Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

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18. Top of Weil		WELL	COMP	LETION (OR RE	COM	IPLETI	ON R	₽₽₽₽₽		L þ)nv ^{F3}					
Dept. Plug Back Diff. Revr.	la. Type o	f Well 🛱	Oil Wel	l □ Gas	Well	□ Dr	у П	Other				VU	I d				r Tribe Name	
2. Name of Operator COMPANY OF GEMail: aceastering @ of orienex.com CIMAREX ENERGY COMPANY OF GEMail: aceastering @ orienex.com NDLAND, TX 78701 3. Address 500 NORTH MARIENPELD STREET, SUITE 600 Sp. 98-918-9565-10040 4. Location of Will Report Jocations clearly and in accordance with Federal requirements)* At surface NWNE 300 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL At top prod interval reported below NWNE 330 FNL 2055 FEL 15. Date TWD 13970 19. Plug Back T.D. MD 13970 19. Plug Back T.D. ND 139						_	-		□ Pl	ug Back	☐ Dif	f. Resv	vr.					
Address 600 NORTH MARIFLENEED STREET, SUITE 600 Ph. 918-565-110gOBS Ph. 918-565-11														7. Unit or CA Agreement Name and No.				
4. Location of Well (Report Deaston Cearly and in accordance with Federal requirements)* At surface NWNE 330FNL 2055FEL At top 1 deph SWSE 350FNL 2043FEL 16. Date Spudded of 1/22/2015 17. Evaluation of Well (Part of the Mechanical Logs Run (Submit cupy of each) 18. Total Deph TVD 13970 19. Plug Back T.D. MD 13967 20. Depth Bridge Plug Set: MD 1/22/2015 17. Type Electric & Other Mechanical Logs Run (Submit cupy of each) 21. Type Electric & Other Mechanical Logs Run (Submit cupy of each) 22. Was well cured? 23. Casing and Liner Record (Report all strings set in well) 17. Elevations (DF, KB, RT, GL)* 24. Tubing Record 25. Evaluation of Well (MD) 26. Stool 9. 9c25 JS55 40.0 27. Stool 9. 9c25 JS55 40.0 28. Sool 5. 500 P110 17.0 28. Stool 9. Sool P110 17.0 29. Stool 9. Sool P110 17.0 29. Stool 9. Sool P110 17.0 20. Tubing Record 20. Perforation Record (Reput all strings set in well) 26. Perforation Record (Reput all strings set in well) 27. Tubing Record (Reput all strings set in well) 28. Sool 9. Sool P110 17.0 29. Sool 9. 9c25 JS55 40.0 29. Perforation Record (Reput all strings) 29. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. Sool 9. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Sool 9.	Name of Operator Contact: ARICKA EASTERLING CIMAREX ENERGY COMPANY OF ŒMail: aeasterling@cimarex.com												8					
4. Location of Well (Report Deaston Cearly and in accordance with Federal requirements)* At surface NWNE 330FNL 2055FEL At top 1 deph SWSE 350FNL 2043FEL 16. Date Spudded of 1/22/2015 17. Evaluation of Well (Part of the Mechanical Logs Run (Submit cupy of each) 18. Total Deph TVD 13970 19. Plug Back T.D. MD 13967 20. Depth Bridge Plug Set: MD 1/22/2015 17. Type Electric & Other Mechanical Logs Run (Submit cupy of each) 21. Type Electric & Other Mechanical Logs Run (Submit cupy of each) 22. Was well cured? 23. Casing and Liner Record (Report all strings set in well) 17. Elevations (DF, KB, RT, GL)* 24. Tubing Record 25. Evaluation of Well (MD) 26. Stool 9. 9c25 JS55 40.0 27. Stool 9. 9c25 JS55 40.0 28. Sool 5. 500 P110 17.0 28. Stool 9. Sool P110 17.0 29. Stool 9. Sool P110 17.0 29. Stool 9. Sool P110 17.0 20. Tubing Record 20. Perforation Record (Reput all strings set in well) 26. Perforation Record (Reput all strings set in well) 27. Tubing Record (Reput all strings set in well) 28. Sool 9. Sool P110 17.0 29. Sool 9. 9c25 JS55 40.0 29. Perforation Record (Reput all strings) 29. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Perforation Record (Reput all strings) 20. Sool 9. Sool 9. Perforation Record (Reput all strings) 20. Sool 9. 9c25 JS5 40.0 20. Sool 9.	3. Address				TREET,	, SUITI	E 600	3a.	Phone I	No. (includ	e area-co	de D)) 9). API W	Vell No		25_40771_00_\$	1
At surface NWNE 330FNL 2055FEL At top prod interval reported below NWNE 330FNL 2055FEL At top prod interval reported below NWNE 330FNL 2055FEL At top prod interval reported below NWNE 330FNL 2055FEL At tool depth SWSE 350FSL 2043FEL At tool 13,375 J55 S 48.0 At tool 14,40 Size Size/Grade At tool 14,	Location		<u> </u>		nd in acc	ordanc	e with Fed		•									
A total depth SWSE 399FSL 2043FEL 15. Date T.D. Reached 16. Date Completed 17. Elevations (UP, KR, RT, GL)* 17. Elevations (UP, KR, RT, GL)* 18. Total Depth TVD 9701 19970 19970 19. Plug Back T.D.: MD 13967 20. Depth Bridge Plug Set: TVD 1700 1701 1970	At surface NWNE 330ENI 2055EEI												115	DIAMONDTAÍL ,				
At total depth SWISE 59FSL 2043FEL 15. Date TD. Reached 02/09/2014 16. Date Completed 17. Elevasions (IDF, KB, RT, GL)* 3724 GL 18. Total Depth MD 13970 19. Plug Back TD TVD 13967 20. Depth Bridge Plug Set: MD TVD TVD 13967 20. Depth Bridge Plug Set: MD TVD TV		•			NE 330	FNL 20	055FEL			W,	AI »	Ü	L'	or Area Sec 23 T23S R32E Mer NN				NMF
18. Total Depth: MD	At total	depth SW	- /SE 359F	SL 2043FE	L						nt(:EIVI	ED 1		ity or P	arish		
18. Total Depth: MD	14. Date S ₁	pudded					ed	16. Date Completed 17. Elevations (I							DF, KI	3, RT, GL)*		
TVD	U 1/23/2	2015		02	709/201	4			02/	12/2015	Ready t	o Prod	l. 		37,	24 GL		
3724 GL	18. Total D	Depth:						Г.D.:				20). Depth					
Directional Survey			ner Mecha	nical Logs R	un (Subi	nit cop	y of each)	······						1	No No			
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Stage Cementer Depth Type of Cement	3724 0	IL								•					10			
Hole size Size/Frade Wt. (#Rt.) (MD) MD) Depth Type of Cement (BBL) Cement Top Amount Pulled	23. Casing a	nd Liner Rec	ord (Repo	ort all strings	set in w	ell)												
12.250	Hole Size	Size/G	Wt. (#/ft.)				1 ~		li .			-	1 (6	ement 7	Гор*	Amount Pull	ed	
S.500	17.500	13.	48.0	0		1340	1340		10		050					289		
24. Tubing Record	12.250	9.	40.0			. 4920			1400							262		
24. Tubing Record	8.500	500 5.500 P110		17.0			13970			185		_			1550			0
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	5.500	5.500 3.500 L80		13.0	9015		12500	<u> </u>		ļ	175				9030			
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)		<u> </u>										+		+			1	
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	24 Tubing	Record		L				<u></u>		<u>. L</u>		1		l				
2.375 9010 8998 26. Perforation Record 27. Acid. Final Perforation Record 28. Perf. Status 28. Perf. St	T		(D) P	acker Denth	(MD)	Size	Den	th Set (N	(ID)	Packer De	oth (MD) [Size	Depth 5	Set (MI	D)	Packer Depth (M	ID)
26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status				ucker Dopan		0	235	501 (1	,,,	Lucko, Do	our (IVIZ	1		Бории	301 (1.11	-	actor Dopar ()
A) BONE SPRING							26	. Perfora	tion Rec	ord								
B	Fo	ormation		Тор		Botto	om	m Perforated Inter				erval Size			Ioles	Perf. Status		
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 9875 TO 12445 FRAC WITH 3,977,574 GAL FRAC FLUID & 3,981,950 # SAND. 12566 TO 13940 FRAC WITH 2,382,748 GAL FRAC FLUID & 2,321,807 # SAND. 28. Production - Interval A Date First Productd Date 102/12/2015 102/23/2015 102/23/2015 102/23/2015 102/23/2015 102/2016 103/2016 103/20	A) BONE SPRING			9875		13940			9875 TO 12		445 0.0		00 384 OPE		OPEN	N (17644) BS		
D Diterval Amount and Type of Material 9875 TO 12445 FRAC WITH 3,977,574 GAL FRAC FLUID & 3,981,950 # SAND. 12566 TO 13940 FRAC WITH 2,382,748 GAL FRAC FLUID & 2,321,807 # SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND. SAND	В)									13940	13940 0.0			342	OPEN	EN		
Amount and Type of Material Amount and Type of Material 9875 TO 12445 FRAC WITH 3,977,574 GAL FRAC FLUID & 3,981,950 # SAND.	C)														,			
Depth Interval 9875 TO 12445 FRAC WITH 3,977,574 GAL FRAC FLUID & 3,981,950 # SAND. 12566 TO 13940 FRAC WITH 2,382,748 GAL FRAC FLUID & 2,321,807 # SAND. 28. Production - Interval A Date First Poduction Date Production BBL Gas Water Gravity Corr. API Gravity Gravity Gravity Gravity Corr. API Gravity Corr. API Gravity Corr. API Gravity Gravi	D)			. 7			L						•					
9875 TO 12445 FRAC WITH 3,977,574 GAL FRAC FLUID & 3,981,950 # SAND. 12566 TO 13940 FRAC WITH 2,382,748 GAL FRAC FLUID & 2,321,807 # SAND. 28. Production - Interval A Date First Produced Date Press. Flwg. 680 Press. Flwg. 680 Press. Flyg. 680 Press. Flyg. 680 Press. Production Produ				nent Squeeze	e, Etc.						1 T	£ N / - + -		· ·				
12566 TO 13940 FRAC WITH 2,382,748 GAL FRAC FLUID & 2,321,807 # SAND.				145 EBAC V	/ITH 3 97	77 574 (GAL FRAC	: FLUID				i Male	i i ai	 .				
28. Production - Interval A Date First Test Date Date Date Date Date Date Production 24 Date Five BBL Date Five BBL Date First BBL Date First Date Date Date Date Date Date Date Dat																		
Date First Produced Date Date Date Date Date Date Date Date					·													
Date First Produced Date Date Date Date Date Date Date Date																		
Thoke Press. Flwg. 680 Press. 670.0 Csg. Press. 670.0 Csg. 670.0 C	28. Producti	ion - Interval	A															
Thoke Press. Flwg. 680 Press. 670.0 Csg. Press. 670.0 Csg. 670.0 C	Date First Produced			1										duction Me	thod-	D I	SEVUEL	١١
Flvg. 680 Press. Rate BBL MCF BBL 1151 2146 POW	02/12/2015				508.0 Oil Oil			1151.	0	44.2		MU	ULI	ILU I UGAS L			計していて	
18 SI 670.0 508 1090 1151 2146 POW 28a. Production - Interval B Date First Produced Date Tested Production BBL Gas MCF BBL Corr. API Gravity	Choke										l Wel							
Date First Produced Date Test Date T					ı				I Nauk			POW	/		gen.			
Troduced Date Tested Production BBL MCF BBL Corr. API Gravity JUNIAN ACT MENT Corr. API Gravity Well Status UKEAU UF LAND MANAGEMENT CARL SEAD FIFT DOFFICE	28a. Produc	tion - Interva	ıl B										İ	MAY	7	201	5	
ize Fivg. Press. Rate BBL MCF BBL Ratio CARLSBAD FIFLD OFFICE	Date First Produced												Pro	duction Me	thod	nea	w	
ize Fivg. Press. Rate BBL MCF BBL Ratio CARLSBAD FIFLD OFFICE	71. 2	The Derry	Con		0:1			Water		Oil	J.	II Stanie	(1197 F //	1 11-1	<u> </u>	MAN	DE MERLI	+
	Choke Size	Flwg.									l We	n ətatus)						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #298249 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

28h Produ	uction - Interv	al C										
ate First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production Method		
roduced			Production	BBL	MCF	BBL	Corr. API		Gravity			
hoke ize	Tbg. Press. Flwg. SI	Flwg. Press. Rat		Oil Gas BBL MCF		Water BBL	Gas:Oil Ratio		Well Status			~
28c. Produ	uction - Interv	al D		<u> </u>	•	1		<u></u> 1				
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		
hoke ze	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status			_
29. Dispos	sition of Gas(S	Sold, use	d for fuel, ven	ted, etc.)								
30. Summa Show a tests, ir	ary of Porous	zones of	include Aquife porosity and c I tested, cushic	ontents there	eof: Cored in tool open,	ntervals and flowing and	l all drill-stem d shut-in press	sures	31. F	ormation (Log) Ma	rkers	
I	Formation		Тор	Bottom		Description	ons, Contents,	ntents, etc. N				Top Meas. Dept
BELL CANYON CHERRY CANYON BONE SPRING			4980 5835 8750	5835 7180 9975	WA:	TER TER TER, OIL,	GAS		RUSTLER TOP OF SALT DELAWARE BONE SPRING			1208 1346 4925 8824
32. Additic	onal remarks ((include	plugging proce	edure):					!			<u>.</u>
			·									:
1. Elec		nical Log	gs (1 full set re	•		2. Geologic 5. Core An	-		3. DST R 7 Other:	eport .	4. Direction	nal Survey
34. I hereb	by certify that	the foreg	Electi	onic Submi For CIMA	ssion #2982 REX ENEF	49 Verifie RGY COM	rrect as deterned by the BLM PANY OF CONDA JIMEN	I Well Ind O, sent to	formation S o the Hobbs	3	ched instructio	ns):
Name()	(please print)	ARICKA	A EASTERLII	NG			Title	ė <u>REGUL</u>	_ATORY A	NALYST		•
Signatu	ure	(Electro	nic Submissi	on)	· · · · ·		Date	e <u>04/15/2</u>	2015			
Name(_j Signatu	(please print) ure	ARICKA (Electro	Electi Committed A EASTERLII	ronic Submi For CIMA I to AFMSS NG on)	ssion #2982 REX ENEI for proces:	49 Verified RGY COM Sing by LI	d by the BLM PANY OF CO NDA JIMEN Title	I Well Ind O, sent to EZ on 04/ e REGUL e 04/15/2	formation S to the Hobbs /29/2015 (15 _ATORY A	System. 5 5LJ0968SE)		