 10790 TO 15400 gal fluid, 2677344# sand 28. Production - Interval A Date First Test Tested Production BBL Gas Water Corr. API Gravity 10/25/2013 11/25/2013 24 Hr. Oil Gas Water Ratio Toduced Tog. Press. Cag. 24 Hr. Oil Gas Water Production House First Production - Interval BBL Gas Water Ratio 28. Production - Interval A Date First Test Frest Production BBL Gas Water Gas Oil Well Status Date First Test Hours Test Ratio Toduced Date Test Production Oil Gravity Corr. API Gravity Production Method SEP 1 2014 Date First Test Hours Test Production Oil Gravity Corr. API Gravity Production Method SEP 1 2014 Date First Test Hours Test Production Oil Gravity Corr. API Gravity SEP 1 2014 Date First Test Hours Test Production Oil Gravity Corr. API Gravity SEP 1 2014 Date First Test Gravity September 1524 Date First Test Hours Test Production Oil Gravity Corr. API Gravity SEP 1 2014 Date First Test Gravity September 1524 Date First Test Gravity Septemb		WELL	JUNIFL	LETIONO	KKE	.COIVI	PLCI	HUN K	EPUR	II AND L	.OG	•		.ease Senai i NMNM3122			
Context Cont	7.1						_	Other								or Tribe Nam	ne
Authors (200 AND PRIMARINE DISTREET, SUITE 500 3s. Phone No. (included 1998 6 CO) Authors (300 AND PRIMARINE PLOS RECETS, SUITE 500 3s. Phone No. (included 1998 6 CO) Authors (300 AND PRIMARINE PLOS RECETS) Authors (300 AND PRIMARINE PLOS RECETS) Authors (300 AND PRIMARINE PLOS PRIMARINE) Authors (300 AND PRIMARINE)	b. Type of	? Completion	_		☐ Wor	rk Over		Deepen	☐ P!	lug Back	Diff. I	Resvr.	7. U	nit or CA A	greem	ent Name ar	nd No.
3. Asterns 600 NORTH MARRENELD STREET, SUITE 600 MIDDLAND, TX 79701 4. Location or Well (Repost location elearly and in secondance with Federal requirements)* A1 surface SWSW 330FSL 660FWL A1 surface SWSW 330FSL 660FWL A1 total depth NAWW 330FS	2. Name of	i Operator											8. L				
4. Loutin on AVGI (Report location clearly and in accordance with Federal requirements)* At surface SWSW 330FSL 660FWL At top prod interval reported below SWSW 330FSL 660FWL At top prod interval reported below SWSW 330FSL 660FWL At top and interval reported below SWSW 330FSL 660FWL At total depth NVMV 450FL 054FW. 15. Date TD Reached 16. Date Completed 17. Date TD Reached 18. Total Depth MD 15341								arex.com	Phone	No (include	HOR	& OCA	O A		_	0 FEDERA	L 1H
At surface SWSW 330FSL 660FW. At top ped interval reported below. Type of Comment. Size Depth Str (MD) Packer Depth (MD) Size Depth Str (MD) Packer Depth (MD		MIDLAND	D, TX 797	701		·							٠		30-02		
At top prod atterval reported below At top prod atterval reported below At top prod atterval reported below At top and below At top prod atterval reported below At top and below At top prod atterval reported below At total depth NMNW AGAIN BOAL 15. Date TD Reached 16. Date Completed 17. Date TD Reached 17. Date TD Reached 18. Total Depth 19. Plug Back TD. MD 17. Date TD Reached 19. Plug Back TD. MD 17. Date TD Reached 10. Dat		` .	•		id in acc	ordance	e with F	Pederal rec	quiremer	nts)*	SEP 1	13 501	410. F	Field and Po	ol, or	Exploratory	
At 10tal depth NNAW year-No. 564-Wi.					- 20		~.,			<u> </u>				Sec., T., R.,	M., or	Block and S	Survey
14. Date Spunded 15. Date T.D. Reached 16. Date Completed 17. Elevations (OF, K.R. K.T., G.L.)* 18. Total Depth:		rod interval redepth NW	eported be	elow SVVS 24 FNL 654FV	3W 331 12 VL)FSL o	60FVv∟	-			RE	CEIVE	12. (County or Pa		13. Stat	nte
18. Total Depth	14. Date Sp	pudded		15. Da	ate T.D.		ed be			(&A Î⊠I		Prod.		Elevations ((B, RT, GL)*	
New		•	TVD	11126	6				MD)		20. Der	oth Bri	0. 0		TVD	
	21. Type E NEUTF	lectric & Othe RONLOG;LA	er Mechar	nical Logs Ru	un (Sub	mit copy	y of eac	ch)			Was	s DST run?	?	🛛 No 🔝	☐ Yes	es (Submit an	nalysis)
17.500	3. Casing ar	nd Liner Reco	ord (Repc	on all strings			<u> </u>							-	<u> </u>		
12.250		<u> </u>		· · · · ·	(MI	D)	(MD))) 1			of Cement	(BB		Cement	•	 	t Pulled
24. Tubing Record 25. Pepth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (M		<u> </u>								-				 		· · · · · · · · · · · · · · · · · · ·	
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Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	24. Tubing	Record			<u> </u>	<u> </u>								<u> </u>		<u></u>	
25. Production Top	Size	Depth Set (M		acker Depth	(MD)	Size	ε Γ	Depth Set ((MD)	Packer Der	pth (MD)	Size	D	epth Set (M	(D)	Packer Der	oth (MD)
Size No. Holes Perf. Status						<u> </u>	Д,	ac Parfe				<u> </u>			\Box		
A) BONE SPRING WEST				Top	$\overline{}$	Bott					$\overline{}$	Size		No Holes	$\overline{}$	Porf Stat	
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 10790 TO 15400 gal fluid, 2677344# sand Test Production - Interval A Date First John Frest John Gas John John Gas John John John John John John John John			NEST		107 <u>90</u>				Persona		154 <u>00</u>	اق	1		OPE		us
D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval A 28. Production - Interval A Date First Test Date Tested Date Tested Date Tested Tools (Gravity Corr. APT Cravity Tools (Gravity Gravity Tools (Gravity Gravity Tools (Gravity Gravity Gravity Tools (Gravity Gravity Gravity Tools (Gravity Gravity Gravity Gravity Gravity Gravity Gravity Gravity (Gravity Gravity Gravi	В)				\Box						\Box		1				
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 10790 TO 15400 gal fluid, 2677344# sand 28. Production - Interval A Date First Toduced Date Togs Press. Flug. 150 Press. Flug. 150 Press. Production - Interval BBL Gas BBL Gas BBL Gas BBL Gas Gas Oil Gravity Gas Corr. APT Gravity Gas Production Method Gas Date First Produced Date First Production Method SEP Date First Production Method Gas Water BBL Gas Oil Gravity Gas Gas Oil Gravity Gas Gas Oil Gravity Gas Date First Production Method SEP Date First Production Method SEP Date First Production Method SEP Date First BBL MCF BBL Gas Oil Gravity Gas Oil Gravity Gas Date Date First BBL MCF BBL Gas Oil Gravity Gas Date Date Date Date Date Date Date Date	C)		_+										+		—		
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10790 TO 15400 gal fluid, 2677344# sand 28. Production - Interval A Date First Test Date Trested Date Tested Production McF BBL MCF BBL Gas Oil Gravity 10/25/2013 11/25/2013 24		Depth Interva	al							Amount and	l Type of	Material					
28. Production - Interval A Date First Test Date Test Hours Production BBL Gas BBL Gas Oil Gravity 10/25/2013 11/25/2013 24 Choke Tbg. Press. Plwg. 150 Press. Plwg. 150 Press. Plwg. 150 Gas BBL MCF BBL Ratio A50.0 Gas Water Gas Oil Ratio A50.0 Gas Water BBL Ratio A50.0 Gas Water Gas Oil Ratio				400 gal fluid	, 267734	44# sand	d					A. C. M.		- + 37 'E.			
28. Production - Interval A Date First Test Date Tested Date Tested Production BBL MCF BBL Gravity Corr. API Gravity Co				—										I.A.W.		19 DIN	
Date First Produced Date Test Date Tested Production DBL DC Orr. API DBL Corr. API Gravity Production Method Gravity DBL Corr. API Gravity Production Method Gravity DBL Corr. API Gravity Production Method Gravity DBL				 		<u> </u>											
Produced Produced Date Tested Production BBL A50.0 686.0 305.0 Gravity 10/25/2013 11/25/2013 24		· · · · · ·									12.				_		
Thoke Tbg. Press. Csg. Press. Rate BBL MCF BBL Ratio A8/64 SI 70.0 Test Production - Interval B Date First Produced Date Tested Production BBL MCF BBL Gas: Oil Gravity Corr. API Gravity SEP Choke Tbg. Press. Csg. Press. Press. Press. Press. Press. Size Flwg: Press. Size Flwg: Press. Size BLM REVISED **	Date First Produced	Date	Tested		BBL	MC	ICF	BBL	Co				Product	ion Method	_		
A8/64 SI 70.0 Rate BBL MCF BBL Ratio BBL Gas BBL Gravity Gas Gravity SEP Corr. API Gravity	10/25/2013		+	124 Hr	+	-				01	- Wel	Touthel 1			GAST		7777
Date First Test Date Hours Tested Production BBL Gas MCF BBL Corr. API Gas Gravity Corr. API Gas Gravity Corr. API Gas Gravity SEP 1 2014 Choke Tog. Press. Flwg.' Press. SI Press. SI Production Method SEP 1 2014 See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #232578 VERIFIED BY THE BLM WELL INFORMATION SYSTEM *** BLM REVISED *** BLM REVISED *** BLM REVISED *** BLM REVISED *** *** BLM REVISED *** BLM REVISED *** *** *** *** *** *** *** **	Size	Flwg. 150	Press.		BBL	М	ICF	BBL	Ra	atio		HUU	<u>'LT'</u>	ILUI	TUt	1 KEU	'UKD
Tested Production BBL MCF BBL Corr. API Gravity SEP 1 2014 Choke Tog. Press. Csg. Press. Press. SI Press.		T -		<u> </u>	7371			Inv.sar			Icas		T	********		!	<u> </u>
Size Fivg: Press. Rate BBL MCF BBL Ratio See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #232578 VERIFIED BY THE BLM WELL INFORMATION SYSTEM *** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED *** *** BLM REVISED *** BLM REVISED ***	Date First Produced	Date		Production	BBL	М	1CF	BBL	Co	orr. API	Gravi	vity	Progue.			2014	
See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #232578 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **-BLM-REVISED **	Choke Size	Flwg.									Well			LG	<u>,</u>	5_	
La	See Instruct	NIC SUBMI	BSION #2	#232578 VER	RIFIED) BY TH	HE BLM	M WELL	INFOR	MATION S	YSTEM BLM RE	1	Z .,		Hilu	J UFFIČE	
SEP 19															1/	A,	
														Î	<i>~</i> .	SE	EP 19

28b. Produ	uction - Interv	al C												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	y .	Production Method	l			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status	itus				
00 P 1	SI	<u> </u>		•			<u> </u>		·					
	uction - Interv	.,					_			Production Method				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	ty					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status					
29. Dispos SOLD	sition of Gas(Sold, used	for fuel, ver	red, etc.)	- <u>J</u>			L <u>.</u>		··		•		
30. Summ	ary of Porous	Zones (In	nclude Aquif	ers):					31. For	mation (Log) M	Narkers			
tests, i	all important including dept coveries.	zones of p th interval	orosity and o	contents the on used, tin	reof: Core ne tool ope	d intervals and a en, flowing and	all drill-stem shut-in pressure	s						
-	Formation		Тор	Botton	ı	Description	ns, Contents, etc	i.		Name	i.	Top Meas, Depth		
						•			DE BO	5120 8903				
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32. Additi	ional remarks	(include p	lugging prod	cedure):					<u>. </u>	_		1		
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	enclosed atta		(1.6.11			• • • • • • • • • • • • • • • • • • • •	.	 	D.C. =			1.0		
Electrical/Mechanical Logs (1 full set req'd.) Sundry Notice for plugging and cement verification					n	 Geologic Core Ana 	•		3. DST Report 4. Directional Survey 7 Other:					
34. I herel	by certify that	the forego	-			-	rect as determin				tached instruct	ions):		
				For CIM	AREX EN	VERGY COMI	I by the BLM V PANY OF CO, RRY BLAKLEY	sent to the	Hobbs					
Name	(please print)	HOPE K						REGULATO				····		
Signat	ture	(Electro	nic Submis	sion)			Date <u>0</u>	1/21/2014	ļ			· · · · · · · · · · · · · · · · · · ·		