# UNITED STATES

Arly : APR - 2 2009 Arm APPROVED

						BUREAU O	FLAND MAI	NAGEME	NT						OIV	IB NO. 10	
				WELL C			RECOMPL			ANE	LOG				se Serial N 1-94839		<u> </u>
1a. b.	Type of	f Well [		Oil Well X	Gas Wel New Well	l Dr	<u> </u>	er Deepen	Plug B	ack		Diff. Res	svr.		ndian, Allo		
2.	Name o	of Operator			Other									7. Uni	t or CA A	greement l	Name and No.
		ex Energy	Co.	of Colora	do										se Name a		
3.	Addres 5215 I		or B	lvd ste. 15	500 Irving T	x 75039		3a. Phone No. (include area code) 972-443-6489					)	Cottonwood Draw 22 Federal 2  9. API Well No. 30-015-36757			
4.	Locatio	n of Well <i>(F</i>	Герог	rt Location o	clearly and u	accordance					10 Fie	ld and Poo Cottonw		oratory aw; Delaware			
	At surf	ace			231	0 FSL & 38	80 FEL								., T., R., M vey or Are		ck and
	At top ]	prod. interva	і гер	orted below	231	.0 FSL & 38	80 FEL								-25S-26E		12 01-1-
	At total depth 339 FSL & 531 FEL													12. County or Parish 13. State Eddy NM			NM
14.	Date Spudded 15. Date T.D. Reached 11.04.08 11.19.08						1	6. Date Comp	1		12.13. dy to Pro		17. Elevations (DF, RKB, RT, GL)* 3305' GL				
10				4,904	11 10 Pl			,904'	В&А								•
18.	Total D	•	MD TVD	•	'	Back TD: t Hole 3580'		,90 <del>4</del> 3,015'			20. Dep	tn Bnage	e Plug Se	t: MI TV			
21.					Logs Run (Si			,,015			22. Was	well cor	 red?	X No		(Submit a	nalysis)
	-77			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	oogs ruii (or	omit copy o						DST rui		X No		(Submit re	•
	BHCG	R, LLAGR,	TDL	.D							Dire	ectional S	Survey		No	<u> </u>	(Submit copy)
23.	Casing	and Liner R	ecor	d (Report	t all strings s	et in well)					l						
	le Size	Size/Grad		Wt. (#/ft	1	ID) Bo	ttom (MD)		Cementer Depth		No. of Sk Type of Ce	ement		y Vol. BL)	<u> </u>	nt Top*	Amount Pulled
	2½" 7½"	8%" J-55 5½" P-11		24 17	0'	-	420' 2,770'				sx class					יכ	
	7 <sup>7</sup> /8"	27/8"		fiberglas	_	0'	3,559'			1075 sx POZ/C				(	)'		
	4¾"	2%" L-8	)	6,5	2,65	5'	4,705'	-		no c	ement						
						<u> </u>											
24.	Tubing	g Record															
	Size 2%"	Depth Set 2,604			Depth (MD) 2,647'	5 1/2" X 2	Size 7 7/8"	Depti	h Set (MD)	F	acker De	pth (MD	)	Size	Depth S	Set (MD)	· Packer Depth (MD)
25.		ing Interval			-,07	13 -/- //-		26. Perfe	oration Recor	<u>.                                    </u>							<u> </u>
		Formation			Тор	В	ottom	-	Perforated In	terval	1	S	ize	No	Holes		Perf. Status
A)		Cherry Ca	nyo	n	2,832'	3	,580'	no per	fsiso-pack	stra	ta-port			1		· 	
B) C)																	
D)									,								
27.			atme	ent, Cement	Squeeze, etc				A	J T	63/-4-	1-1					
	Depth Ir	nervai	ple	ase see at	tachment f	or 5-stage	frac job de	tails	Amount an	а гур	e or iviate	enai		-			
			<b>P</b>		taciline i	o. o otage											
			<u> </u>														
28. Date		ction - Interv		- Hours	Test	Oil BBL	Gas MCF	Water	Oil Gravity	Corr	API I	ias Gravit	v Proc	nction M	ethod		
Produ		250.2541		Tested	Production			BBL	J. 0.4.11.			INC	VIE!	TE	n FN	RRF	CORD

but o UE umping U FUN NECUND 01.10.09 01.16.09 24 164 201 238 40 Choke Tbg. Press. Gas/Oil Ratio -Well-Status Csg. Press. 24 Hr. Oil BBL Gas MCF Water Size Flwg BBL Rate 165 238 201 1,226 **Producing** open 164 28. Production - Interval B -Date First Water BBL Test Date Hours Oil BBL Gas MCF Oil Gravity Corr. API Gas Gravity Test Produced Tested Production BURFAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE Choke Tbg Press. Csg. Press. 24 Hr. Oil BBL Gas MCF Water Gas/Oil Ratio Well Status Size Flwg. BBL Rate

<sup>\* (</sup>See instructions and spaces for additional data on page 2)

28b.	Produ	action - Inter	val C	- 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.	Produ	action - Inter	val D		<u> </u>	<u> </u>					
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		
29.	Disp	<u> </u>	ıs (Sold, used	d for fuel, vei	ited, etc.)	<u> </u>					
	Flar	e testing g	as, waiting	g for Hunte	r gas tie ir	١.					
30.				clude Aquife					31. For	mation (Log) Markers	
	inclu							d all drill-stem tes t-in pressures and			,
	Forma	tion	Тор	Bottom	1	Descri	ptions, Cor	itents, etc.		Name	Top Meas. Depth
32.	Add	itional remai	rks (include p	plugging proc	eedure):				Top Salt Base Salt Delaware Cherry Ca	t e	1,048' 1,655' 1,854' 2,832'
33.	Indi	cate which it	ems have be	en attached b	by placing a	check in the	appropriat	e boxes:			
	=		_	gs (1 full set in	-	=	Geologic F	· -	1	X Directional Survey Systems Drawing, Frac J	ob, Deviation/well path
34.	I he	reby certify t	hat the foreg	oing and atta	ched inform	ation is com	nplete and c	correct as determi	ined from all ava	ilable records (see attache	d instructions)*
1	Name (	please print,	)	Sco	tt Haynes		Title	·	Re	egulatory Analyst	
:	Signatu	ire _	2015	tam	)		Date	·		March 16, 2009	<u> </u>
Title 19	USC	Section 1001	and Title 42	IISC Section	n 1212 maka	it a crime fo	ar any percor	knowingly and w	rillfully to make to	any department or agency of	of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Acid, Fracture, Treatment, Cement Squeeze, etc. Attachment Cottonwood Draw 22 Federal 2 22-25S-26E

Eddy County, NM

Depth Interval	Amount and Type of Material Used								
Stage 1 4639'-4904'	Pump 24 bbls of 20# X-link pad followed by 1 ppg to 3 ppg white sand in SilverStim gel system. Pump down 2 7/8" tbg at 10 BPM at 1685#. Dro 1/2" ball. Pump 25 bbls 20# linear gel, seat ball, open port at 4305' with 3084#. Max psi 1860#. 5000# 16/30 white sand pumped.								
<b>Stage 2</b> 4076'-4505'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system, drop 1 3/4" ball. Pump 23 bbls 20# linear gel, seat ball, open port at 3908' with 3422#. Max psi 1580#. 5000# 16/30 white sand pumped.								
<b>Stage 3</b> 3710'-4076'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system drop 2" ball. Pump 21 bbls 20# linear gel, seat ball, open port at 3575' with 3684#. Max psi 1770# 5000# 16/30 white sand pumped.								
<b>Stage 4</b> 3442'-3710'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system drop 2 1/4" ball. Pump 19 bbls 20# linear gel, seat ball, open port at 3272' with 3716#. Max psi 1595#. 5000# 16/30 white sand pumped.								
<b>Stage 5</b> 3112'-3442'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 2 ppg 16/30 white sand in SilverStim gel system. Ran out of sand on 3# stage.  Pump 3# volume & over flushed with 19 bbls. Max psi 1560#. 2000# 16/30 white sand pumped.								

DISTRICT I 1625 M, French Dr., Hobbs, NM 88240 DISTRICT II 1361 W. Grand Avenue, Artesia, NM 88210

1220 S. St. Francis Dr., Santa Fe, NM 87505

DISTRICT III

DISTRICT IV

## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION 1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Code Pool Name  A6730 - Cottonwood Draw; Del					
30-015-36757	A6720 - 1						
Property Code	Prop	Property Name					
37481 🗸	COTTONWOOD D	RAW "22" FEDERAL	2				
OGRID No.	Oper	ator Name	Elevation				
162683	CIMAREX ENERGY	CO. OF COLORADO	3303'				

## Surface Location

UL or lot No.	Section	Township	Range	lot idn	Feet from the	North/South line	Feet from the	Rest/West line	County
1	22	25 S	26 E	,	2310	SOUTH	380	EAST	EDDY

### Bottom Hole Location If Different From Surface

Γ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Bant/West line	County
	Р	22	25 S	25 S   26 E		339	SOUTH	531	EAST	EDDY
Γ	Dedicated Acre	s Joint o	r Infili Co	nsolidation	Code Or	der No.				
80										

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

