

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. <div style="text-align: center;">30-015-34691</div> 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 <div style="text-align: center;">Mimosa State</div>
2. Name of Operator <div style="display: flex; justify-content: space-between;"> COG Operating LLC MAR 14 2008 </div>		8. Well No. <div style="text-align: center;">004</div>
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 K : 1403 Feet From The South Line and 1103 Feet From The West Line Section 30 Township 17S Range 29E NMPM Eddy County		
10. Date Spudded 12/16/07	11. Date T.D. Reached 12/24/07	12. Date Compl (Ready to Prod.) 01/14/08
13. Elevations (DF& RKB, RT, GR, etc.) 3647 GR		14. Elev Casinghead
15. Total Depth 4618	16. Plug Back T.D. 4599	17. If Multiple Compl How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools X
19. Producing Interval(s), of this completion - Top, Bottom, Name 4085 - 4353 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
8 5/8	32	346
5 1/2	17	4616
24. LINER RECORD		
SIZE	TOP	BOTTOM
25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2-7/8	4361.11	
26. Perforation record (interval, size, and number) 4085 - 4345 2 SPF, 33 holes OPEN		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4085 - 4345 Acidize w/ 2500 gals acid, Frac w/ 58,632 gals Gel, 46,4687# 16/30 sand.		
28. PRODUCTION		
Date First Production 01/15/08	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 1/24/08	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 33	Gas - MCF 12
Water - Bbl. 273	Gas - Oil Ratio 2750	
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr.) 38.1		
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 E-mail Address	Printed Name Kancia Carrillo	Title Regulatory Analyst
Date 03/12/08		

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>810</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>1090</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>1700</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>2460</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. <u>Morrow</u>	T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> <u>4080</u>	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from.....to.....feet.....

No. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

DISTRICT I

1620 N. FRENCH DR., BOBBS, 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 Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34691	Pool Code 96210	Pool Name Empire: Glorieta Yeso
Property Code 302530	Property Name MIMOSA STATE	Well Number 4
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3655'

Surface Location

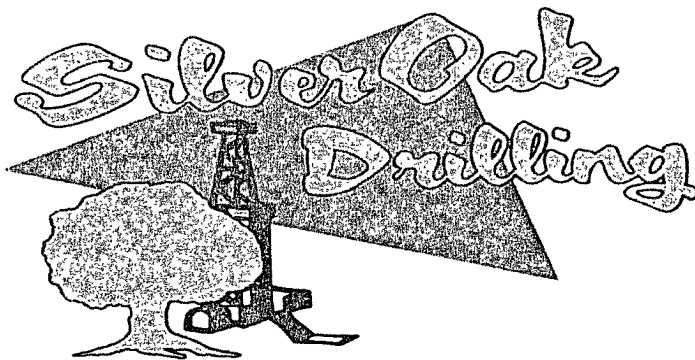
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	30	17-S	29-E		1403	SOUTH	1103	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	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>LOT 1</p> <p>27.71 AC</p> <p>LOT 2</p> <p>27.94 AC</p> <p>LOT 3</p> <p>28.17 AC</p> <p>LOT 4</p> <p>28.40 AC</p> <p>1103'</p> <p>170'</p> <p>1403'</p> <p>GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y=655564.0 N X=566348.5 E LAT.=32°48'07.37" N LONG.=104°07'02.65" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 02/29/08 Signature Date Kanicia Carrillo Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 16, 2006 Date Surveyed LA REV. 10/19/07 Signature & Seal of Professional Surveyor <i>[Signature]</i> 07-13-1468 Certificate No. GARY EIDSON 12641 RONALD EIDSON 3239</p>
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PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

January 2, 2008

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

RE: Mimosa State #4
1403' FSL & 1103' FWL
Sec. 30, T17S, R29E
Eddy County, New Mexico

Dear Sir,

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

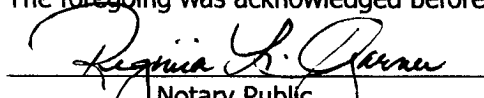
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
189.00	0.25	2400.00	1.50
346.00	0.25	2465.00	1.25
596.00	0.50	2681.00	1.25
1126.00	1.00	2959.00	1.25
1376.00	0.75	3182.00	1.50
1585.00	1.25	3370.00	1.00
1902.00	1.50	3621.00	1.00
2029.00	1.50	3874.00	1.00
2154.00	1.50	4183.00	1.00
2340.00	1.50		

Very truly yours,


Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 2nd day of January, 2008.


Notary Public

