

Form 3160-5 (August 1999)	UNITED STATES DEPARTMENT OF THE I BUREAU OF LAND MANA	NTERIOR			FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000			
	Y NOTICES AND REPO his form for proposals to	RTS ON WI			5. Lease Serial No. NMNM100586			
abandoned w	rell. Use form 3160-3 (AP	D) for such p	proposals.		6. If Indian, Allottee or Tribe Name			
SUBMIT IN T	RIPLICATE - Other instruc	tions on rev	erse side.		7. If Unit or CA/Agre	ement, Name and/or No		
I. Type of Well					8. Well Name and No. WAGON WHEEL			
Oil Well S Gas Well Oil Gas Well Cimare of Operator CIMAREX ENERGY CO		MICHELLE F E-Mail: mfarre	ARRELL Il@cimarex.com		9. API Well No. 30-015-33483-0			
3a. Address 15 E 5TH ST STE 1000 TULSA, OK 74103		3b. Phone No Ph: 918.29	6. (include area cod 5.1727 RECEIVE		10. Field and Pool, or WILDCAT MOR	Exploratory ROW		
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Description	n)			11. County or Parish,	and State		
Sec 13 T22S R22E SWNE	1650FNL 1980FEL		AUG 1 1 200		EDDY COUNTY	', NM		
12. CHECK AP	PROPRIATE BOX(ES) TO) INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION			ТҮРЕ С	OF ACTION				
Notice of Intent	□ ^{Acidize}				tion (Start/Resume)	Water Shut-Off		
Subsequent Report	Alter Casing	_	ture Treat			Well Integrity		
Final Abandonment Notice	Casing Repair Change Plans		Construction g and Abandon		plete rarily Abandon	Other Drilling Operation		
	Convert to Injection							
Vertica	r final inspection.) hange from 9800' to 10,200 helle 9:30acco 9975 $ff/049Ll: A$	'. Verbal app	roval was give	-		and the operator has		
14. I hereby certify that the foregoing	is true and correct. Electronic Submission f For CIMAR committed to AFMSS for proc	134213 verified	by the BLM We	eli Information	n System			
		essing by AR			(04AL0314SE)			
	LE FARRELL		Inte DRILL	ING TECH	· · · · · · · · · · · · · · · · · · ·			
Signature (Electron	c Submission)		Date 08/06/	2004				
	THIS SPACE FO	DR FEDER/	L OR STATE	OFFICE U	SE			
Approved By LES BABYAK			TitlePETROL		EER	Date 08/09/2		
Conditions of approval, if any, are attac certify that the applicant holds legal or which would entitle the applicant to co	equitable title to those rights in th	s not warrant or e subject lease	Office Carlsb					
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudule	43 U.S.C. Section 1212, make it and statements or representations and	a crime for any p s to any matter v	erson knowingly a vithin its jurisdiction	nd willfully to r on.	nake to any department o	r agency of the United		

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** BLM REVISED **

5. Lease Serial No. NMNM100586 6. If Indian, Allottee or Tribe Name side. 7. If Unit or CA/Agreement, Name and/or No side. 8. Well Name and No. WAGON WHEEL 13 FEDERAL 2 ELL narex.com 30-015-33483-00-X1 ide area code) 10. Field and Pool, or Exploratory WILDCAT MORROW RECEIVED 11. County or Parish, and State
side. 7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. WAGON WHEEL 13 FEDERAL 2 ELL 9. API Well No. narex.com 30-015-33483-00-X1 ide area code) 10. Field and Pool, or Exploratory 27 WILDCAT MORROW
WAGON WHEEL 13 FEDERAL 2 ELL 9. API Well No. narex.com 30-015-33483-00-X1 ide area code) 10. Field and Pool, or Exploratory 27 WILDCAT MORROW
arex.com 30-015-33483-00-X1 ide area code) I0. Field and Pool, or Exploratory WILDCAT MORROW
27 WILDCAT MORRÔW
County or Parish and State
AUG 0 3 7004 EDDY COUNTY, NM
FURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF ACTION
Production (Start/Resume) Water Shut-Off Water Shut-Off Water Shut-Off
Treat Reclamation Well Integrity struction Recomplete Noter
struction Abandon Temporarily Abandon Temporarily Abandon Temporarily Abandon
Water Disposal
7-12-04 at 1080' as follows: 00 sks Rfc, Lead 800 sks 35:65 plus 2% cc, cement was , casing 9 5/8" 36# K55) sks Poz C @ 14.8 ppg.
ne BLM Well Information System ent to the Carlsbad ASKWIG on 07/29/2004 (04LA0609SE)
ent to the Carisbad
ent to the Carlsbad SKWIG on 07/29/2004 (04LA0609SE) DRILLING TECH 07/29/2004
ent to the Carlsbad SKWIG on 07/29/2004 (04LA0609SE) DRILLING TECH 07/29/2004 R STATE OFFICE USE
ent to the Carlsbad SKWIG on 07/29/2004 (04LA0609SE) DRILLING TECH 07/29/2004 R STATE OFFICE USE

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Form 3160-3 (Sentember 2001)	01 W. C	arand Ave	nue						
Form 3160-3 (September 2001)	Antesia,	NM 8821	0	OMB No	PPROVED 1004-0136 mary 31, 2004				
UNITED STATE				5. Lease Serial No.					
UCC DEPARTMENT OF THE I BUREAU OF LAND MANA				NM 100586	•				
APPLICATION FOR PERMIT TO D		EENTER	-	6. If Indian, Allottee N/A	6. If Indian, Allottee or Tribe Name N/A				
1a. Type of Work: 🖄 DRILL 🖸 REENT		7. If Unit or CA Agn N/A	-	No.					
1b. Type of Well: 🔲 Oil Well 🖄 Gas Well 🛄 Other	🖾 si	ngle Zone 🔲 Muli	iple Zone	8. Lease Name and W Wagon Wheel					
2. Name of Operator				9. API Well No.					
Cimarex Energy Co.				30-015	- 33483				
3a. Address	1). (include area code)		10. Field and Pool, or	Exploratory				
15 East 5th Street, Ste. 1000, Tulsa, OK 74103	(918) 295			11. sec, T., R., M., or					
4. Location of Well (Report location clearly and in accordance with NUKTH CA At surface 1650' from South Line and 1980' from	n any state requ East Line			11. 560., 1., N., ML, U	Dit. and Survey of	AICE			
At monored and zone		JUN O	7 2004						
Sallie		OOD	HTESIA	Section 13-T22S 12. County or Parish	-R22E NMPM 13. Stat				
 Distance in miles and direction from nearest town or post office* miles West and 4 miles South of Carlsbad, New M 	lexico			Eddy County	NM				
15. Distance from proposed* location to nearest		Acres in lease	17. Spacin	g Unit dedicated to this					
(Also to nearest drig, unit line, if any) 1980'	1600.00		640 acr	es					
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Propose	d Depth		BIA Bond No. on file					
1360' 21. Elevations (Show whether DF, KDB, RT, GL, etc.)	9,800' 22. Annor	imate date work will s	COB00	23. Estimated duration					
4360' GL	July 14,			45 days					
	24. Atta		CARLSBA	D CONTROLLED	WATER BASIN	J			
The following, completed in accordance with the requirements of Onsh	ore Oil and Gas								
1. Well plat certified by a registered surveyor.		4. Bond to cover Item 20 above)		as unless covered by an	existing boad on i	file (see			
 A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	m Lands, the	5. Operator certif	ication. e specific inf	ormation and/or plans	as may be required	d by the			
25. Signature Mart Anna	Name	(Printed/Typed) Steve Simontor) .		Date 5-17-04				
Title					·				
Cimarex Energy Co. Drilling Superintendent									
Approved by (Signature) /s/ Joe G. Lara		: (Printed/Typed) /S/	Joe G.	ara	Date Bar A HIN	0021			
THE ACTING FIELD MANAGER	Offic			IELD OFFICI	E BUR JUN	2004			
Application approval does not warrant or certify the the applicant holds operations thereon. Conditions of approval, if any, are attached.	s legal or equital	ole title to those rights		APPROVAL 1					
	the second se	and the second secon	and the second se			e United			

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

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DISTRICT I P.0. Box 1980, Hobbs, NM 88241-1980

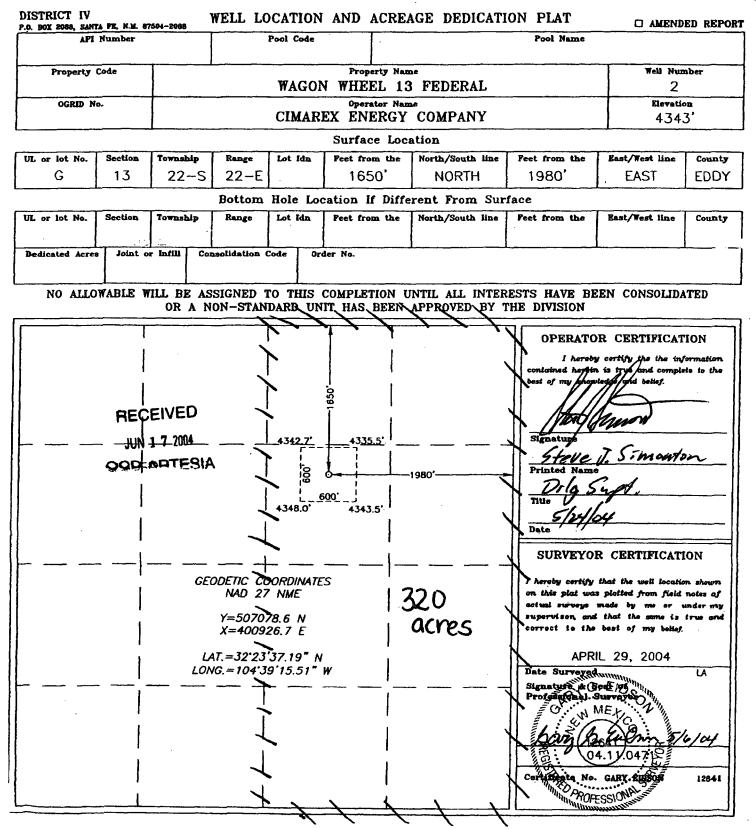
DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

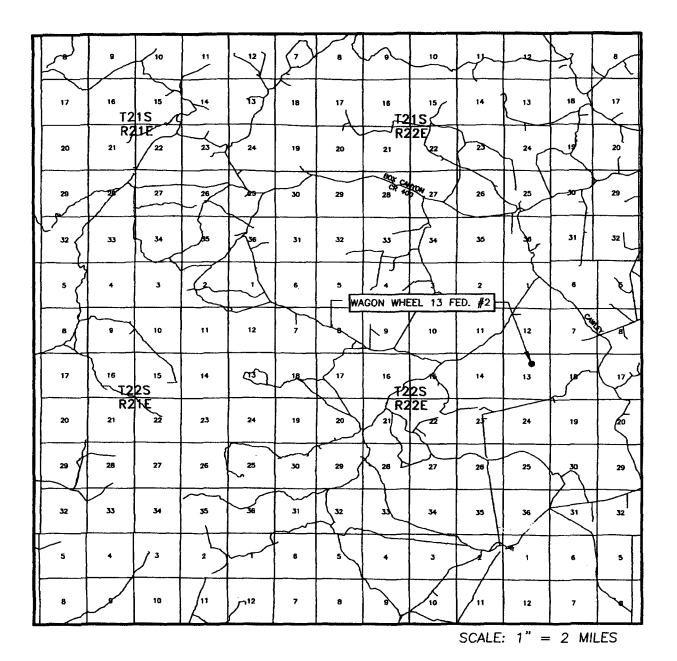
State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088 Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies



VICINITY MAP



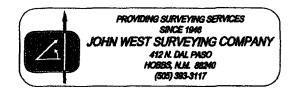
SEC. <u>13</u> TWP.<u>22–S</u> RGE.<u>22–E</u> SURVEY_____N.M.P.M. COUNTY_____EDDY

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DESCRIPTION 1650' FNL & 1980' FEL

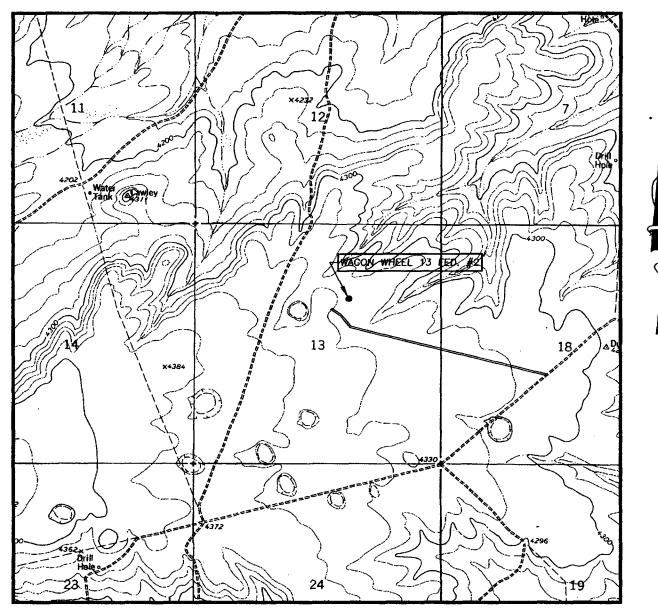
ELEVATION ______ 4343'

OPERATOR CIMAREX ENERGY COMPANY LEASE WAGON WHEEL 13 FEDERAL



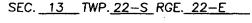
LOCATION VERIFICATION MAP

1. 1. 1



SCALE: 1" = 2000'

- 1 1 **-** - **H**



SURVEY_____N.M.P.M.

COUNTY____EDDY

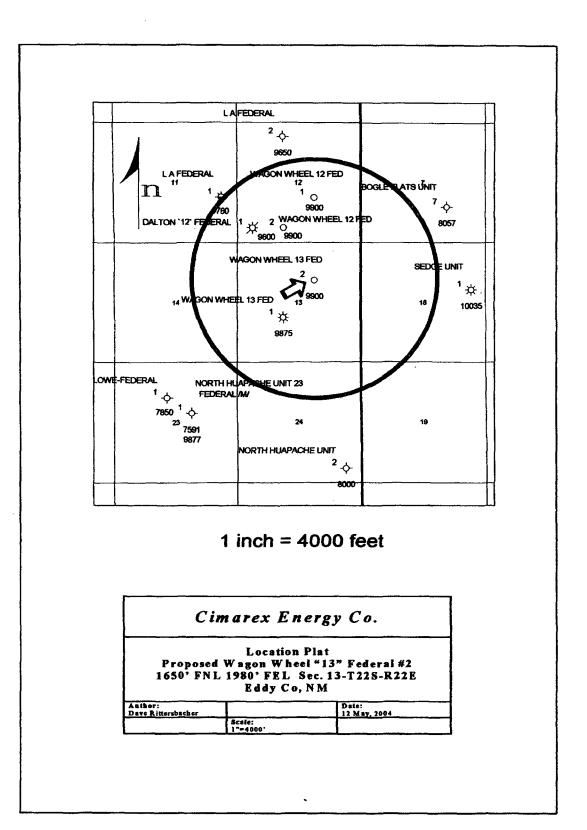
DESCRIPTION 1650' FNL & 1980' FEL

ELEVATION ______ 4343'

OPERATOR <u>CIMAREX ENERGY COMPANY</u> LEASE WAGON WHEEL 13 FEDERAL

U.S.G.S. TOPOGRAPHIC MAP CAWLEY DRAW, N.M. CONTOUR INTERVAL: 20' CAWLEY DRAW, N.M.





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API Well No : 301533260Eff Date : 02-17-2004WC Status : APool Idn: 79030INDIAN BASIN; MORROW, SW (GAS)OGRID Idn: 215099CIMAREX ENERGY CO.Prop Idn: 33561WAGON WHEEL 13FEDERAL

Well No : 001 GL Elevation: 4364

CMD :

OCGIWCM

U/1. Sec Township Hange North/South East/West Prop/Act(P/A) B.H. Locn : K 13 22S 22E FTG 1980 F S FTG 1980 F W P Lot Identifier: Dedicated Acre: 320.00 Lease Type : F Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	P#03	PF()9	PF10 NEXT-W	C PFLL HISTORY	PF12 NXTREC

CMD : OG6ACRE	OMGARD C102-DEDICATE ACREAGE	
Poel Idn : 79030 : Prop Idn : 33561 Spacing Unit : 58883	33260 Eff Date : 02-17-2 INDIAN BASIN;MORROW, SW (GA WAGON WHEEL 13 FEDERAL OCD Order : 22E Acreage : 320.00	004 (S) Well No : 001 Simultaneous Dedication:
S Ba:	ae U/L Sec Twp Rng Acreage	e L/W Ownership Lot Idn
· · ·	C 13 22S 22E 40.00 D 13 22S 22E 40.00 E 13 22S 22E 40.00 F 13 22S 22E 40.00 K 13 22S 22E 40.00 L 13 22S 22E 40.00 M 13 22S 22E 40.00 N 13 22S 22E 40.00	N FD N FD N FD N FD N FD N FD N FD
PF01 HELP PF02	ta to modify or PF keys to PF03 EXIT PF04 GoTo PF09 PF10 LAND	PF05 PF06 CONFIRM

CMD OG6		D)		II	NQU		ONG. DUC		BY PO	OL/WELL)4 13:2 ЮМЕS - Lae No	TPXL
Peo	1 I	dentif	ier :	79030	IN		SIN	; MOR	ROW, S	W (GAS) From : 01	2000 To : (2 s ²	
API	We	ll No	Frage	arty Na	ame	data dat 0					tion Volumes Oil		
30	15	33260	WAGON	WHEEL	13	FEDI R	04	04	9	22471	122	70	· ··· ··· ··
3.0	1.5	33260	WAGON	WHEEL	13	FRDER	05	04	31	55490	272	59	Р
3,0	2	33260	WAGON	WHEEL	13	FEDER	06	04	30	64128	239	14	Р
30	15	33260	WAGON	WHEEL	13	FEDER	07	04	31	52014	243	22	р
		Rep	orting	Perio	d T	otal (G	las,	oil)	204103	926	165	

	M002	5: Enter PI	' keys to scroll				
PF01	HELP	PF02	PF03 EXIT	PF04	GoTo	PF05	PF06 CONFIRM
PF07	BKWD	PFOS FWD	9709	2F10	NXTPOOL	PP11 NXTOGD	PF12

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	<u>District I</u> 1625 N. French E <u>District II</u>	Dr., Hobbs, M	im 88240	J	Energy, 1	State of Nev Minerals &			es			Form C-104 Revised June 10, 2003		
	1301 W. Grand A District III 1000 Rio Brazos			0			vation Division Submit to Appropriate District (
	District IV 1220 S. St. Franc				12		St. Francis Dr. 5 Copies							
	1220 S. St. Fland	IS D1., Salita I.					Fe, NM 87505 ZAMENDED REPORT BLE AND AUTHORIZATION TO TRANSPORT							
	¹ Operator n	ame and A					² OGRID Number							
	Cimarex Ene 15 East 5 th St	ergy Co. treet, Suite	1000						iling Co	215099 ode/ Effecti	ve Date			
	Tulsa, OK. 7								/22/200	4				
	⁴ API Numbe 30 - 015-33			l Name n Basin, N	Aorrow, S	w				001 Code 9030				
	⁷ Property C		* Proj	perty Nan	16							г		
		561 rface Lo	ration			Wagon Wheel	13 Federal					1		
	Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the		th Line	Feet from the		West line	County		
	<u> </u>	13	22S	22E		1980'	South		1980'	W	est	Eddy		
	UL or lot no.	Section	e Location	n Range	Lot Idn	Feet from the	North/So	uth line	Feet from the	East	West line	County		
			_											
	¹² Lse Code F	¹³ Producing	g Method Code F		nection Date 2/2004	¹⁵ C-129 Per	mit Number	. 16	C-129 Effective	Date	¹⁷ C-1	29 Expiration Date		
			Fransport											
	¹⁸ Transpor OGRID			nsporter nd Addres		20	POD	21 0	/G	" P	OD ULST and Descr			
	151618		4 Greenw	Gulf Terra ay Plaza, ton, TX. 7	Suite 560	40	G							
	035103	035103 Sunoco Ptnrs. & Mktg. Terminals, P. O. Box 2039 Tulsa, OK. 74102						0						
										RECEIVED				
											SEP 2 0 7	2004		
											D-ART			
					-									
								04.0						
	IV. Prod	luced w		ULSTR	Location a	nd Description								
	V. Well		ion Data		·····									
	²⁵ Spud Da 02/29/200		²⁶ Ready 04/22/2			²⁷ TD 9880'	²⁸ PB 971		²⁹ Perfora 9471-95			³⁰ DHC, MC		
	l	iole Size			ig & Tubir		l	Depth S	1		³⁴ Sacl	ks Cement		
		17.5			13.75			1050				950		
		2.25			9.625			2300				540		
		7.875			5.50			9870 				1000		
		VI. Well Test Data ³⁵ Date New Oil 04/22/2004 04/22/2004												
	04/22/200					Test Date 1/22/2004	2	est Leng 4 hours	th ³⁹ T	bg. Pre 1600		⁴⁰ Csg. Pressure 0.0		
	⁴¹ Choke S 14/64	iize	42 Oi 0	3		³ Water 1.		⁴⁴ Gas 2100		45 AOF	,	⁴⁶ Test Method Flowing		
	complied with the best of new	⁴⁷ I hereby certify that the rules of the Oil Conservation E complied with and that the information given above is tru the best of my knowledge and belief Signature:						, ,	OIL CONSER	VATIO	N DIVISIO	N		
	Vie	yelle	HA	lla	la			,. 			. GUM			
	Printed name: Genea Hollow	ay		V		Title:		DISTRIC						
	Title: Production Ad			Approval D	ate:	S	EP 2	1 2004						
	E-mail Addres Gholloway@c	is:												
	Date:		Ph	one:			1							
	09/	16/2004	(9)	18) 295-16	58									

District J 1625 N. French Dr.,	, Hobbs, NM	⁸⁸²⁴⁰ En		State of Ne Ainerals &		-	ces			S Revises	Form (J June 10,
District II 1301 W. Grand Ave District III 1000 Rio Brazos Rd District IV 1220 S. St. Francis J	i., Aztec, NM	NM 88210 I 87410	Oil 12	l Conservat 20 South St Santa Fe, N	ion Divis Francis	sion Dr.	Sub	Submit to Appropriate District Offic 5 Copie			
		EQUEST FO					RIZATI	ON TO			DED REP
¹ Operator nam Cimarex Energ	e and Add) Number			
15 East 5th Stre	et, Suite 10	000					³ Reason	for Filing (215099 Code/ Effe		te
Tulsa, OK. 741	.03						NW	04/22/20	04		
⁴ API Number 30 - 015-332	60	⁵ Pool Name Wildcat	India	n Basi	··· 01		564	. • P	ool Code	903	6
7 Property Code	e	⁸ Property Name	e	043	7,10	<u></u>	, , , , , , , , , , , , , , , , , , , ,	'' v	Veli Numi		<u> </u>
3350		L		Wagon Whee	13 Federa	1				1	
II. ¹⁰ Surfa Ul or lot no. Se	ection Toy		Lot.Idn	Feet from the	e North/Sc	wth Line	Feet from	the East	West line		County
	13 22	2S 22E		1980'	South		1980'	1 1	est		ddy
	om Hole I						·····				
UL or lot no. Se	Producing N			Feet from the					West line		County
F	Code F	Dat 04/22/2	le	¹⁵ C-129 Per	mit Numb	er ^w	C-129 Effec	ctive Date	··· C-	129 Exp	iration Da
III. Oil and ¹⁸ Transporter		¹⁹ Transporter N	ame	20	POD	21 0	/G	22 10	OD ULS	RIand	ion
OGRID		and Address				<u> </u>			and Des		
	4 (EPGT Texas Pip Greenway Plaza, S Houston, TX. 77	uite 560			G					
	Su	n Refining and M	arketing				Cortor :				
037480		4550 Torrey Chas			MARKEN PROVIDE	0					
		Suite 245 Houston, TX . 7	7014						RECEN		
									JUN 2 5		t
IV. Produce ²⁹ POD	ced Wate	r ¹⁴ POD ULSTR I	Location	and Descripti	on						
V. Well Co ²⁵ Spud Date		1 Data Ready Date	r	²⁷ TD	28 p	BTD	29 Per	rforations		30 DH(C, MC
02/29/2004 ³¹ Hole		04/22/2004		9880'	97	18' Depth S	947	71-9549	34 50	cks Cem	
17.4			13.75			1050		1	0a	950	
17.2			9.625			2300		_		540	
7.87			5.50			 				1000	
/.8/						<i>701</i> 0				1000	
VI. Well T											
³⁵ Date New O 04/22/2004		as Delivery Date 04/22/2004	04	Fest Date /22/2004		fest Leng 24 hours	th	³⁹ Tbg. Pre 1600			g. Pressur 0.0
⁴¹ Choke Size 14/64		⁴² Oil 0	4	¹ Water 1.		⁴⁴ Gas 2100		45 AO	F		est Method Nowing
been complied w complete to the b Signature	ith and that	les of the Oil Conse the information given new effect and belie Construction	ven above	Division have to is true and	Approved	by:		iservatic			
Printed name: Genea Holloway	,	-0			Title:		Q.	tit	Sules	visa	V
Title:					Approval	Date:				8 20	
Production Adm E-mail Address: Gholloway@cim		supervisor									
Date:	/2004	Phone: (918) 295-16	58	·····	1						
00/24	~ 4004	1/210/ 292-10	10		<u> </u>						

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CIMAREX ENERGY CO OPERATOR: WELL/LEASE: WAGON WHEEL 13 FED #1 COUNTY: EDDY, NM

512-5060 ÷.,

		NEW MEXICO ON REPORT		
196 441 690 844 1,034 1,289 1,514 1,768 2,020 2,276 2,508 2,730 2,976 3,232	DEVIATION 1 1/4 2 1 3/4 1 3/4 1 1/2 3/4 1/4 3/4 3/4 3/4 3/4 1	5,615 5,804 5,964 6,103 6,232 6,332 6,400 6,527 6,710 7,033 7,192 7,445 7,881 8,231	4 4 4 1/4 3 1/2 5 1/2 4 1/4 3 1/4 3 2 1/4 3 2 1/4 3 2 1/2 1 1/2 3/4	
4,242 4,348	2 1/2 3 3 1/4	us gagan (a. y.g. 1944) Osfi	adi pana	· · · · · · · · · · · · · · · · · · ·
4,699 (***********************************	4 1997 (1994) (4.11/4) (1 ⁹⁹ (1999)	thannaich greach griffe a griffe an a' stàite ann an t-stàite ann an t-stàite ann an t-stàite ann an t-stàite a Tha ann an t-stàite ann an t-stài	s a Selen er	RECEIVED JUN 2 3 2004 COLLARTESIA

Fire M By: 🥖

STATE OF TEXAS

COUNTY OF MIDLAND

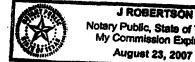
The foregoing instrument was acknowledged before me on this 31st day of March, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

> .,± 111

 F armin

Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007



J ROBERTSON Notary Public, State of Texas My Commission Expires:

CONFIDENTIAL

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Form 3160 (April 20	14)4). 		1		RTM	TED STAT ENT OF TH F LAND M	IE INI						1	OMBNO.	PPROVED 1004-0137 arch 31, 2007	
	WE	LL CO	MPLE	TION	or f	RECOMPLI	ETION	REPOR	AT AN	d log		F		e Serial No.		-
la. Type	of Well		Well	Gas W	ell Г)ther		<u>مەر بىر بەر مەر</u>	<u></u>					e or Tribe Name	=
••	of Comple			ew Weil	ם	Work Over		en 🌅 Ph	ug Back	🗖 Diff.	Resvr,	·	7 Unit	or CA Agre	ement Name and No.	-
			Other										335	-		
2. Name	of Operat	or Cime	arex Ene	ergy Co									Wa		Well No. 13 Federal #1	_
3. Addre	\$\$ 15 E	5th St, S	te 1000 T	Fulsa, O	K 741	03			one No. 18-295-1	(include art 1727	ea code)	9. AFI \ 30-(Vell No. 15-33260		-
4. Locat	ion of Wel	l (Report	location c	learly an	d in ac	cordance with	Federa	l requiremen	nts)*				0. Field	and Pool, o	r Exploratory	-
At sur	face	Sec 13 T	22S R22	E NESV	V 1980)' FSL & 198	0' F WL	,		\mathcal{I}	NO	ian	1 Sec	ЕЗ , 	Marrsw)	51
At top	prod. inte	rval repor	ted below	7										y or Area ty or Parish	Sec 13-T22S-R22E	-
At tot	al depth												Eddy	•	NM	_
14. Date : 02/2:	Spudded 9/2004		15.	Date T.D. 03/28/2		ned		16. Date C	•	d 04/22/			7. Eleva 4383		RKB, RT, GL)*	-
18. Total	Depth: 1	MD 988	0	T	19. P	iug Back T.D.:	MD	9718		20. Dep	th Brid	ge Plug S	et: MI)		-
	1	rvd					TVD						TV	D		
21. Type	Electric &	t Other M	lechanica	al Logs R	un (Su	bmit copy of e	each)				well co		No 1	Yes (Sub Yes (Sub	mit analysis) mit report)	-
		S-NGT										Survey?	√ N₀		Submit copy)	_
23. Casin	g and Lin	er Recor	d (Repo	rt all str	ings s	et in well)	1 Stan	Cementer	<u> </u>	f Sks. &	01.0		r			•
Hole Size	Size/Gr	ade W	l. (#/fl.)	Top (N	AD)	Bottom (MD) epth		of Cement		ry Vol. BBL)	Cemen	t Top*	Amount Pulled	_
17.5	13.75		l.0	Surfa	ice	1050			950	;	414		Surfa		0	
12.25	9.625			Surfa		2300		540			208		Surfa	ce	0	-
7.875	5.50	17	/	Surfa	ice	9870			1000		241		5163'		0	
				· · · · · · · · · · · · · · · · · · ·												
24. Tubin	Record					L			L		L		L			-
Size		Set (MD)) Packer	r Depth ()	MD)	Size	Dept	h Set (MD)	Packer	Depth (MD))	Size	Dept	Set (MD)	Packer Depth (MD)	•
2.875	9429		9421													•
25. Produ							26.	Perforation				1				
A) Mor	Formatio	<u>n</u>		Top 9471		Bottom 9549	-	Perforated	interval		Size	No.	Holes		erf. Status	
B)	ruw			94/1	-+-	9549	9471	to 9549			<u>.</u>	104		Open		•
ć, —			+		-+		+									
D)																
27. Acid,			Cement S	queeze, e	tc.										RECE	IVEÜ
<u>]</u>	Depth Inter	val						A	mount ar	nd Type of I	Materia	1			ILINI O C	
			+												JUN 2	
										·					OOD-AF	TESIS
															·····	
28. Produ Date First	ction - Inte Test	rval A Hours	Test	1.01		Gag	Valor	1 Oil Con		GM		Production	Mathod	` <u>`</u>		
Produced	Date	Tested	Product	~ 1	L	f 1	Water BBL	Oil Grav Corr. Al	Ϋ́Υ	Gravity		110000000	Mound			
64/22/2004 Choke	04/22/2004 Tbg. Press.	24 Csg.		0 Oil			1.0 Nater	0.0 Gas/Oil		.71 Well Stat						
Size	Flwg.	Press.	24 Hr. Rate	BB	ι		BL	Ratio		WCII 3(8)		BC11/				
14/64	SI 1600	0.0		• •		2100	1.0	0				PGW				
28a. Produ Date First	iction - Int Test	erval B Houns	Test	Oil		Gas W	ater	Oil Gravi	itv	Gas		Production	Method		<u></u>	
Produced	Date	Tested	Producti	on BBI	L	MCF B	BL	Oil Gravi Corr. AP	ľ	Gravity	ľ			• .	:	
Chake Size	Tbg. Press. Flwg.	Cag. Press.	24 Hr. Rate	Oil BBI	L .	Gas W MCF B	/ster BL	Gas/Oil Ratio		Well Statu	¥					

*(See instructions and spaces for additional data on page 2)

						the second s			
28b. Produ	nction - Inte	rval C							
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	Gaa MCF	Water BBL	Gas/Oil Ratio	Well Status	
28c. Prod	luction - Int	erval D							
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	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

. .

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
San Andres Glorieta Yeso Bone Springs Wolfcamp Cisco Canyon Strawn Atoka Morrow	565 2174 2216 3172 6024 7469 7962 8150 8545 9162				

32. Additional remarks (include plugging procedure):

 33. Indicate which itmes have been attached by placing a cl Plectrical/Mechanical Logs (1 full set req'd.) Sundry Notice for plugging and cement verification 	Geologic Report		'Report	Directional Survey
34. I hereby certify that the foregoing and attached informat	tion is complete and con	rect as de	ermined	from all available records (see attached instructions)*
Name (please print) Michelle Farrell		Title	Drillin	g Tech
Signature Michelle Farrel	<u> </u>	Date	04/28/2	2004
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1 States any false, fictitious or fraudulent statements or rep	212, make it a crime for resentations as to any	r any per matter w	on knov thin its	vingly and willfully to make to any department or agency of the Unit jurisdiction.

(Form 3160-4, page 2)

District I 1625 N. French I	Dr., Hol	obs, NM 8	NIM 99240					of New Mexico als & Natural Resources				Form C-104 Revised June 10, 2003		
District II 1301 W. Grand A District III 1000 Rio Brazos					Oi	l Conserva	ation	Divisio	n			Subm	it to App	ropriate District Office 5 Copies
District IV 1220 S. St. France				:0<		20 South S Santa Fe,							-	
1220 S. St. Franc	ns Dr., I.					OWABL			CHO	RIZAT	FION	то т		AMENDED REPORT
¹ Operator n	ame a	nd Addro						10 1101			ID Nun			
Cimarex Ene 15 East 5 th S			10							3 Deep	on for F	iling C	215099	ntive Dete
Tulsa, OK. 7	4103									NV		Filing Code/ Effective Date 04/22/2004		
⁴ API Number			⁵ Pool Wildo	Name	1 1	D.	•	•				⁶ Pool Code		
30 – 015-33 ⁷ Property C				erty Nan	INDIA	in Das	wing Menrow, SW				<u>N</u>	79030 'Well Number		
				,		Wagon Whe	el 13	Federal						1
		Locati		D	¥	D		1.00	T •	17		the East/West line County		
Ul or lot no.	13	on Tow 22	-	Range 22E	Lot.ian	Feet from t 1980'		South	Line	1980		We		County Eddy
¹¹ Bo		Hole L									i			
UL or lot no.	Section		nship	Range	Lot Idn	Feet from t	he N	orth/Soutl	h line	Feet fro	om the	East/V	Vest line	County
12	12 m	oducing Me	-45 - 3	H.C.	nnection	15 (2 100 1		<u></u>	16	100 50		<u>.</u>	17 0 1	
¹² Lse Code F	PT	Code	eus00	Da	ite	¹⁵ C-129 P	ermit	number	- (C-129 Ef	lecuve l	Jate	C-I	29 Expiration Date
III. Oil a	and G	F as Tra	nsnor	04/22 ters	4004	1		<u> </u>	·		- · · ·			
¹⁸ Transpor			¹⁹ Trai	asporter l			¹⁰ POE		²¹ O/	/G				R Location
OGRID				d Addres Texas Pij									and Desc	ription
			reenwa	ay Plaza, S	Suite 560				G					
		Houston, TX. 77002												
		Sur	Refin	ing and M	arketing									
037480			550 Te	orrey Cha			34 19 10 S		0					
				Suite 245 30, TX . 7	7014							R	ECEI\	/ED
		-						Γ				J	UN 25	2004
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IV. Prod	buced	Water		······										
²³ POD	uccu			ULSTR	Location	and Descrip	tion			· ·				·····]
V. Well				_		77		28		1 29 -				10
²⁵ Spud Da 02/29/200			Ready (4/22/20			²⁷ TD 9880'		²⁸ PBTI 9718')	9 P	Perforat 471-954	ions 19		³⁰ DHC, MC
1	le Size	2		32 Casing	k Tubin	ng Size	1	³³ De	pth Se				³⁴ Sac	ks Cement
	7.5				13.75				.050					950
1:	2.25				9.625			2	300					540
7.	875				5.50			9	870					1000
								-						
VI. Well			•											
³⁵ Date New 04/22/200			Delive 4/22/20	ry Date 004		Fest Date /22/2004		³⁸ Test 24 h	Lengt	h	³⁹ Tb	g. Pres 1600	aure	⁴⁰ Csg. Pressure 0.0
⁴¹ Choke Si			42 Oil			³ Water		44 /	Gas			¹⁵ AOF		⁴⁶ Test Method
14/64	2e		0			1.		1	.00			AUF		Flowing
⁴⁷ I hereby cert							1	5.1	,	OILCO	NSER \	ATION	DIVISIO	N
been complied	en complied with and that the information given above is true and mplete to the best of my knowledge and belief.						XL/					-		
Signature.						App	proved by:			em) ØI	Le.	isor	
Printed name:	d name:					Title	e:			0_4	• •		•	
Genea Hollow	ay									M	A	dS	izen	usor
Title: Production Ad	minist	ration Su	perviso	г			App	oroval Date	:			•	JUN 2	8 2004
E-mail Addres	S:						1							
Gholloway@c Date:	marex	.com	Pho	one:			-							
	24/200	4		8) 295-16	58									

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Acting Director Oil Conservation Division

June 21, 2004 Cimarex Energy Company 14 East 5th St., Suite 1000 Tulsa, OK 74103 Attn: Mr. Steve Simonton/Michelle Farrell

RE: In order to shut-in a gas well which is operated by Cimarex Energy Company. The Wagon Wheel '13' Federal #1, located in Section 13 of Township 22 South, Range 22 East, 1980 'FSL & 1980' FWL, Eddy County, New Mexico, NMPM. API # 30-015-33260

Dear Mr. Simonton/Ms. Michelle Farrell or to Whom It May Concern,

In reference to the above it has been learned that this well is in violation to New Mexico Oil Conservation Division Rules and Regulations.

During a phone conversation with your company on June 15, 2004 we have been informed that this well has been producing since April 22, 2004.

Please refer to NMOCD Rules 1103.B, 1104.A and 1105.A. as noted below:

1103.B. Form C-103 as a Subsequent Report

- (1) Form C-103 as a subsequent report of operations shall be filed in accordance with the section of this rule applicable to the particular operation being reported. [1-1-65...2-1-96]
- (2) Form C-103 is to be used in reporting such completed operations as:
 - (a) Commencement of drilling operations
 - (b) Casing and cement test
 - (c) Altering a well's casing installation
 - (d) Temporary abandonment
 - (e) Plug and Abandon
 - (f) Plugging back or deepening
 - (g) Remedial work
 - (h) Installation of artificial lifting equipment
 - (i) Change of operator of a drilling well
 - (j) Such other operations which affect the original status of the well but which are not specifically covered herein.
- 1104.A. Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously.) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111. [1-1-65...2-1-96]

1105.A. Within 20 days following the completion or recompletion of any well, the operator shall file Form C-105 with the Division. It must be filed in QUINTUPLICATE and each copy accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all electrical and radio-activity logs run on the well must be filed with Form C-105. If the Form C-105 with attached log(s) and summaries is not received by the Division within the specified 20-day period, the allowable for the well will be withheld until this rule has been complied with. [1-1-65...2-1-96]

Due to the fact that this well is apparently in violation to the above rules, this well is to be shut-in today as of June 22, 2004. Furthermore, said well is to remain shut-in until compliance of these rules are met. Please call me if you have any questions regarding this matter.

Yours truly,

Bryan G. Arrant PES

E mail: Tim Gum, District Supervisor-Artesia David K. Brooks, Legal Council-Santa Fe

Form 3160-5 (August 1999)	UNITED STATE DEPARTMENT OF THE I BUREAU OF LAND MANA	INTERIOR			OMB N	APPROVED O. 1004-0135 ovember 30, 2000
SUNDE	RY NOTICES AND REPO		115		5. Lease Serial No. NMNM100586	
Do not use	this form for proposals to well. Use form 3160-3 (AF	o drill or to re-	enter an		6. If Indian, Allottee of	or Tribe Name
SUBMIT IN 1	RIPLICATE - Other instru	ctions on reve	ərsə sidə.		7. If Unit or CA/Agre	ement, Name and/or No.
1. Type of Well					8. Well Name and No. WAGON WHEEL	
Oil Well Gas Well					9. API Well No.	
2. Name of Operator CIMAREX ENERGY CO	Contact:	MICHELLE F			30-015-33260-0	00-X1
3a. Address 15 E 5TH ST STE 1000 TULSA, OK 74103	·	3b. Phone No. Ph: 918.29	(include area cod 5.1727	le)	10. Field and Pool, or WILDCAT MOF	
4. Location of Well (Footage, Ser	c., T., R., M., or Survey Descriptio	n)	RECI	EIVED	11. County or Parish,	and State
Sec 13 T22S R22E NESW	1980FSL 1980FWL			8 2004	EDDY COUNT	Y, NM
	PPROPRIATE BOX(ES) T			BTESIA	FPORT OR OTHE	Ρ. ΠΑΤΑ
TYPE OF SUBMISSION			TYPE (OF ACTION		
Notice of Intent	□ Acidize			_	tion (Start/Resume)	□ Water Shut-Off
—	Alter Casing				ation	U Well Integrity
Subsequent Report	Casing Repair		Construction			Drilling Operations
Final Abandonment Notice			and Abandon		rarily Abandon	Drining Operation
	Convert to Injection					
Attach the Bond under which the following completion of the invo	tionally or recomplete horizontally work will be performed or provid lved operations. If the operation r al Abandonment Notices shall be fi	, give subsurface l le the Bond No. on esults in a multiple	ocations and mea file with BLM/B completion or re	sured and true v IA. Required su completion in a	ertical depths of all perti ibsequent reports shall b new interval, a Form 31	nent markers and zones. e filed within 30 days 60-4 shall be filed once
Production casing was set LTC casing. Cement used .1% HR-7 @ 14.2 ppg.	on 3-31-04 at 9870' as folic was 1000 sks 50/50 POZ v	ows: hole size w/ .3% Halad +	7 7/8", casing 5 pps salt + .2	5 1/2", 17# N 25 pps cellofi	180 ake +	
The rig was released on 3/	31/04 and we are currenity	awaiting comp	letion operatio	ns.		
14. Thereby certify that the foregoin	ng is true and correct. Electronic Submission For CIMAI Committed to AFMSS for prod	#29185 verified REX ENERGY C	by the BLM W O, sent to the	ell Information Carlsbad	n System	
	LLE FARRELL	cessing by AK		ON 04/02/2004 ING TECH	(04AL01/1SE)	
Signature (Electron	nic Submission)		Date 04/01/	/2004		
	THIS SPACE F	OR FEDERA	L OR STATE	E OFFICE U	SE	
Approved By ACCEP	TED		LES BAE TitlePETROL	BYAK EUM ENGIN	EER	Date 04/06/2(
Conditions of approval, if any, are atta certify that the applicant holds legal o which would entitle the applicant to c	r equitable title to those rights in the	es not warrant or he subject lease	Office Carlsb	ad		
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudul	e 43 U.S.C. Section 1212, make it lent statements or representations a	a crime for any po as to any matter w	rson knowingly a ithin its jurisdiction	and willfully to r on.	nake to any department of	or agency of the United

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** BLM REVISED **

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DISTRICT I P.O. Box 1980, Hobbe DISTRICT II	. MK 68241-1	980		Energy.	•	l Resources Department	Submit	Revised Februar to Appropriate Dist	rict Office
DISTRICT II P.O. Drawer DD, Arte DISTRICT III	nia, NM 88211	1-0719	-		P.O. Box		ION	State Lease - Fee Lease -	
1000 Rio Brazos F	Rd., Aztec, N	DE 67410		Santa F	e, New Mexi	ico 87504–2088			
DISTRICT IV P.O. BOX 2000, SANT	·····	7504-2088			AND ACRE	AGE DEDICATI		AMENDED	REPORT
30-015	Number I-33	260	79	Pool Code	Property Na	Holian Bas	N Morr	ou Su	
Property 335	/ /		FEDERAL 13		J Well Num	ber			
OGRID N 2150	97			Elevatio 4364					
	1		······································						
UL or lot No. K	Section 13	Township 22-S	Range 22-E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1980	Bast/West line WEST	County EDDY
	I		1	Hole Loo	l <u></u>	ferent From Sur	face	I	
UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	B Joint o	or Infill Co	nsolidation (Code Or	der No.		 	<u> </u>	
NO					COLOR EMION	UNTIL ALL INTER			
NU ALLA						I APPROVED BY 1		SEN CONSOLIDA	
Lerr	لربور			N	Γ		OPERATO	OR CERTIFICAT	ION
							contained hereis	y certify the the inj n is true and comple wledge and belief.	
\uparrow				L		RECEIVED			
1				k	}	FEB 2 7 2004	Signature	lle Farre	ll_
		<u> </u>		k —		OCD-ARTESIA	Miche Printed Nam	le Farrell	
271) Ad			k				ng Tech	
	ם א כ 	res	7		۱ ۱		2-24 Date		
L	۱ ۱				1		SURVEYO	R CERTIFICAT	ION
[4365 4'	4360 8'		COORDINATES			that the well locati is plotted from field	
	 	4365.4' 60		NAD Y = 5	27 NME		actual surveys supervison, an	made by me or d that the same is	under my
				LAT. 32	99597.7 E 23'20.75"N 4'39'30.95"W			best of my belief	
<u> </u>		4367.7	4362.9'				Date Surveyer	ARY 07, 2004	L.A.
<u>}</u>			- T	` <u> </u>			Professionat	ARY 07. 2004	
↓ .	1	-198 196	T	\sim	1		Barr b	600	104
+			- /		1 			2311/413	
*				\mathbf{i}	l t		Certificate No	ESSIONAL ESSION	12641
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	UNITED STATES	S NTERIOR	. C		OMB NO.	PROVED 1004-0135 mber 30, 2000
	NOTICES AND REPO		LLS		5. Lease Serial No. NMNM100586	
	s form for proposals to II. Use form 3160-3 (AP				6. If Indian, Allottee or 7	fribe Name
	PLICATE - Other instruc	tions on reve	orse side.		7. If Unit or CA/Agreem	ent, Name and/or No.
1. Type of Well Oil Well 🔀 Gas Well 🖸 Oth	ICT				8. Well Name and No. WAGON WHEEL 13	FEDERAL 1
2. Name of Operator CIMAREX ENERGY CO		9. API Well No. 30-015-33260-00-X1				
3a. Address 15 E 5TH ST STE 1000 TULSA, OK 74103		3b. Phone No. Ph: 918.29	(include area code) 5.1727 REC	EIVED	10. Field and Pool, or Ex WILDCAT MORR	
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description)	MAR 1	6 2004	11. County or Parish, and	d State
Sec 13 T22S R22E NESW 19	80FSL 1980FWL		OCD-A	RTESIA	EDDY COUNTY,	NM
12. CHECK APPE	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF N	NOTICE, RE	PORT, OR OTHER	DATA
TYPE OF SUBMISSION			TYPE OF	ACTION	· · · · · · · · · · · · · · · · · · ·	
□ Notice of Intent	🗖 Acidize	Deep	en	Producti	ion (Start/Resume)	U Water Shut-Off
	Alter Casing	🗖 Fraci	ture Treat	🗖 Reclama	ation	Well Integrity
Subsequent Report	Casing Repair	🗆 New	Construction	🗖 Recomp	lete	Other
Final Abandonment Notice	Change Plans	🗂 Phug	and Abandon	🗖 Tempora	arily Abandon	Well Spud
	Convert to Injection	🗖 Phig	Back	🔲 Water D	isposal	
 Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi Cimarex Energy spudded this hole 17 1/2", casing 13 3/8" 61 lead w/ 11.4 yield, tail 200 sks job witnessed by BLM official. Intermediate casing was set or LT&C casing. Cement used w CaCl2 mixed @ 14.8 ppg. No unusual or hazardous circ I hereby certify that the foregoing is 	Illy or recomplete horizontally, k will be performed or provide operations. If the operation re- bandonment Notices shall be fil- mal inspection.) well on 2-29-04. Surface I# J-55 ST&C casing. Ce 14.8# yield plus 2% cc, c n 3-6-04 at 2300' as follor vas 315 sks Interfill "c" mi umstances were encount	give subsurface 1 the Bond No. on suits in a multiple ed only after all r o casing was s prment used was cement was ci ws: hole 12 1 xed @ 11.5 p	ocations and measu file with BLM/BIA completion or reco equirements, includi aet on 3-3-04 at ' as 100 sks Thixa rculated back to /4", casing 9 5/8 pg, tail w/ 225 sk	red and true ve Required sub impletion in a n ing reclamation 1050' as folk atropic, 650 s surface and " 36# K55	rtical depths of all pertinen sequent reports shall be fil ew interval, a Form 3160- a, have been completed, and bws: sks	t markers and zones. ed within 30 days 4 shall be filed once
Con	Electronic Submission # For CIMAR mitted to AFMSS for proc	EX ENERGY ¢	O, sent to the Ca IANDO LOPEZ or	arisbad n 03/11/2004	-	
Name (Primed/Typed) MICHELLI	E FARRELL		Title DRILLIN	NG TECH	·····	
Signature (Electronic S	Submission)		Date 03/11/20	004		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE US	SE	
Approved By ACCEPT	ED			SWOBODA		Date 03/15/2004
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent which would entitle the applicant to condu	itable title to those rights in the	not warrant or subject lease	Office Carlsbac	dt		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a statements or representations as	crime for any per to any matter wi	son knowingly and thin its jurisdiction.	willfully to ma	ke to any department or ag	ency of the United

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August 1999)		UNITED STATE	NTERIOR			OMB N	APPROVED O. 1004-0135 ovember 30, 2000
		UREAU OF LAND MANA			ŀ	5. Lease Serial No.	
	SUNDRY	NOTICES AND REPO is form for proposals to	RTS ON WELLS drill or to re-enter al	REC	EIVED	NMNM100586	
	abandoned we	ll. Use form 3160-3 (AF	D) for such proposal	IS. Mar •	- 4 2004	6. If Indian, Allottee of	
	SUBMIT IN TRI	PLICATE - Other instru	ctions on reverse sid	OCD-A	RTESI	7. If Unit or CA/Agree	ment, Name and
1. Type of Well	Gas Well 🖸 Ot	her				8. Well Name and No. WAGON WHEEL	13 FEDERAL
2. Name of Operator CIMAREX EN		Contact: 215099	MICHELLE FARRELI E-Mail: mfarrell@cimares			9. API Well No. 30-015-	
a. Address		a13011	3b. Phone No. (include a	rea code)		10. Field and Pool, or	Exploratory
15 E 5TH ST TULSA, OK 7			Ph: 918.295.1727	,		WILDCAT MOR	ROW
Location of Well	(Footage, Sec., T	., R., M., or Survey Description	,			II. County or Parish,	and State
Sec 13 T22S	R22E NESW 1	980FSL 1980FWL				EDDY COUNT	Y, NM
12.	CHECK APP	ROPRIATE BOX(ES) TO	O INDICATE NATU	RE OF NO	OTICE, RE	PORT, OR OTHE	R DATA
TYPE OF SUI	BMISSION			FYPE OF A	ACTION		
Notice of Inte	ent	Acidize	Deepen		Production	on (Start/Resume)	U Water Sl
		Alter Casing	Fracture Trea	at	C Reclama	tion	U Well Inte
Subsequent Report		Casing Repair	New Constru	ction	 Recomplete Temporarily Abandon 		□ ^{Other}
Final Abando	onment Notice	Change Plans	Plug and Abandon				_
		Convert to Initation					
If the proposal is t Attach the Bond u following complet testing has been co determined that th	o deepen directional inder which the work ion of the involved ompleted. Final Ab is site is ready for fin	,	details, including estimated ; ve subsurface locations and the Bond No. on file with BLI its in a multiple completion of only after all requirements,	starting date measured an M/BIA. Req or recomplet including rea	nd true vertical puired subsequion in a new ir clamation, hav	ed work and approximate depths of all pertinent n ent reports shall be filed nterval, a Form 3160-4 s	narkers and zones within 30 days hall be filed once
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	UNITED STATES PARTMENT OF THE IN UREAU OF LAND MANA	NTERIOR	RECEI	VED	OMB NO Expires: Nov	APPROVED 0. 1004-0135 vember 30, 2000
SUNDA	NOTICES AND DEDO	PTS ON WE	118		5. Lease Serial No. NMNM100586	
Do not use thi abandoned we	is form for proposals to II. Use form 3160-3 (API	drill or to re- D) for such pr		2004 TESIA	6. If Indian, Allottee or	Tribe Name
SUBMIT IN TRI	PLICATE - Other Instruc	tions on reve	xse side.		7. If Unit or CA/Agree	ment, Name and/or No.
1. Type of Well Doil Well 🛛 Gas Well 🔲 Otl	her			·	8. Well Name and No. WAGON WHEEL	13 FEDERAL 1
2. Name of Operator CIMAREX ENERGY CO		MICHELLE F/ E-Mail: mfarrell(9. API Well No.	
3a. Address 15 E 5TH ST STE 1000 TULSA, OK 74103	**************************************	3b. Phone No. Ph: 918.295 Fx: 918.749	(include area code) 5.1727 .8059		10. Field and Pool, or I WILDCAT MOR	
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description,	<u>,</u>	· · · · · · · · · · · · · · · · · · ·		11. County or Parish, a	nd State
Sec 13 T22S R22E NESW 19	80FSL 1980FWL				EDDY COUNTY	, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF N	NOTICE, RI	EPORT, OR OTHER	R DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent	Acidize		en	Product	tion (Start/Resume)	□ Water Shut-Off
Subsequent Report	Alter Casing	_	ture Treat	🗖 Reclam	ation	U Well Integrity
	Casing Repair		Construction	C Recomp		Other Drilling Operations
Final Abandonment Notice	Change Plans	- • - •			arily Abandon	SumB observes
determined that the site is ready for f Cimarex Energy Co would like only on the surface casing. F intermediate casing rather tha	e to propose a BOP chang ull BOP stack with ram pr	eventers will b	to nipple up an a re nippled up on	annular prev the 9 5/8"	/ente r	
14. I hereby certify that the foregoing is	e true and correct	T				
	Electronic Submission #	REX ENERGY Ç	O, sent to the C	arisbad		
Name (Printed/Typed) MICHELL	E FARRELL		Title DRILLIN	NG TECHNI		
Signature (Electronic	Submission)		Date 02/25/2	004		
	THIS SPACE FO	OR FEDERA			SE	
<u>Approved By ALEXIS C SWOBO</u> Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to cond	ed. Approval of this notice does uitable title to those rights in the	s not warrant or e subject lease		-	<u>EER</u>	Date 02/26/2004
which would entitle the applicant notas legal of eq which would entitle the applicant to cond Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	uct operations thereon. U.S.C. Section 1212, make it a	crime for any pe	Office Carlsbac rson knowingly and thin its jurisdiction.	willfully to m	ake to any department or	agency of the United

			Nyloch				
	UNITED STATE EPARTMENT OF THE I UREAU OF LAND MANA	NTERIOR	WWUCD		OMB N Expires: No	APPROVED O. 1004-0135 wember 30, 2000	
_	NOTICES AND REPO		LLS		5. Lease Serial No. NMNM100586		
Do not use th abandoned we	is form for proposals to II. Use form 3160-3 (AP		6. If Indian, Allottee of	or Tribe Name			
	PLICATE - Other instru	ctions on rev	erse side.	EIVED		ement, Name and/or No.	
1. Type of Well Oil Well S Gas Well Ot	her			2 5 2004	8. Well Name and No. WAGON WHEEL		
2. Name of Operator CIMAREX ENERGY CO	Contact:	MICHELLE F E-Mail: mfarrel		THEOP	9. API Well No.		
3a. Address 15 E 5TH ST STE 1000 TULSA, OK 74103		3b. Phone No. Ph: 918.29 Fx: 918.749)	10. Field and Pool, or WILDCAT MOR	Exploratory ROW	
4. Location of Well (Footage, Sec., 1	., R., M., or Survey Description	, V			11. County or Parish,	and State	
Sec 13 T22S R22E NESW 19	80FSL 1980FWL				EDDY COUNT	ſ, NM	
12. CHECK APP	ROPRIATE BOX(ES) T	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE O	FACTION			
53 Notice of Intent	Acidize	🗋 Deer	en	Product	ion (Start/Resume)	U Water Shut-Off	
Subsequent Report	Alter Casing		ture Treat	C Reclam		U Well Integrity	
☐ Final Abandonment Notice	 Casing Repair Change Plans 	_	Construction			🛛 Other	
	Convert to Injection		and Abandon				
following completion of the involved testing has been completed. Final Al determined that the site is ready for f Cimarex Energy Co. plans to conducting drilling operations expires 2-29-04. Additionally,	bandonment Notices shall be fil inal inspection.) spud the well on or about across the end of the prir	ed only after all r February 26, narty term of I	equirements, includ 2004 for the pu Federal Lease N	ting reclamation	n, have been completed,	and the operator has	
14. I hereby certify that the foregoing is	Electronic Submission i For CIMAR	EX ENERGY 🕻	O, sent to the C	arisbad	-		
	ommitted to AFMSS for pro	ressing by Li		NG TECHNI			
Signature (Electronic	THIS SPACE F		Date 02/19/2		SF	<u></u>	
				SWOBODA			
Approved By ACCEPI			TitlePETROLE			Date 02/24/2004	
Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to condu-	uitable title to those rights in th uct operations thereon.	e subject lease	Office Carlsba				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter wi	rson knowingly and thin its jurisdiction	i willfully to m	ake to any department or	agency of the United	

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	n ii	ris. DIV-Dist	5 60			
Form 3160-3	1 W. G	arand Avenu	le l	FORMA	PPROVED	
(September 2001) Ar	tesia,	NM 88210		OMB No. Expires Jan	1004-0136 uary 31, 200	
UNITED STATE DEPARTMENT OF THE I	S INTERIOR			5. Lease Serial No.		
BUREAU OF LAND MANA	GEMENT			US NM 100586 6. If Indian, Allottee or Tribe Name		
APPLICATION FOR PERMIT TO D	RILL OR	REENTER		· N/A		14110
ia. Type of Work: DRILL CREENT	ER			7. If Unit or CA Agreen N/A	ement, Na	me and No.
	5		1. 7	8. Lease Name and W		. 1//
1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator		Single Zone 🔲 Multip	ole Zone	Wagon Whee 9. API Well No.	<u>1·13' Fe</u>	ederal #1
	Das in	Menrow, SW	1	MA 30 -	015-	33260
				10. Field and Pool, or I		
15 East 5 th Street, Ste. 1000, Tulsa, OK 74103	1	295-1710	en	Exploratory 11. Sec., T., R., M., er	Bik. and S	WEVAN OF Area
4. Lossilon of Well (Report lossilon clearly and in secondance with At surface 1080? from South Line and 1080? from W		RECEIV	ED			
At surface 1980' from South Line and 1980' from W At proposed prod. zone same	vest Luie	FEB 2 0 2		Sec. 13-22S-	-22E NM	1PM
14. Distance in miles and direction from nearest town or post office* 30 miles West and 4 miles South of Carlsbad, New	Mexico	OCD-ART	ESIA	12. County or Parish Eddy County		13. State NM
30 miles west and 4 miles South of Calibbad, item 15. Distance from proposed*		of Acres in lease	17. Specin	g Unit dedicated to this v		
location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 1980'		00 acres		640 acres		
18. Distance from proposed location*	19. Proposed Depth 20. BLM/			BIA Bond No. on file		· · · · ·
to nearest well, drilling, completed, applied for, on this lease, ft. N/A	9,800'			COB000011		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		oximate date work will sta	ri+	23. Belimated duration	n ·	
4364' GL	2/17/		CADIO	45 days	D WAT	CD DACIN
		ttachments				EK DASIN
The following, completed in accordance with the requirements of Onsl	hore Oil and C	Gas Order No.1, shall be at	tached to this	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. 		4. Bond to cover the ltem 20 above).	he operation	ns unless covered by an	existing b	ond on file (see
3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	m Lands, the	5. Operator certific 6. Such other site authorized office	specific infe	ormation and/or plans a	s may be	required by the
25. Signature	Na	me (Printed/Typed)			Date	
25. Signature		Steve Simonton			<u> </u>	-14-04
Title Cimarex Energy Co. Drilling Superintendent						
Approved by (Signature) /S/ Joe G. Lara	Ne	me (Prinsed/Typed) /S/ .	Joe G. 1	Lara	Dele 7	FEB 2004
Title ACTING FIELD MANAGER	. 0	líice CA	RLSBA	AD FIELD OF	FICE	
Application approval does not warrant or certify the the applicant holds operations thereon.	s legal or equi	table title to those rights in	the subject	lease which would entitle	a the appli	cant to conduct
Conditions of approval, if any, are attached.		A	APPRO	VAL FOR 1	YFAR	þ
Title 16 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make	it a crime for	r any person knowingly an				
States any false, fictitious or fraudulent statements or representations as *(Instructions on reverse)	a to any matte	r within its jurisdiction.				
Please address inquiries, question if any, to Will Reagan at the addre Reagan Resourc 2525 NW Expres	ss showi ces, Inc. ssway, Su	n below: ite 316	s and d	eficiency staten	nents,	
Oklahoma City, (105) 242 2727	Okiahoma	13112				

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

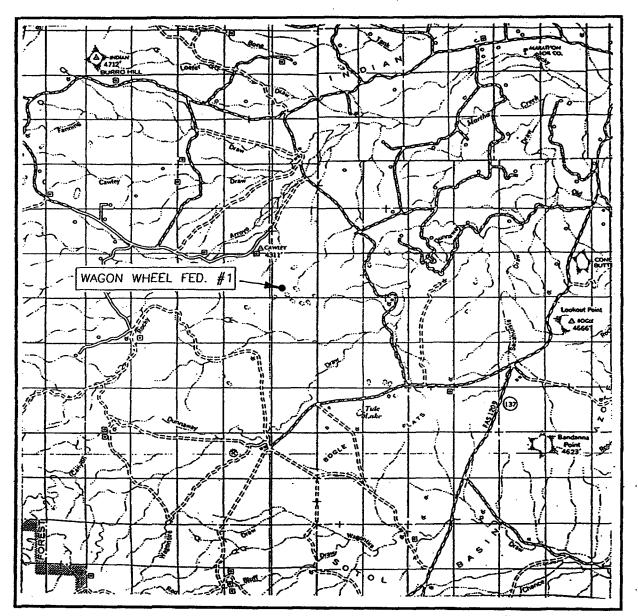
↑ U.S. Government Printing Office 2001-773-001/46034

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	TRICT I					State -	of New	w Mexico			For	m C-102
P.O .	Box 1960, Hobbs	I, DIME 20241-19	150		Energy,	Minerals and	d Natural I	Resources Department	nt		Revised Februar	
	STRICT II Drawer DD, Arte	sie, NM 68211	-0719	OIL	CON		ATI Box 2	ON DIV 088	ISIG	Submit ON	to Appropriate Dist State Lease - Fee Lease -	- 4 Copies
	STRICT III 9 Rio Brazos I	Rd., Astec, N	M 87410	Santa Fe, New Mexico 87504-2088								
	DISTRICT IV 2.0. BOX E086, SANTA PE, N.M. 87504-2065 WELL LOCATION AND ACREAGE DEDICATION PLAT AMENDED REPORT										REPORT	
ſ	API	Number	<u> </u>	Pool Code Pool Name								
	Property	Code			WAG		erty Nam [EEL]	FEDERAL			Well Num 1	iber
	OGRID N	0.			CIMARE	•	ator Nam RGY	e COMPANY			Elevation 4364'	
•	·····		·····			Surfa	ce Loca	ation				
0	L or lot No.	Section	Township	Range	Lot Idn	Feet fre	om the	North/South li	ne	Feet from the	East/West line	County
	к	13	22-S	22-E		198	0	SOUTH		1980	WEST	EDDY
				Bottom	Hole Loo	cation 1	lf Diffe	rent From	Surfa	ce	_	
U	L or lot No.	Section	Township	Range	Lot idn	Feet fre	om the	North/South li	ne	Feet from the	East/West line	County
	edicated Acre	s Joint o	r Infili Co	nsolidation	Code Or	der No.		L	I		L	I
,	NO ALLO	OWABLE W						INTIL ALL IN APPROVED B			EEN CONSOLIDA	ATED
[<u> </u>	1					1			OPERATO	R CERTIFICAT	TION
	I hereby certify the the information contained herein is true and complete to the											
										besi of my know	vledge and belief.	
		j			1		i					

	Signature Printed Name Title Date
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. JANUARY 07, 2004
	Date Surveyed Signature & See 50 Protestornat Surveyer ME 0311413 Certaine No. CART EDGEN 12841 MOFSSION

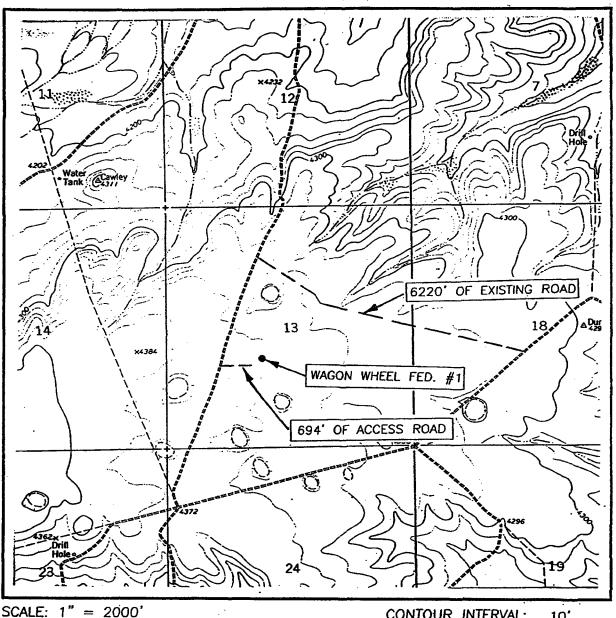
VICINITY MAP



SEC.:. 13 TWP. 22-S RGE. 22-E SURVEY N.M.P.M. COUNTY EDDY DESCRIPTION 1980' FSL & 1980' FWL ELEVATION 4364' OPERATOR CIMAREX ENERGY COMPANY LEASE WAGON WHEEL FEDERAL SCALE: 1" = 2 MILES

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

LOCATION VERIFICATION MAP



SEC. <u>13</u> TWP. <u>22-S</u> RGE. <u>22-E</u> SURVEY <u>N.M.P.M.</u>

COUNTY_____EDDY

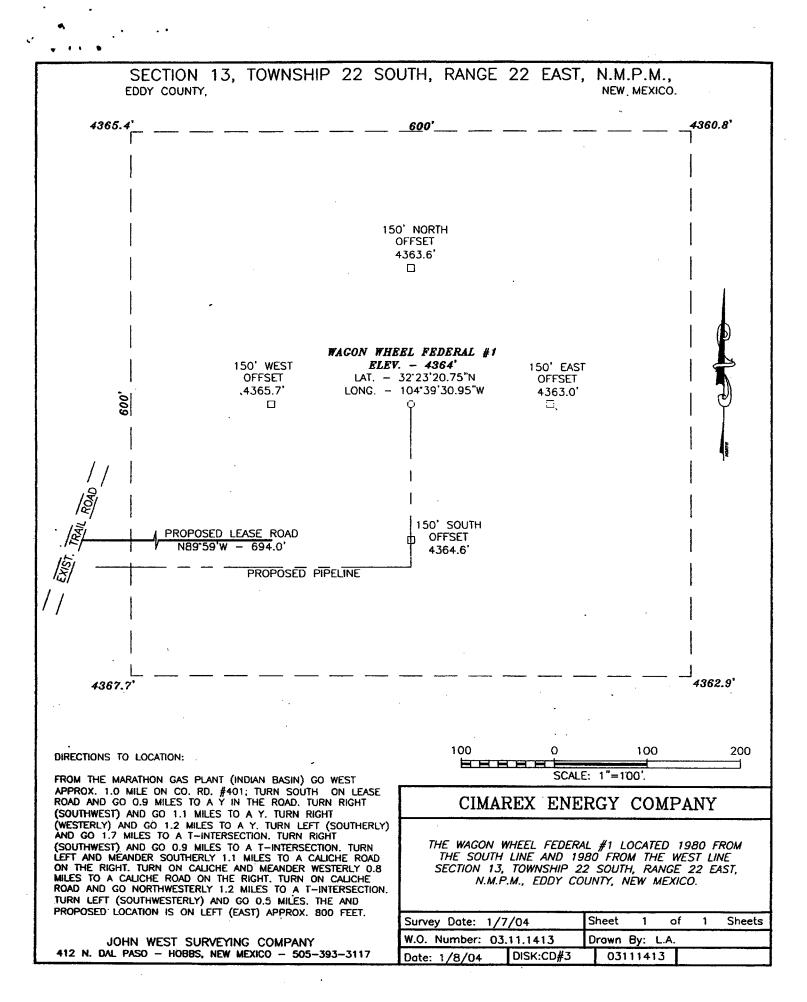
DESCRIPTION <u>1980' FSL & 1980' FWL</u> ELEVATION <u>4364'</u>

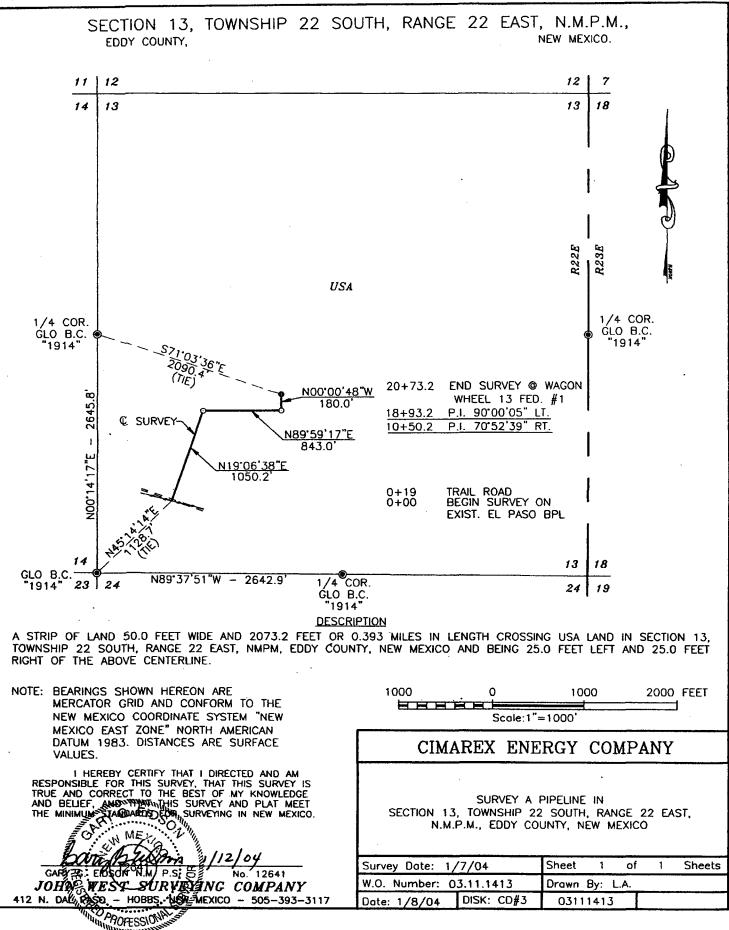
OPERATOR <u>CIMAREX ENERGY COMPANY</u> LEASE <u>WAGON WHEEL FEDERAL</u> U.S.G.S. TOPOGRAPHIC MAP

CAWLEY DRAW, N.M.

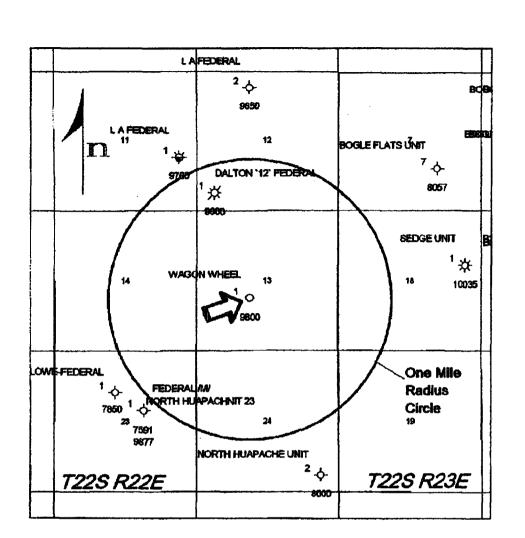
CONTOUR INTERVAL: 10' CAWLEY DRAW, N.M.

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117





AROFESSION

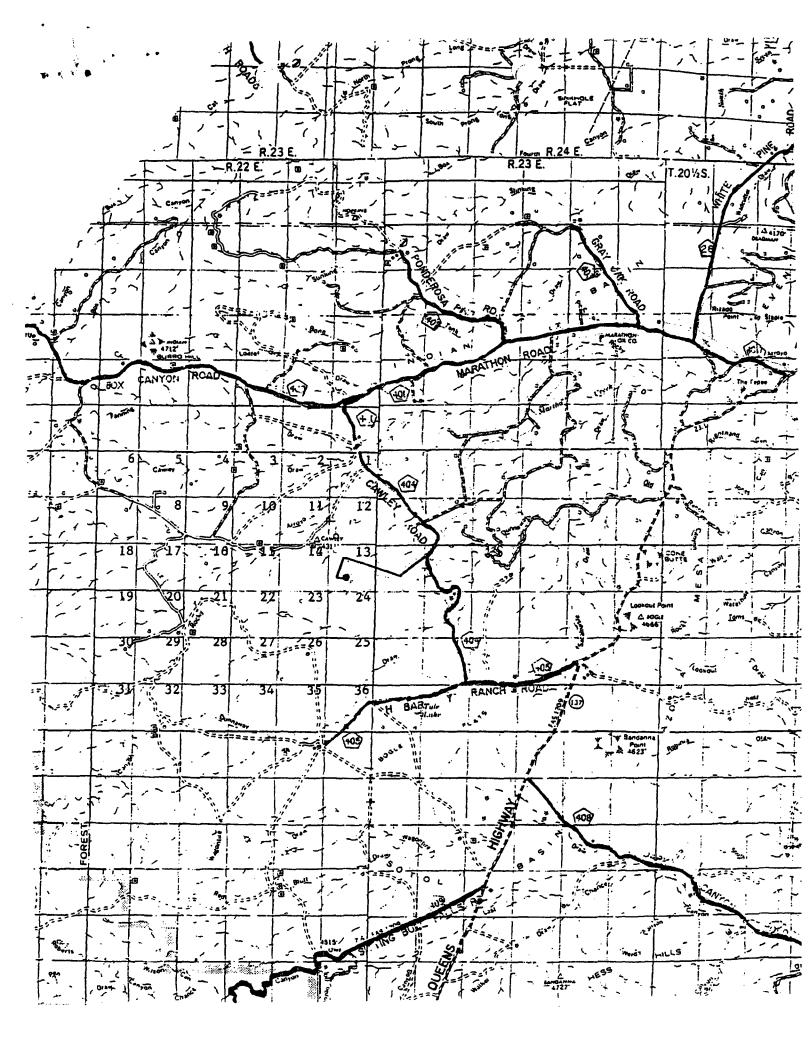


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1 inch = 4000 feet

Cimarex Energy Co. Location Plat Proposed Wagon Wheel "13" Federal #1 1980' FSL 1980' FWL Sec. 13-T228-R22E Eddy Co, NM Author: Date Rationsbacher Scale: 1"=4000'



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Roswell Resource Area P.O. Drawer 1857 Roswell, New Mexico 88202-1857

Statement Accepting Responsibility for Operations

Operator Name	:	Cimarex Energy Co.
Street or Box	:	15 East 5 th Street, Ste. 1000
City, State	:	Tulsa, Oklahoma
Zip Code	:	74103

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No.: US NM 100586

Legal Description of Land: 1980' FSL and 1980' FWL Section 13-T22S-R22E, NMPM, Eddy County, New Mexico (Wagon Wheel '13' Federal #1)

Formation(s) (if applicable): Morrow

Bond Coverage: (State if individually bonded or another's bond)

BLM Bond File No.: COB000011

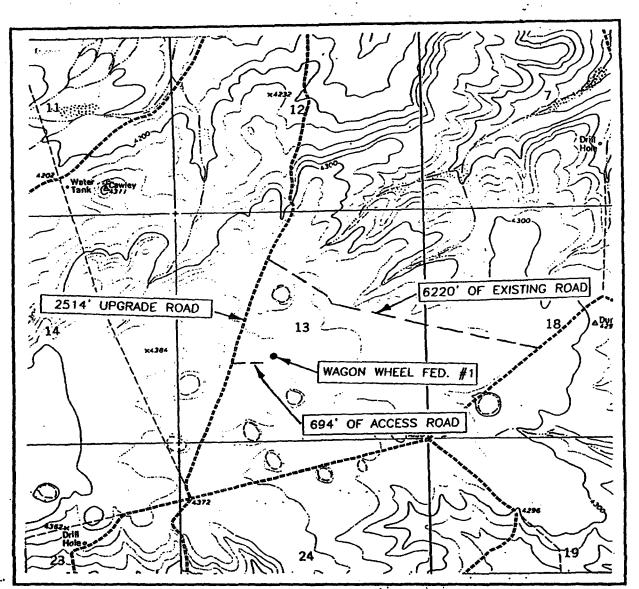
Authorized Signature 6 Steve Simonton

Title:Drilling Superintendent

Date: 1/21/04

DISTRICT I P.O. Box 1980, Hobbs DISTRICT II P.O. Deswer DD, Arte: DISTRICT III			OIL	CON	P.O. Box 2	Residurées Department ON DIVIS	Submit ION	For Revised Februar to Appropriate Dis State Lease Fee Lease	rict - 4
1000 Rio Brazos R DISTRICT IV P.O. BOX 2066, SANTA						GE DEDICATI	ON PLAT	T AMENDED	RE
API	Number		1	Pool Code			Pool Name		
Property (Code		L		Property Nam ON WHEEL			Well Num 1	ıber
OGRID N	D.			<u> </u>	Operator Name CX ENERGY)e		Elevatio 4364	
		I			Surface Loca	ation			
UL or lot No. K	section 13	Township 22-S	Range 22–E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1980	East/West line WEST	c. E
L				Hole Lo	1	rent From Sur		1	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Ca
Dedicated Acre	s Joint o	r Infill C	onsolidation (Code Oi	der No.	<u> </u>	l	<u> </u>	L
/ 	 			∤ <u> </u> (Simetye	vedge get betief. Jeroso ve J. S. May Supt. by	10
	 4	+365.4' F -60	4360.8'		 : COORDINATES		SURVEYO	DR CERTIFICAT y that the well locat as plotted from field	ion s

LOCATION VERIFICATION MAP



SCALE: 1'' = 2000'

SEC. <u>13</u> TWP. <u>22-S</u> RGE. <u>22-E</u> SURVEY <u>N.M.P.M.</u> COUNTY <u>EDDY</u> DESCRIPTION <u>1980' FSL & 1980' FWL</u> ELEVATION <u>4364'</u> OPERATOR <u>CIMAREX ENERGY COMPANY</u> LEASE <u>WAGON WHEEL FEDERAL</u> U.S.G.S. TOPOGRAPHIC MAP CAWLEY DRAW, N.M. CONTOUR INTERVAL: 10' CAWLEY DRAW, N.M.

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

ONGARD C101-APPLICATION FOR PERMIT TO DRILL OG6C101 OGOMES -TPXL OGRID Idn : **17891** API Well No: **30 15 32050** APD Status(A/C/P): C Opr Name, Addr: POGO PRODUCING CO Aprv1/Cncl Date : 06-06-2003 PO BOX 10340 MIDLAND, TX 79702-7340

ONGARD

Prop Idn: 28497 DALTON 13 FEDERAL

CMD :

Well No: 2

11/02/04 13:34:15

U/L Sec Township Range Lot Idn North/South East/West Surface Locn : C1322S22EOCD U/L: CAPI County : 15 FTG 660 F N PTG 1400 F W

Work tvp(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : R Lease typ(F/S/P/N/J/U/1): F Ground Level Elevation : 4350

State lease No: NM 100586 Multiple Comp (S/M/C) : S Prpsd Depth : 10000 Prpsd Frmtn : UND MORROW

E6927: Well is cancelled

PF01 HELP	2102	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PP67	PF08	PF09 PRINT	2F10 C102	PF11 HISTORY	PF12

Apphilism Duller well more duller

r'orm 3170-3 (July 1992)		OF THE I	NTE	N. M. Officer	eți ide	FORM AP OMB NO. 1 Expires: Febru 5. lease dbsignation NM-100586	1004-0136 ury 28, 1995
		LAND MANA	_			6. IF INDIAN, ALLOTTE	
APPL	ICATION FOR P	ERMIT TO	DRIL	L OR DEEPEN			E OR TRIBE NAME
14. TYPE OF WORK		DEEPEN				7. UNIT AGREEMENT I	AND
b. TYPE OF WELL		DEFEN					
	WELL X OTHER	61		EINGLE X MULTH		S. FARM OR LEASE NAME, WE	
2. NAME OF OPERATOR	178	11				DALTON "13" FE	DERAL # 2
POGO PRODUCIN		(RICHARD	WRIG	GHT 915-685-814(·)	9. AP WELLNO.	
3. ADDRESS AND TELETHONE NO. P.O. BOX 1034	O MIDLAND, TEX	AS 79702-73	40	(915-695-8100)		10. FIELD AND POOL	<u>s-52050</u>
4. LOCATION OF WELL (E	Report location clearly and			State requirements.")			
At surface	00' FWL SEC. 13	T225-R221	E EL	DY CO. NM	,C-	UNDES MORROW	BLK.
At proposed prod. zos				$T_{22S-R22E}$		AND SURVEY OR AL	
		Blect To E	KE 🔊	T225-R22E		SEC. 13 T2	2S-R22E
	AND DIBECTION FROM NEA	REST TOWN OR POS	T OFFIC	2 E +		12. COUNTY OR PARISE	13. STATE
	7 30 miles West	of Carlsbad				EDDY CO.	NEW MEXICO
13. DISTANCE FROM PROP LOCATION TO NEARES	T		16. N	0. OF ACRES IN LEASE		PF ACRES ABSIGNED	
PROPERTY OR LEASE 1 (Also to Dearest dr)	g. unit line, if any i	660'		640	.	320	
15. DISTANCE FROM FROM TO NLAREST WELL, D OR APPLIED FOR. ON TH	RILLING, COMPLETED.	000'		ROPOSED DEPTH	1	ey or cable tools TARY	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	4350' G	R. C .	Helend Controlled W	ater Bee	22. APPROL. DATE WO WHEN APPROV	
23.		PROPOSED CASE	NG AN	D CEMENTING PROGRAM			
SIZE OF BOLE	GRADE, SIZE OF CASING	WEIGHT PER PO)OT	SETTING DEPTH	1	QUANTITY OF CEMEN	
25''	Conductor	NA		40'	Cement	to surface with	th Redi-mix.
<u></u>	J-55 13 3/8"	54.5		1000'	1200 5	Sx. circulate c	ement to surface.
124"	J-55 9 5/8"	40		2300'	1000 5	Sx. "	17 11 11
	N-80 7"	26		7610' MD	775 Sx	x. 3 stages to	p of cement 1800'
6 1/8"	<u>N-80 5" </u>	18		10,000'	200 Sz	c. cement to t	op of liner
Pogo	SEE Producing Compan	ATTACHED S		esponsibility f	GENEI SPECI ATTAC		ENTS AND
N ABOVE SPACE DESCRIBE	E PROPOSED PROGRAM: If a nent data on subsurface location	proposal is to deepen, g s and measured and th	ive data se vertica	on present productive zone a al depths. Give blowout preven	nd proposed ter program, i	new productive zone. It pro	and the first of t
BIGNED TO P	7 Janu	<u>a</u> 1171	.E	Agent		DATE 07/09/	ANTES COLUMNIE
(This space for Feder	al of State office use)						
PERALIT NO	V			48880141 P. ***			
Application approval does no CONDITIONS OF APPROVAL	ot warrant or certify that the appl	icant bolds legal or equ		APPBOVAL DATE	ase which wo	ald entitle the applicant to con	duct operations thereon.
/S/ L	ESLIE A THE		FIE	LD MANAGER		DATE 0CT 15	2001
the 18 ILS C. Section		*See Instruc	tions (On Reverse Side	AP		T 1 YEAR

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

POGO PRODUCING COMPANY DALTON "13" FEDERAL # 2 UNIT "C" SECTION 13 T22S-R22E EDDY CO. NM

- 1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
- 2. Drill 17½" hole to 1000'. Run and set 1000' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 1200 Sx. of Class "C" cement + 2% CaCl + ½# Flocele/Sx., circulate cement to surface.
- 3. Drill 12½" hole to 2300'. Run and set 2300' of 9 5/8" 40# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + 2% CaCl, + ½# Flocele/Sx. circulate cement to surface.
- 4. Drill 8½" hole to 7610' MD. Run and set 7610' of 7" 26# N-80 ST&C casing. Cement in three stages, DV Tools at 6000'±, 4500'±. 1st stage cement with 225 Sx. of Class "H" + additives, 2nd stage cement with 200 Sx. of Class "H" + additives. 3rd stage cement with 350 Sx. of Class "C" cement + additives. Estimate top of cement 1800' from surface.
- 5. Drill 6 1/8" hole to 10,000'. Run and set a 5" 18# N-80 ST&C liner from 10,000 TVD. Cement with 200 Sx. of Class "H" Premium Plus cement + additives. Cement to top of liner at 7400'.

DISTRICT I

P.O. Bear 1980, Robba, NM 88341-1980

DISTRICT II P.O. Deuwer DD, Artesia, NM 88211-0719

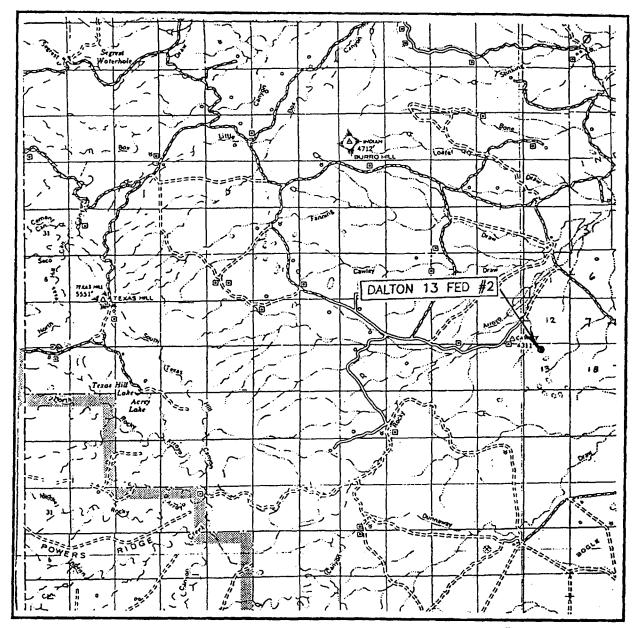
DISTRICT III 1000 Elo Brasos Rd., Asteo, NM 87410 State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088 Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

A 707	Number	T		Pool Code	<u> </u>		Pool Name		REPORT	
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17891]	POGO E	PRODUCING	COMPANY		4350)'	
					Surface Loca	ation				
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С	13	22-S	22E		660	NORTH	1400	WEST	EDDY	
Bottom Hole Location If Different From Surface										
L or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
D	13	22-S	22-E		· 660	NORTH	660	WEST	EDDY	
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VICINITY MAP

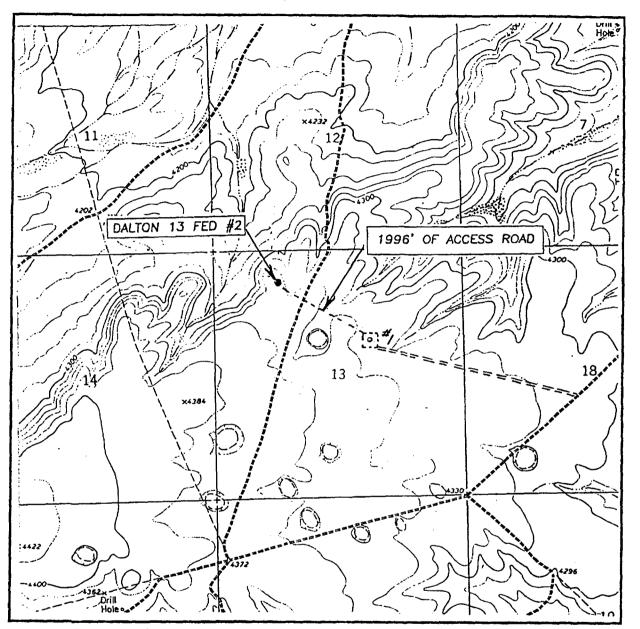


SCALE: $1^* = 2$ MILES

SEC. <u>13</u> TWP. <u>22-S</u> RGE. <u>22-E</u> SURVEY <u>N.M.P.M.</u> COUNTY <u>EDDY</u> DESCRIPTION <u>660' FNL & 1400' FWL</u> ELEVATION <u>4350'</u> OPERATOR <u>POGO PRODUCING COMPANY</u> LEASE <u>DALTON 13 FEDERAL</u>

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

SEC. <u>13</u> TWP. <u>22–S</u> RGE. <u>22–E</u> SURVEY <u>N.M.P.M.</u> COUNTY <u>EDDY</u> DESCRIPTION <u>660' FNL & 1400' FWL</u> ELEVATION <u>4350'</u> OPERATOR <u>POGO PRODUCING COMPANY</u> LEASE <u>DALTON 13 FEDERAL</u> U.S.G.S. TOPOGRAPHIC MAP CRAWLEY DRAW, N.M. CONTOUR INTERVAL: 20' CAWLEY DRAW, N.M.

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

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