

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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<div style="text-align: right;">Form C-105 <span style="float: right;">RM</span></div> <div style="text-align: right;">Revised June 10, 2003</div> WELL API NO. <b>30-015-36791</b> 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 _____  2. Name of Operator COG Operating LLC  3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701  4. Well Location Unit Letter <u>I</u> <u>2310</u> Feet From The <u>South</u> Line and <u>330</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 <u>03/02/09</u> 11. Date T.D. Reached <u>03/11/09</u> 12. Date Compl. (Ready to Prod) <u>04/07/09</u> 13. Elevations (DF& RKB, RT, GR, etc) <u>3557 GR</u> 14. Elev. Casinghead _____ 15. Total Depth <u>5492</u> 16. Plug Back T.D. <u>5427</u> 17. If Multiple Compl. How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools <u>X</u> Cable Tools _____ 19. Producing Interval(s), of this completion - Top, Bottom, Name <u>3966 - 5320 Yeso</u> 20. Was Directional Survey Made <u>No</u> 21. Type Electric and Other Logs Run <u>CN / HNGS, Micro CFL / HNGS</u> 22. Was Well Cored <u>No</u>	7. Lease Name or Unit Agreement Name  <div style="text-align: center;"><b>G J WEST COOP UNIT</b></div>  8. Well No <div style="text-align: center;"><b>228</b></div>  9. Pool name or Wildcat <u>✓</u> <b>GJ; 7Rvs-Qn-Gb-Glorieta-Yeso 97558</b>
---	--

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB /FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	324	17-1/2	400sx	
8-5/8	24	841	11	400sx	
5-1/2	17	5492	7-7/8	1000sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5043	

26. Perforation record (interval, size, and number) 3966 - 4234 - 1 SPF, 33 holes <span style="float: right;">Open</span> 4570 - 4770 - 2 SPF, 36 holes <span style="float: right;">Open</span> 4850 - 5050 - 2 SPF, 36 holes <span style="float: right;">Open</span> 5120 - 5320 - 2 SPF, 48 holes <span style="float: right;">Open</span>	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">DEPTH INTERVAL</th> <th style="width:50%;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3966 - 4234</td> <td>See Attachment</td> </tr> <tr> <td>4570 - 4770</td> <td>See Attachment</td> </tr> <tr> <td>4850 - 5050</td> <td>See Attachment</td> </tr> <tr> <td>5120 - 5320</td> <td>See Attachment</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3966 - 4234	See Attachment	4570 - 4770	See Attachment	4850 - 5050	See Attachment	5120 - 5320	See Attachment
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED										
3966 - 4234	See Attachment										
4570 - 4770	See Attachment										
4850 - 5050	See Attachment										
5120 - 5320	See Attachment										

28. PRODUCTION							
Date First Production <u>04/07/09</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pumping using a 2.5" x 2.25" x 24' tbg pump</b>			Well Status (Prod. or Shut-in) <b>Producing</b>		
Date of Test <u>05/23/09</u>	Hours Tested <u>24</u>	Choke Size	Prod'n For Test Period	Oil - Bbl <u>102</u>	Gas - MCF <u>163</u>	Water - Bbl <u>748</u>	Gas - Oil Ratio <u>1598</u>
Flow Tubing Press <u>70</u>	Casing Pressure <u>70</u>	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr) <u>40.9</u>	

29. Disposition of Gas (Sold, used for fuel, vented, etc) <div style="text-align: center;"><b>SOLD</b></div>	Test Witnessed By <div style="text-align: center;"><b>Kent Greenway</b></div>
---	--

30. List Attachments	<b>Logs, C102, C103, Deviation Report, C104</b>
----------------------	---

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 <b>Chasity Jackson</b>	Title <b>Agent for COG</b>	Date <b>05/27/09</b>
E-mail Address <b>cjackson@conchoresources.com 432-686-3087</b>			

**G J WEST COOP UNIT #228**  
**API#: 30-015-36791**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3966-4234	Acidize w/71 bbls 15% acid
	Frac w/2,416 bbls Silverstim,
	98,020# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4570-4770	Acidize w/60 bbls 15% acid
	Frac w/2,783 bbls Silverstim,
	181,341 # 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4850-5050	Acidize w/60 bbls 15% acid
	Frac w/2,788 bbls Silverstim,
	147,428# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5120-5320	Acidize w/60 bbls 15% acid
	Frac w/2,847 bbls Silverstim,
	293,394# 16/30 sand

MAY 29 2009

## State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240

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 30-015-36791	Pool Code 97558	Pool Name GJ;7RVS-QN-GB-Glorieta-Yeso
Property Code 302497	Property Name GJ WEST COOP UNIT	Well Number 228
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3557'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	17-S	29-E		2310	SOUTH	330	EAST	EDDY

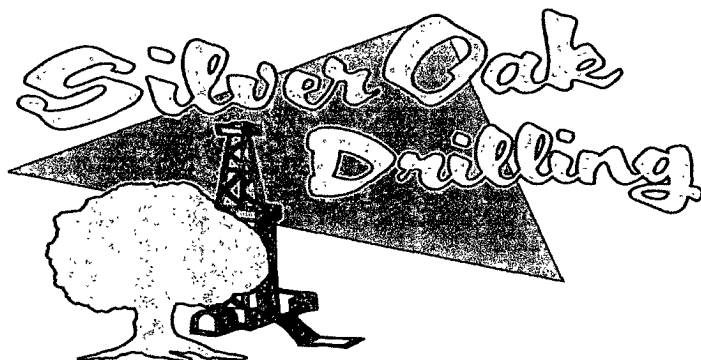
## Bottom Hole Location If Different From Surface

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.
-----------------------	-----------------	--------------------	-----------

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=667062.8 N X=580318.8 E</p> <p>LAT.=32.833569° N LONG.=104.071843° W</p>		<p><b>OPERATOR CERTIFICATION</b></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> 05/27/09 Signature Date Chasity Jackson Printed Name</p>
		<p><b>SURVEYOR CERTIFICATION</b></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>NOVEMBER 12, 2008 Date Surveyed Signature &amp; Seal of Professional Surveyor <i>Gary G. Eidson</i> GARY G. EIDSON Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>



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

March 25, 2009

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

RE: GJ West Coop Unit #228  
2310' FSL & 330' FEL  
Sec. 16, T17S, R29E  
Eddy County, New Mexico

Dear Sir,

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

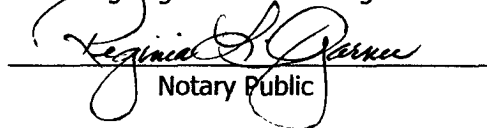
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
167.00	1.00	1205.00	1.25	3371.00	0.75
497.00	1.75	1463.00	0.75	3876.00	1.00
643.00	2.50	1812.00	0.75	4390.00	1.00
739.00	2.75	2060.00	0.75	4741.00	0.75
953.00	1.50	2830.00	0.75	5245.00	1.00

Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 25<sup>th</sup> day of March, 2009.

  
Notary Public

