Office		of New Mex			Form C-103
District I	Energy, Mineral	ls and Natur	ral Resources		June 19, 2008
1625 N French Dr., Hobbs, NM 88240				WELL API NO	).
District II	OIL CONSER	VATION	DIVISION	30-015-37637	
1301 W. Grand Ave , Artesia, NM 88210				<ol><li>Indicate Typ</li></ol>	be of Lease
<u>District III</u> 1000 Rio Brazos Rd, Aztec, NM 87410		th St. Fran		STATE	⊠ FEE □
District IV	Santa l	Fe, NM 87.	505	6. State Oil & (	Gas Lease No.
1220 S. St. Francis Dr, Santa Fe, NM					
87505 CLD ID DV NOTICE	O AND DEDODES	ON WELLS			
SUNDRY NOTICE			IO DAOV TO A		or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSAL	ON EOR DERMIT" (EO	EEPEN OR PLU	R SHICE		hoctaw State
(DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR USE "APPLICAT PROPOSALS.)	ion round in the control of the cont	REC	=IVED	8. Well Number	er
1. Type of Well: Oil Well  Ga	s Well 🔲 Other				04
2. Name of Operator		CED (	07 2010	9. OGRID Nun	mber
COG Operating LLC		JLI '	1	229137	
3. Address of Operator		111000	ARTESIA	10. Pool name	or Wildcat
550 W. Texas Ave., Suite 1300 Midla	nd TX 79701	NWOCD	ARTLON		lorieta-Yeso 26770
				11011, 01	20770
4. Well Location					
Unit Letter A: 33	80 feet from the	_North lii	ne and <u>380</u> fe	et from the <u>East</u>	line
Section 16	Township 17S	Range	31E NMP	M Cou	inty Eddy
	1. Elevation (Show)				
	3876		Tanb, R1, OR, ele		
and the state of t	3670	JUK			
12. Check App	propriate Box to 1	Indicate Na	ature of Notice,	Report or Othe	er Data
	-			•	
NOTICE OF INTE	ENTION TO:		SUE	BSEQUENT R	EPORT OF:
PERFORM REMEDIAL WORK P	LUG AND ABANDO	N □	REMEDIAL WOR	RK 🔲	ALTERING CASING
TEMPORARILY ABANDON 🗍 C	HANGE PLANS		COMMENCE DR	ILLING OPNS.	
	ULTIPLE COMPL		CASING/CEMEN		
	IULTIPLE COMPL		CASING/CEMEN	IT JOB	
DOWNHOLE COMMINGLE					
			OTHER: Co	mpletion	$\square$
OTHER:					
OTHER:  13. Describe proposed or complete	d operations. (Clear	rly state all p			ates, including estimated date
			ertinent details, ar	nd give pertinent d	
13. Describe proposed or complete of starting any proposed work)			ertinent details, ar	nd give pertinent d	
13. Describe proposed or complete of starting any proposed work) or recompletion.	. SEE RULE 1103.		ertinent details, ar	nd give pertinent d	
<ul><li>13. Describe proposed or complete of starting any proposed work) or recompletion.</li><li>7/9/10 MIRU. Tag DV tool @ 28</li></ul>	SEE RULE 1103.  O9'. Drill out.		ertinent details, ar	nd give pertinent d	
<ul> <li>13. Describe proposed or complete of starting any proposed work) or recompletion.</li> <li>7/9/10 MIRU. Tag DV tool @ 28 7/15/10 Test casing to 4500 psi f</li> </ul>	. SEE RULE 1103. 309'. Drill out. or 30 mins. Ok.	For Multiple	ertinent details, ar e Completions: A	nd give pertinent d	
13. Describe proposed or complete of starting any proposed work) or recompletion.  7/9/10 MIRU. Tag DV tool @ 28  7/15/10 Test casing to 4500 psi f  7/16/10 Perf Lower Blinebry @ 6	SEE RULE 1103. 509'. Drill out. or 30 mins. Ok. 170-6370 w/ 1 S	For Multiple PF, 26 hole	ertinent details, ar e Completions: A es.	nd give pertinent d ttach wellbore dia	gram of proposed completion
13. Describe proposed or complete of starting any proposed work) or recompletion.  7/9/10 MIRU. Tag DV tool @ 28  7/15/10 Test casing to 4500 psi from 17/16/10 Perf Lower Blinebry @ 6  7/20/10 Acidize w/3,500 gals acid	. SEE RULE 1103. 609'. Drill out. or 30 mins. Ok. 170-6370 w/ 1 S d. Frac w/124,19	For Multiple PF, 26 hole 5 gals gel,	ertinent details, ar e Completions: A es. 145,405# 16/4	nd give pertinent di ttach wellbore dia 0 White Sand,	gram of proposed completion 35,057# 16/30
13. Describe proposed or complete of starting any proposed work) or recompletion.  7/9/10 MIRU. Tag DV tool @ 28  7/15/10 Test casing to 4500 psi from 57/16/10 Perf Lower Blinebry @ 67/20/10 Acidize w/3,500 gals acid Siberprop. Set comp plug @ 612	. SEE RULE 1103. 609'. Drill out. or 30 mins. Ok. 170-6370 w/ 1 S d. Frac w/124,19 0. Perf Middle Bl	For Multiple PF, 26 hole 5 gals gel, linebry @ 5	ertinent details, ar e Completions: A es. 145,405# 16/4 5900-6100 w/1	d give pertinent di ttach wellbore dia 0 White Sand, SPF, 26 holes.	gram of proposed completion 35,057# 16/30 . Acidize w/3,500 gals
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13. Describe proposed or complete of starting any proposed work) or recompletion.  7/9/10 MIRU. Tag DV tool @ 28 7/15/10 Test casing to 4500 psi from 7/16/10 Perf Lower Blinebry @ 6 7/20/10 Acidize w/3,500 gals acid Siberprop. Set comp plug @ 612 acid. Frac w/123,630 gals gel, 14 Perf Upper Blinebry @ 5630-583 140,960# 16/30 White Sand, 32, SPF, 16 holes. Acidize w/ 2,982 g Siberprop.  7/26/10 Drill out plugs. Clean out 7/27/10 RIH w/194jts 2-7/8" J55 6 7/28/10 RIH w/ 2-1/2"x2"x24' pun Spud Date:  6/22/10	SEE RULE 1103.  309'. Drill out. or 30 mins. Ok. 170-6370 w/ 1 S d. Frac w/124,19. 0. Perf Middle Bl. 2,953# 16/30 W/ 0 w/ 1 SPF, 26 h 157# 16/30 Siber gals acid. Frac w to PBTD 6680. 5.5# tbg, SN @ 6 np. Hang on well Rig	PF, 26 hole 5 gals gel, linebry @ 5 hite Sand, noles. Acidi rprop. Set of 111,837 (	es. 145,405# 16/4 5900-6100 w/1 31,554# 16/30 ize w/3,500 gal comp plug @ 5 gals gel, 115,1	of give pertinent distrach wellbore dia trach wellbore dia trach wellbore dia trach wellbore dia separate dia	35,057# 16/30 . Acidize w/3,500 gals t comp plug @ 5860. 122,915 gals gel, lock @ 5084- 5174 w/ 1 te Sand, 25,455# 16/30
13. Describe proposed or complete of starting any proposed work) or recompletion.  7/9/10 MIRU. Tag DV tool @ 28 7/15/10 Test casing to 4500 psi from 7/16/10 Perf Lower Blinebry @ 6 7/20/10 Acidize w/3,500 gals acid Siberprop. Set comp plug @ 612 acid. Frac w/123,630 gals gel, 14 Perf Upper Blinebry @ 5630-583 140,960# 16/30 White Sand, 32, SPF, 16 holes. Acidize w/ 2,982 g Siberprop.  7/26/10 Drill out plugs. Clean out 7/27/10 RIH w/194jts 2-7/8" J55 6 7/28/10 RIH w/ 2-1/2"x2"x24' pun Spud Date:  6/22/10	SEE RULE 1103.  109'. Drill out. 170-6370 w/ 1 S 1. Frac w/124,19 10. Perf Middle Bl 12,953# 16/30 W/ 10 w/ 1 SPF, 26 h 157# 16/30 Siber 157# 16/30 Siber 158 acid. Frac w 150 PBTD 6680. 15.5# tbg, SN @ 6 15.5# tbg, SN @ 6 15.5# tag on well 15 Rig	PF, 26 hole 5 gals gel, linebry @ 5 hite Sand, noles. Acidi rprop. Set of 111,837 gals and lete to the best of the	es. 145,405# 16/4 5900-6100 w/1 31,554# 16/30 ize w/3,500 gal comp plug @ 5 gals gel, 115,1	0 White Sand, SPF, 26 holes. Siberprop. Sets acid. Frac w/195. Perf padd 93# 16/30 Whit	35,057# 16/30 . Acidize w/3,500 gals t comp plug @ 5860. 122,915 gals gel, lock @ 5084- 5174 w/ 1 te Sand, 25,455# 16/30
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OPERATOR COG

WELL/LEASE Choctaw State 4

COUNTY Eddy

RECEIVED
SEP 07 2010
NMOCD ARTESIA

STATE OF NEW MEXICO DEVIATION REPORT

30-015-37637

258	0.50
437	1.00
636	0.75
1098	0.50
1543	0.75
1987	0.75
2462	0.75
`2906	0.50
3319	1.00
3739	0.25
4176	0.50
4649	0.75
5126	0.50
5568	1.00
6043	0.75
6518	1.00

SIGNED BY:

TEVE MOCOY, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS \_\_\_\_\_\_\_\_\_, DAY OF \_\_\_\_\_\_\_\_\_, 2010, BEFORE ME, J ROBERTSON, A NOTARY PUBLIC, PERSONALLY APPEARED STEVE MCCOY, WHO ACKNOWLEDGED AND EXECUTED THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.

(SEALI) ROBERTSON
MY COMMISSION EXPIRES
August 23, 2011

NOTARY PUBLIC

Submit To Appropriate District Office State Lease - 6 copies  State of New Me											Form C-105
Fee Lease - 5 copies District I		Energy, Minerals and Natural Resources						WELL API	NO.	K	evised June 10, 2003
1625 N French Dr , H District II	lobbs, NM 88240		01.0		D			30-015-37637			
1301 W Grand Avenu	1301 W Grand Avenue, Artesia, NM 88210					5. Indicate Type of Lease					
	District III 1000 Rio Brazos Rd , Aztec, NM 87410 Santa Fe, NM 87505						E 🗵	FEE			
District IV 1220 S St Francis Dr	, Santa Fe, NM 875	)5	Santa	re, NIVI	8/505			State Oil & O	Gas Lease	No.	
WELL CO	OMPLETION	MPLETION	REPOR	RT AND	LOG			10-12-12		The state of the s	
la. Type of Well Oll WEL	L 🛛 GAS WE	ELL  DRY	☐ OTHER					7 Lease Name	or Unit Agre	ement Na	nme
	etion /ORK	PEN  PLUC BAC			REIV.	/FD	1		Choc	ctaw Stat	te
2. Name of Operato			1425 ***	11		Lan las		8 Well No	· · · · · · · · · · · · · · · · · · ·		
COG Operati	ng LLC			SE	P 07	2010				004	
3 Address of Opera				1			$\top$	9 Pool name or			
550 W Texa	s Ave., Suite	300 Midland	TX 79701	NMO	CD AF	RTESIA	7	Fern:	Glorieta-	-Yeso	26770
4 Well Location	is reven, state		, / / / / /						- Cioriota		20170
Unit Letter	<u>A</u> 330	Feet From The_	North	Line	and	380		Feet From The _	East		Line
	16		17S	Range	31E			NMPM			Eddy County
10. Date Spudded 6/22/10	7/1/10	)	Oate Compl. (Rea 7/28/	10			38	& RKB, RT, GR, 876 GR	etc)	14 Elev (	Casinghead
15. Total Depth	16 Plug E	Back T.D	17 If Multiple Zones?	Compl How	Many	18. Interv		Rotary Tools		Cable T	ools
6730		6680				Difficu b	·y	X			
19. Producing Inter-		5084 - 6		Yeso				20	). Was Dire	ctional Su N	•
21. Type Electric ar			OF! /!!	1100				22 Was Well (	Cored	~	
22	CN	I / HNGS, Mi			)D (D	4 11	<del></del>	<u></u>	- 11\	No	
CASING SIZE	. WEIG	HT LB /FT	DEPTH			ort all s	strii	ngs set in we		T 48	MOUNT PULLED
13 3/8	WEIC	48	474			17 ½		500 s		- An	MOUNT FULLED
8 5/8		32	190	)		11		600 sx			***************************************
5 ½		17	673	)		7-7/8		1550 sx			
`			<u></u>					<u> </u>	<del>-</del>	<u> </u>	
SIZE	ТОР	ВОТТОМ	LINER REC	CORD S CEMENT	SCREEN	1	25 SI2		JBING RE DEPTH SI		PACKER SET
SIZE	101	ВОТТОМ	SACK	3 CEIVIENT	SCREEN	N	312	2 7/8"	6149	E 1	PACKER SET
							$\vdash$	2 770	0113		
26. Perforation re			L					ACTURE, CEN	MENT, SQ	UEEZE,	ETC.
5084 - 5174						INTERVAI		AMOUNT AN			
	1 SPF, 26 hole 1 SPF, 26 hole					$\frac{34-5174}{5020}$				attachme	
6170 - 6370						$\frac{30-5830}{6100}$				attachme	
0170 - 0370	1 511, 20 11010	S OI LIV				$\frac{00 - 6100}{0 - 6370}$				attachme attachme	
28				PD/	DDUCT				366.5	maciiiie	om
Date First Production	on	Production Met	hod (Flowing, ga				))	Well Status (	Prod or Shi	ut-ın)	
7/28/	10	Pii	imping using	a 2 ½" x 2	" x 24" ni	ımp			$\mathbf{p}_1$	roducing	)
Date of Test	Hours Tested	Choke Size	Prod'n	For	Oil - Bbl		Ga	s – MCF	Water B		Gas – Oil Ratio
8/11/10	24		Test Pe	riod		33		2.4			
Flow Tubing	Casing Pressure	Calculated	24- Qıl – B	hl		- MCF	L	34 Water – Bbl.	43		DI (Com)
Press	Casing Pressure	Hour Rate	24- 011-6	UI .	Gas	- MCr	1	water – Boi.	0110	•	PI – (Corr) <b>34.5</b>
29. Disposition of C	Gas (Sold, used for	fuel, vented, etc)	,						est Witness		
30. List Attachment	S		Sold			····				iviark i	Diemei
				Logs, C10	2, C103,	C104					
31 I hereby certif	y that the inforn	ation shown on	t both sides of t	his form as	true and c	omplete to	the	best of my know	vledge ana	belief	
/	Y VACI &	$\mathcal{M}$	Printed								
Signature C E-mail Address	Signature Name Chasity Jackson Title Agent for COG Date 8/25/10 E-mail Address cjackson@conchoresources.com										

e)

# Choctaw State #4 API#: 30-015-37637 EDDY, NM

# C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED					
5084 - 5174 Acidize w/ 2,982 gals acid.						
	Frac w/ 111,837 gals gel, 115,193# 16/30 White					
25,455# 16/30 Siberprop sand.						

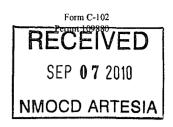
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED					
5630 - 5830	Acidize w/ 3,500 gals acid.					
	Frac w/ 122,915 gals gel, 140,960# 16/30 White					
	32,157# 16/30 Siberprop sand.					

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.							
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED							
5900 - 6100	Acidize w/ 3,500 gals acid.						
	Frac w/ 123,630 gals gel, 142,953# 16/30 White						
	31,554# 16/30 Siberprop sand.						

27. ACID, SHOT, FF	ACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED					
5900 - 6100 Acidize w/ 3,500 gals acid.						
	Frac w/ 124,195 gals gel, 145,405# 16/40 White					
35,057# 16/30 Siberprop sand.						

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505



WELL LOCATION AND ACREAGE DEDICATION PLAT

17.44	DEFECT OF THE PROPERTY	1022				
1. API Number	2. Pool Code 3. Pool Name					
30-015-37637	26770	FREN; GLORIETA-YESO				
4. Property Code	5. Property N	ame 6. Well No.				
302471	CHOCTAW S	TATE 004				
7. OGRID No.	8. Operator N	ame 9. Elevation				
229137	COG OPERATI	NG LLC 3876				

10. Surface Location

										_
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	ĺ
A	16	17S	31E		330	N	380	E	EDDY	

11. Bottom Hole Location If Different From Surface

	227 DOWN HOLD DOWN AT DIRECT TO SHEET										
ı	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Li	ine	Feet From	E/W Line	County
		cated Acres	13	oint or Infill		4. Consolidation	Code			15. Order No.	

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

		•

## **OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Diane Kuykendall Title: Regulatory Analyst Date: 3/1/2010

### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Ronald Eidson Date of Survey: 2/15/2010 Certificate Number: 3239