

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	<div style="text-align: right;"> MAY 29 2009 Form C-105 Revised June 10, 2003 </div> <div style="border: 1px solid black; padding: 2px;"> WELL API NO. 30-015-36936 </div> <div style="border: 1px solid black; padding: 2px;"> 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 2px;"> State Oil & Gas Lease No. </div>										
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. <input type="checkbox"/> WELL OVER BACK RESVR <input type="checkbox"/> OTHER _____		7 Lease Name or Unit Agreement Name <div style="text-align: center; font-weight: bold;">G J WEST COOP UNIT</div>										
2 Name of Operator <div style="text-align: center;">COG Operating LLC</div>		8 Well No <div style="text-align: center;">243</div>										
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9. Pool name or Wildcat <div style="text-align: center;">GJ; 7RVS-QN-GB-GLORIETA-YESO 97558</div>										
4 Well Location Unit Letter <u> O </u> <u> 330 </u> Feet From The <u> South </u> Line and <u> 1520 </u> Feet From The <u> East </u> Line Section <u> 16 </u> Township <u> 17S </u> Range <u> 29E </u> NMPM County <u> Eddy </u>												
10 Date Spudded 04/01/09	11 Date T D Reached 04/09/09	12 Date Compl (Ready to Prod) 05/01/09										
13. Elevations (DF& RKB, RT, GR, etc) <div style="text-align: center;">3560 GR</div>												
15 Total Depth 5500	16 Plug Back T.D 5447	17. If Multiple Compl. How Many Zones? <div style="text-align: center;">3</div>										
19 Producing Interval(s), of this completion - Top, Bottom, Name <div style="text-align: center;">3960 - 5200 Yeso</div>		20 Was Directional Survey Made <div style="text-align: center;">No</div>										
21 Type Electric and Other Logs Run <div style="text-align: center;">CN / HNGS, Micro CFL / HNGS</div>		22 Was Well Cored <div style="text-align: center;">No</div>										
23. CASING RECORD (Report all strings set in well)												
CASING SIZE	WEIGHT LB /FT.	DEPTH SET										
13-3/8	48#	323										
8-5/8	24#	840										
5-1/2	17#	5500										
24. LINER RECORD												
SIZE	TOP	BOTTOM										
25. TUBING RECORD												
SIZE	DEPTH SET	PACKER SET										
2-7/8	5156											
26 Perforation record (interval, size, and number) 3960 - 4183 - 1 SPF, 29 holes, 0.41 Open 4420 - 4620 - 2 SPF, 36 holes, 0.41 Open 4700 - 4900 - 2 SPF, 36 holes, 0.41 Open 5000 - 5200 - 2 SPF, 48 holes, 0.41 Open												
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">DEPTH INTERVAL</th> <th style="text-align: left;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3960 - 4183</td> <td>See Attachment</td> </tr> <tr> <td>4420 - 4620</td> <td>See Attachment</td> </tr> <tr> <td>4700 - 4900</td> <td>See Attachment</td> </tr> <tr> <td>5000 - 5200</td> <td>See Attachment</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3960 - 4183	See Attachment	4420 - 4620	See Attachment	4700 - 4900	See Attachment	5000 - 5200	See Attachment
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3960 - 4183	See Attachment											
4420 - 4620	See Attachment											
4700 - 4900	See Attachment											
5000 - 5200	See Attachment											
28. PRODUCTION												
Date First Production 05/01/09	Production Method (Flowing, gas lift, pumping - Size and type pump) <div style="text-align: center;">Pumping; 2 1/2" x 2 1/4" x 28' THC pump</div>											
Well Status (Prod or Shut-in) <div style="text-align: center;">Producing</div>												
Date of Test 05/24/09	Hours Tested 24	Choke Size <div style="text-align: center;"> </div>										
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate										
Oil - Bbl <div style="text-align: center;">145</div>		Gas - MCF <div style="text-align: center;">128</div>										
Water - Bbl <div style="text-align: center;">641</div>		Gas - Oil Ratio <div style="text-align: center;">882</div>										
Oil Gravity - API - (Corr) <div style="text-align: center;">40.9</div>												
29 Disposition of Gas (Sold, used for fuel, vented, etc) <div style="text-align: center;">Sold</div>		Test Witnessed By <div style="text-align: center;">Kent Greenway</div>										
30. List Attachments <div style="text-align: center;">Logs, C102, C103, Deviation Report, C104</div>												
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 <div style="display: flex; justify-content: space-between;"> <div> Signature E-mail Address cjackson@conchoresources.com 432-685-4332 </div> <div> Printed Name Chasity Jackson Title Agent for COG Date 05/12/09 </div> </div>												

G J WEST COOP UNIT #243
API#: 30-015-36936
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3960 - 4183	Acidize w/3,000 gals acid
	Frac w/177,002 gals gel, 36,551# Siberprop
	253,321# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4420 - 4620	Acidize w/2,500 gals acid
	Frac w/76,261 gals gel, 7,599# Siberprop,
	51,176# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4700 - 4900	Acidize w/2,500 gals acid
	Frac w/97,088 gals gel, 23,509 # Siberprop,
	87,506# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5000 - 5200	Acidize w/2,500 gals acid
	Frac w/125,947 gals gel, 30,659# Siberprop,
	145,993# 16/30 sand.

MAY 29 2009

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

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

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 30-015-36936	Pool Code 97558	Pool Name GJ;7RVS-QN-GB-Glorieta-Yeso
Property Code 302497	Property Name GJ WEST COOP UNIT	Well Number 243
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3560'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	16	17-S	29-E		330	SOUTH	1520	EAST	EDDY

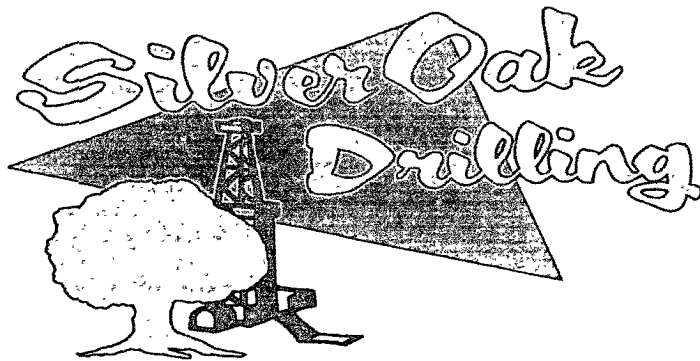
Bottom Hole Location If Different From Surface

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.
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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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=665077.2 N X=579136.6 E</p> <p>LAT.=32.828119° N LONG.=104.075708° W</p> <p>1520'</p> <p>330'</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>Chasity Jackson</i> 5.21.09 Signature Date</p> <p>Chasity Jackson 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>GARY G. EIDSON JANUARY 27 2009 Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Gary G. Eidson</i> 2/2/09 2009-11-19</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

April 15, 2009

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

RE: GJ West Coop Unit #243
330' FSL & 1520' FEL
Sec. 16, 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>	<u>DEPTH</u>	<u>DEVIATION</u>
198.00	0.50	1528.00	0.75	3633.00	0.50
469.00	1.0	2070.00	1.00	4141.00	0.25
827.00	1.00	2581.00	1.00	4653.00	0.25
1021.00	1.50	3090.00	0.50	5161.00	0.25

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 15th day of April, 2009.

Notary Public