Form 3160-4

## UNITED STATES

## **OCD Artesia**

FORM APPROVED

BUREAU OF LAND MANAGEMENT										Expires July 31, 2010  5. Lease Serial No. NMLC058362					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG															
1a. Type of Well ☐ Gas Well ☐ Dry ☐ Other											6. If Indian, Allottee or Tribe Name				
b. Type of	f Completion	<b>⊠</b> <sup>N</sup>	ew Well	□ Work	Over	Deeper	n 🗆 PI	ug Back	Diff.	Resvr	7 77				
		Othe	r				_				N	IMNM111	789X	ent Name and N	0.
COGC	f Operator PERATING			-	ckson@	act: CHAS concho.co	ITY JACK om	SON				ase Name ODD FEI		ell No L UNIT 648	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701  4. Location of Well (Report location clearly and in accordance with Federal requirements)  At surface NWSE 2310FSL 1650FEL											9. API Well No. 30-015-39607-00-S1				
4. Location	of Well (Rep	port locati	on clearly an	d in accor	dance w	th Federal	requireme	TS)RE	CEI	VED	10. I	ield and P ODD - GI	ool, or ORIE	Exploratory TA-UPPER YE	so
							1		R 28		114. 5	Sec., T., R., r Area Se	, M., or	Block and Surv 17S R29E Me	ey NMP
	orod interval r depth NW	•			SL 103	UFEL		MΑ	K & O	2012.	12. (	County or F		13. State NM	
	•	OL 2510		ate T.D. Re	ached		116 Da	ite Complete	ed~	<u>- 150</u> 1	P. 3		(DF K	B, RT, GL)*	
				/04/2012	aciica		□ D D	Date Completed— D & A Ready to Prod. 01/31/2012				36	35 GL	<i>D</i> , K1, <i>GD</i> )	
18. Total D	Depth <sup>.</sup>	MD TVD	4586 4586	1	Plug	Back T.D.:	MD TVD	45	04 04	)4 20. De				MD TVD	
21. Type E	lectric & Oth	er Mechai	nical Logs R	un (Submi	copy of	f each)				s well core	d?	No No	□ Yes	s (Submit analys	is)
	ENSATEDN									s DST run ectional St	! irvey?	No No	Yes	s (Submit analys s (Submit analys s (Submit analys	1S) 1S)
23. Casing a	nd Liner Rec	ord <i>(Repo</i>	rt all strings		<u> </u>	In		1 .,	601 0	Lou					
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)		ttom Sta ИD)	ge Cement Depth		of Sks. & of Cement	Slurry t (Bl	y Vol. BL)	Cement	Top*	Amount Pul	led
17.500	13.3	75 H-40	48.0		0 .	289			41	00			0		
11.000		325 J-55	24.0		0	1191				00			0		
7.875	5.5	500 J-55	17.0		<u> </u>	4560		ļ	9(	00			0		
											45 45 4				
				l						<i> </i>	<b>ICCE</b>	natag	<b>TOT</b>	Irecora -	
										<i>F</i>	<b>NCC</b>	POTEC	<u>101</u>	record	hahd
24. Tubing	Record									<i>F</i>	ACCE	NM(	TOT DCE	record	29/20
Size	Depth Set (M		acker Depth	(MD)	Size	Depth Se	t (MD)	Packer Dep	pth (MD)	Size		NM( pth Set (M	CE	Packer Depth (	129/d MD)
Size 2.875	Depth Set (M	1D) Pa	acker Depth	(MD)	Size				pth (MD)			NM(	CE	165	129/d MD)
Size 2.875 25. Produci	Depth Set (M		· · · · · · · · · · · · · · · · · · ·				foration Re	cord	pth (MD)	Size	·De	pth Set (M	CE	Packer Depth (I	24 24  MD)
Size 2.875 25. Produci	Depth Set (M	4169	Тор		Size Bottom 435	26. Per	foration Re	cord d Interval	pth (MD)	Size	·De	pth Set (M		165	129/20 MD)
Size 2.875 25. Produci	Depth Set (Management of Management of Manag	4169	Тор		Bottom	26. Per	foration Re	cord d Interval		Size	.De	pth Set (M		Packer Depth (I	129/20 MD)
Size 2.875 25. Produci Fo	Depth Set (Management of Management of Manag	4169	Тор		Bottom	26. Per	foration Re	cord d Interval		Size	.De	pth Set (M		Packer Depth (I	129/20 (MD)
Size 2.875 25. Produci Fo A) B) C) D)	Depth Set (Management (Management)) Ing Intervals Ormation PADD	90CK	Тор	4100	Bottom	26. Per	foration Re	cord d Interval		Size	.De	pth Set (M		Packer Depth (I	Izgla MD)
Size 2.875 25. Produci  A)  B)  C)  D)  27. Acid, Fr	Depth Set (Management of Management of Manag	OOCK ment, Cer	Тор	4100	Bottom	26. Per	foration Re Perforate	cord d Interval 4100 T	O 4350	Size Size 0.4	.De	pth Set (M		Packer Depth (I	129/d
Size 2.875 25. Produci  A)  B)  C)  D)  27. Acid, Fr	Depth Set (Management of Management of Manag	OOCK ment, Certal	Top Top	4100	Bottom 435	26. Per	foration Re Perforate	cord d Interval 4100 T	O 4350	Size Size 0.4  Material	De	pth Set (M		Packer Depth (I	Jeja VID)
Size 2.875 25. Produci  A)  B)  C)  D)  27. Acid, Fr	Depth Set (Management of Management of Manag	DOCK ment, Certal 00 TO 43	Тор	4100 e, Etc.	Bottom 435	26. Per	foration Re Perforate	cord d Interval 4100 T	O 4350	Size Size 0.4  Material	De	pth Set (M		Packer Depth (I	
Size 2.875 25. Produci  A)  B)  C)  D)  27. Acid, Fr	Depth Set (Management of Management of Manag	DOCK ment, Certal 00 TO 43	Top  ment Squeeze	4100 e, Etc.	Bottom 435	26. Per	foration Re Perforate	cord d Interval 4100 T	O 4350	Size Size 0.4  Material	De	pth Set (M		Packer Depth (I	199 d
Size 2.875 25. Produci Fo A) B) C) D) 27. Acid, Fo	Depth Set (Management of Management of Manag	ment, Cer al 00 TO 43	Top  ment Squeeze	4100 e, Etc.	Bottom 435	26. Per	foration Re Perforate	cord d Interval 4100 T	O 4350	Size Size 0.4  Material	De	pth Set (M		Packer Depth (I	
Size 2.875 25. Produci Fo A) B) C) D) 27. Acid, Fi 28. Product	ng Intervals ormation PADD racture, Treat Depth Interval 41 41	Ment, Ceral 00 TO 43	Top  ment Squeeze 350 FRAC W	4100 2, Etc. W/104,342 (EW/2,000 (	Bottom 435 GALS GE	26. Per 50 EL, 110,307; % ACID	foration Re Perforate	Amount and	O 4350	Size O.4  Material 16/30 CRO	10 Pe	pth Set (M		Packer Depth (I	
Size  2.875  25. Product  For A)  B)  C)  D)  27. Acid, For Acid,	Depth Set (Management of Management of Manag	Ment, Ceral 00 TO 43 A Hours Tested	Top  ment Squeeze	4100 e, Etc. W/104,342 ( E W/2,000 (	Bottom 435  GALS GE GALS 15	26. Per 50 EL, 110,3076 % ACID	foration Re Perforate  # 16/30 BRG	Amount and	O 4350	Size Size 0.4  Material 16/30 CRC	10 Pe	ppth Set (M	OCE (D) OPE	Packer Depth (I	N 2
Size  2.875  25. Product  A)  B)  C)  D)  27. Acid, Fi  Date First Produced  03/09/2012	pepth Set (Management of Management of Manag	ment, Certal 00 TO 43 00 TO 43 A Hours Tested 24	Top  ment Squeeze  850 FRAC W  850 ACIDIZE  Test Production	4100 e, Etc. V/104,342 ( E W/2,000 (	Bottom 435  GALS GE GALS 15  Gas MCF 105	26. Per 50	Foration Re Perforate  # 16/30 BRO	Amount and DWN SAND	Gas Grav	Size Size 0.4  Material 16/30 CRC	10 Pe	ppth Set (M	OCE (D) OPE	Packer Depth (I	N N
Size  2.875  25. Product  For A)  B)  C)  D)  27. Acid, First  Produced  03/09/2012  Choke	Depth Set (Management of Management of Manag	Ment, Ceral 00 TO 43 A Hours Tested	Top  ment Squeeze  850 FRAC W  850 ACIDIZE	4100 e, Etc. W/104,342 ( E W/2,000 (	Bottom 435  GALS GE GALS 15	26. Per 50 EL, 110,307; % ACID Water BBL Water BBL	Foration Re Perforate  # 16/30 BRO	Amount and OWN SAND  Gravity T API 39 5	Gas Grav	Size Size 0.4  Material 16/30 CRC	10 Pe	ppth Set (M	OCE (D) OPE	Packer Depth (I	Jeja Jorian None
Size  2.875  25. Product  A)  B)  C)  D)  27. Acid, Fi  28. Product  Date First  Produced  03/09/2012  Choke Size	Depth Set (Management of Management of Manag	A  Hours Tested 24  Csg Press 70.0	Top  ment Squeeze  350 FRAC V  350 ACIDIZE  Production  24 Hr	4100 2, Etc. W/104,342 ( E W/2,000 ( Oil BBL 75 0	Gas MCF 105	26. Per 50 EL, 110,307; % ACID Water BBL Water BBL	Perforate Perforate  Parforate  Oil Cor Cor Gas Rat	Amount and DWN SAND  Gravity T API 39 5	Gas Grav	Size  Size  0.4  Material 16/30 CRC	10 Pe	ppth Set (M	OCE (D) OPE	Packer Depth (I	DORE
Size  2.875  25. Product  A)  B)  C)  D)  27. Acid, Fi  28. Product  Date First  Produced  03/09/2012  Choke Size  28a. Product  Date First	Depth Set (Management of Management of Manag	A  Hours Tested 24  Csg Press 70.0  B Hours	Top  Top  Top  Stop  Test  Production  24 Hr  Rate  Test	4100 2, Etc. W/104,342 ( E W/2,000 ( Oil BBL 75 0 Oil BBL 75	Gas MCF 105 Gas MCF 100 Gas MCF 100 Gas	26. Per 50	Foration Re Perforate  Perforate  16/30 BRO  Oil Cor  Gas Rat  82	Amount and OWN SAND  Gravity T API 39 5 Oll 10 1400	d Type of , 20,221#  Gas Grav  Well	Size  Size  0.4  Material 16/30 CRO  Status  POW	Producti	PRECEDUE	OCE (D) OPE	Packer Depth (I	DORI
Size  2.875  25. Product  A)  B)  C)  D)  27. Acid, Fi  28. Product  Date First Produced 03/09/2012  Choke Size	Depth Set (Management of Management of Manag	AHOURS Tested 24 Csg Press 70.0 all B	Top  ment Squeeze  850 FRAC W  850 ACIDIZE  Production  24 Hr  Rate	4100 e, Etc. W/104,342 ( E W/2,000 ( Oil BBL 75 0 Oil BBL 75	GALS GE GALS 15  Gas MCF 105  Gas MCF 100	26. Per 50	Foration Re Perforate  Perforate  16/30 BRO  Gas Rat  Oil Cor	Amount and ODWN SAND  Gravity T API 39 5 Goll 1400	d Type of , 20,221#	Size  Size  0.4  Material 16/30 CRO  Status  POW	Producti	PRECEDUE	OCE (D) OPE	Packer Depth (I	DORE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #133196 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

\*\* BLM REVISED \*\*

285. Prod	uc≛ion - Inter	val C											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Grav		Production Method			
	m 5			-									
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Wei	l Status	•			
28c. Prod	uction - Inter	val D		<u> </u>									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Grav		Production Method	٠,		
Choke Size	e Tbg Press Csg 24 Hr Oil Flwg Press Rate BBL				Gas MCF	Water BBL	Gas Oil Ratio	Wel	l Status	<u> </u>			
29. Dispo	sition of Gas	(Sold, usea	for fuel, ver	ted, etc.)				1					
	nary of Porou	s Zones (Ir	iclude Aquif	ers)·				•	31. For	mation (Log) Mai	rkers		
tests,	all important including dep ecoveries.	t zones of poth interval	orosity and o tested, cush	contents ther ion used, tim	eof: Corec e tool ope	d intervals and en, flowing an	l all drill-stem d shut-in pressui	res					
Formation			Тор	Bottom		Descriptions, Contents, etc.				Name		Top Meas. Depth	
	DRES		302 714 1028 1902 2601 4024 4133	895	S. S. D.	OLOMITE & ANDSTONE	& DOLOMITE LIMESTONE		SA YA QL SA GL	STLER LADO TES JEEN N ANDRES ORIETA SO	,	302 714 1028 1902 2601 4024 4133	
					,		,						
1. Ele	<ul> <li>33 Circle enclosed attachments:</li> <li>1. Electrical/Mechanical Logs (1 full set req'd.)</li> <li>2. Geologic Report Sundry Notice for plugging and cement verification</li> <li>6. Core Analysis</li> </ul>								t 3. DST Report 4. Directional Survey 7 Other:				
34. I here	by certify tha		Elect	ronic Submi For	ission #13 · COG OI	3196 Verifie PERATING	orrect as determined by the BLM V LLC, sent to the	Well Infor ie Carlsba	mation Sy d		ched instruction	ons).	
Name	(please prini	CHASIT	Y JACKSO	N	, 		Title <u>F</u>	PREPARE	ER	• ••			
Signature (Electronic Submission)							Date C	Date 03/16/2012					
Title 18 U	J S C. Section ited States an	n 1001 and v false, fic	Title 43 U.S	.C. Section I	212, mak	e it a crime for	or any person kno as to any matter	owingly an	id willfully	to make to any d	epartment or a	agency	