


Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, 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 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-35922 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF WELL OVER BACK RESVR. <input type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name STATE S-19					
2. Name of Operator COG Operating LLC		8 Well No 33					
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9 Pool name or Wildcat EMPIRE GLORIETA; YESO 96210					
4 Well Location Unit Letter <u>L</u> <u>1650</u> Feet From The <u>South</u> Line and <u>1250</u> Feet From The <u>West</u> Line Section <u>19</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>							
10 Date Spudded 12/27/07	11 Date T.D. Reached 1/10/08	12. Date Compl (Ready to Prod.) 1/29/08	13. Elevations (DF& RKB, RT, GR, etc.) 3668' GR	14. Elev. Casinghead			
15 Total Depth 5419	16 Plug Back T.D. 5378	17 If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By X	Rotary Tools X	Cable Tools		
19. Producing Interval(s), of this completion - Top, Bottom, Name 4455 - 5120 Yeso				20. Was Directional Survey Made No			
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS			22 Was Well Cored No				
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8-5/8	24	302	12-1/4	300			
5-1/2	17	5418	7-7/8	1600			
24. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN			25. TUBING RECORD SIZE DEPTH SET PACKER SET				
26 Perforation record (interval, size, and number) 4455 - 4655 - 2 SPF, 36 holes Open 4750 - 4850 - 2 SPF, 36 holes Open 4920 - 5120 - 2 SPF, 36 holes Open			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4455 - 4655 See attachment 4750 - 4850 See attachment 4920 - 5120 See attachment				
28. PRODUCTION							
Date First Production 1/30/08		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 20' pump		Well Status (Prod or Shut-in) Producing			
Date of Test 2/10/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 111	Gas - MCF 143	Water - Bbl 219	Gas - Oil Ratio 776
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr) 39.4	
29 Disposition of Gas (Sold, used for fuel, vented, etc) SOLD						Test Witnessed By Kent Greenway	
30. List Attachments Logs, C102, C103, Deviation Report, C104							
31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief							
Signature 		Printed Name Kanicia Carrillo		Title Regulatory Analyst		Date 03/03/08	
E-mail Address karrillo@conchoresources.com							

STATE S-19 #33
API#: 30-015-35922
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4455 - 4655	Acidize w/ 5,000 gals acid.
	Frac w/ 57,425 gals gel,
	13,582# SiberProp, & 86,667# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4750 - 4850	Acidize w/ 5,00 gals acid.
	Frac w/ 39,188 gals gel,
	11,525# SiberProp, & 34,800# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4920 - 5120	Acidize w/ 2,500 gals acid.
	Frac w/ 67,731 gals gel,
	14,984# SiberProp, & 75,284# 16/30 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

Form C-102
Permit 59494

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35922	2. Pool Code 96210	3. Pool Name EMPIRE; GLORIETA-YESO
4. Property Code 302569	5. Property Name STATE S-19	
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	6. Well No. 033
		9. Elevation 3668

10. Surface Location

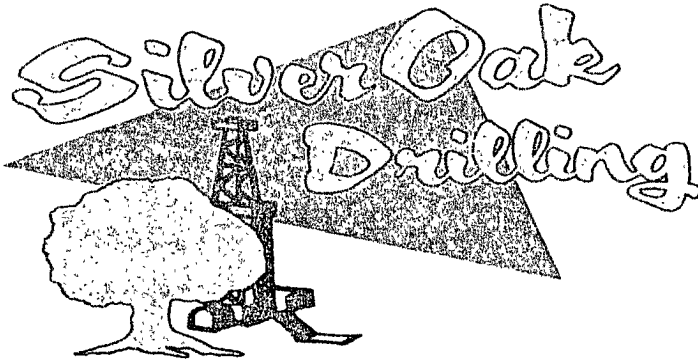
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
3	19	17S	29E		1650	S	1250	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 27.40		13. Joint or Infill		14. 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

	<p align="center">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>E-Signed By: Diane Kuykendall Title: Regulatory Analyst Date: 11/26/2007</p> <hr/> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Ronald Eidson Date of Survey: 7/31/2007 Certificate Number: 3239</p>
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PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

January 16, 2008

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: State S-19 #33
1650' FSL & 1250' FWL
Sec. 19, T17S, R29E
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

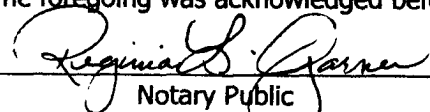
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
160.00	0.50	2792.00	1.75
262.00	0.50	2917.00	1.00
463.00	0.50	3163.00	1.00
711.00	0.50	3443.00	1.25
1060.00	0.25	3662.00	0.75
1274.00	1.00	3948.00	0.25
1518.00	0.25	4201.00	1.00
1838.00	0.50	4350.00	0.75
2077.00	0.75	4578.00	0.75
2294.00	0.75	4799.00	0.50
2542.00	1.00	5049.00	0.50

Very truly yours,


Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 16th day of January, 2008.


Notary Public

