

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr , Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd , Aztec, NM 87410 <u>District IV</u> 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>	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. <b>30-015-35986</b>  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.																																				
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																																						
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  <p style="text-align: center;"><b>G J WEST COOP UNIT</b></p>																																				
2 Name of Operator <p style="text-align: center;"><b>COG Operating LLC</b></p>		8 Well No.  <p style="text-align: center;"><b>179</b></p>																																				
3 Address of Operator <p style="text-align: center;"><b>550 W. Texas Ave., Suite 1300 Midland, TX 79701</b></p>		9 Pool name or Wildcat <p style="text-align: center;"><b>GJ; 7RVS-QN-GB-GLORIETA-YESO 97558</b></p>																																				
4 Well Location Unit Letter <u>M</u> <u>330</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>																																						
10 Date Spudded <u>2/26/08</u>	11 Date T D Reached <u>03/07/08</u>	12 Date Compl (Ready to Prod.) <u>03/26/08</u>																																				
13. Elevations (DF& RKB, RT, GR, etc ) <p style="text-align: center;"><b>3601 GR</b></p>																																						
14. Elev Casinghead																																						
15 Total Depth <u>5494</u>	16 Plug Back T D <u>5456</u>	17. If Multiple Compl. How Many Zones? <u>                    </u>																																				
18 Intervals Drilled By <p style="text-align: center;"><b>X</b></p>		19 Producing Interval(s), of this completion - Top, Bottom, Name <p style="text-align: center;"><b>4320 - 5200 Yeso</b></p>																																				
20 Was Directional Survey Made <p style="text-align: center;"><b>No</b></p>		21 Type Electric and Other Logs Run <p style="text-align: center;"><b>CN / HNGS, Micro CFL / HNGS</b></p>																																				
22. Was Well Cored <p style="text-align: center;"><b>No</b></p>																																						
23. <b>CASING RECORD (Report all strings set in well)</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CASING SIZE</th> <th>WEIGHT LB /FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> <tr> <td>13-3/8</td> <td>48</td> <td>335</td> <td>17-1/2</td> <td>400</td> <td>Circ 118</td> </tr> <tr> <td>8-5/8</td> <td>24</td> <td>875</td> <td>12-1/4</td> <td>600</td> <td>Circ 121</td> </tr> <tr> <td>5-1/2</td> <td>17</td> <td>5494</td> <td>7-7/8</td> <td>1200</td> <td>Circ 101</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>			CASING SIZE	WEIGHT LB /FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8	48	335	17-1/2	400	Circ 118	8-5/8	24	875	12-1/4	600	Circ 121	5-1/2	17	5494	7-7/8	1200	Circ 101												
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26. Perforation record (interval, size, and number) 4320 - 4520 - 2 SPF, 36 holes <span style="float: right;">Open</span> 4600 - 4800 - 2 SPF, 36 holes <span style="float: right;">Open</span> 5000 - 5200 - 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>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4320 - 4520</td> <td>See Attachment</td> </tr> <tr> <td>4600 - 4800</td> <td>See Attachment</td> </tr> <tr> <td>5000 - 5200</td> <td>See Attachment</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4320 - 4520	See Attachment	4600 - 4800	See Attachment	5000 - 5200	See Attachment																												
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<b>28 PRODUCTION</b>																																						
Date First Production <p style="text-align: center;"><b>4/06/08</b></p>		Production Method (Flowing, gas lift, pumping - Size and type pump) <p style="text-align: center;"><b>Pumping using a 2-1/2" x 2" x 20' RHTC pump</b></p>																																				
Date of Test <p style="text-align: center;"><b>4/7/08</b></p>		Well Status (Prod or Shut-in) <p style="text-align: center;"><b>Producing</b></p>																																				
Hours Tested <u>24</u>	Choke Size <u>                    </u>	Prod'n For Test Period <u>                    </u>																																				
Oil - Bbl <u>66</u>	Gas - MCF <u>103</u>	Water - Bbl <u>365</u>																																				
Gas - Oil Ratio <u>1560</u>																																						
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate																																				
Oil - Bbl.	Gas - MCF	Water - Bbl.																																				
Oil Gravity - API - (Corr.) <p style="text-align: center;"><b>38.1</b></p>																																						
29. Disposition of Gas (Sold, used for fuel, vented, etc ) <p style="text-align: center;"><b>SOLD</b></p>		Test Witnessed By <p style="text-align: center;"><b>Kent Greenway</b></p>																																				
30 List Attachments <p style="text-align: center;"><b>Logs, C102, C103, Deviation Report, C104</b></p>																																						
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>Kanicia Carrillo</b> Title <b>Regulatory Analyst</b> Date <b>04/28/08</b>																																				
E-mail Address <b>kcarrillo@conchoresources.com 432-685-4332</b>																																						

# 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"
<b>T. Yates 880</b>	T. Miss	T. Cliff House	T. Leadville
<b>T. 7 Rivers 1155</b>	T. Devonian	T. Menefee	T. Madison
<b>T. Queen 1735</b>	T. Silurian	T. Point Lookout	T. Elbert
<b>T. Grayburg</b>	T. Montoya	T. Mancos	T. McCracken
<b>T. San Andres 2420</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
<b>T. Glorieta</b>	T. McKee	Base Greenhorn	T. Granite
<b>T. Paddock</b>	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
<b>T. Tubb 5390</b>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	<b>T. Bone Spring</b>	T. Entrada	T.
T. Abo	<b>T. Yeso 3950</b>	T. Wingate	T.
T. Wolfcamp	<b>T. Mississippian</b>	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. 2, from.....to.....

No. 3, 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

**G J WEST COOP UNIT #179**  
**API#: 30-015-35986**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4320 - 4520	Acidize w/5,000 gals acid
	Frac w/71,000 gals gel, 27,520 # Siberprop,
	75,658# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4600 - 4800	Acidize w/5,000 gals acid
	Frac w/67,000 gals gel, 20,043 # Siberprop,
	66,811# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5000 - 5200	Acidize w/5,000 gals acid
	Frac w/67,000 gals gel, 21,320 # Siberprop,
	70,222# 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 65730

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35986	2. Pool Code 97558	3. Pool Name GJ;7RVS-QN-GB-GLORIETA-YESO
4. Property Code 302497	5. Property Name G J WEST COOP UNIT	6. Well No. 179
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3601

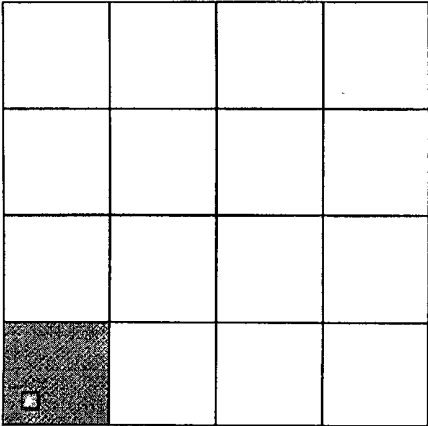
**10. Surface Location**

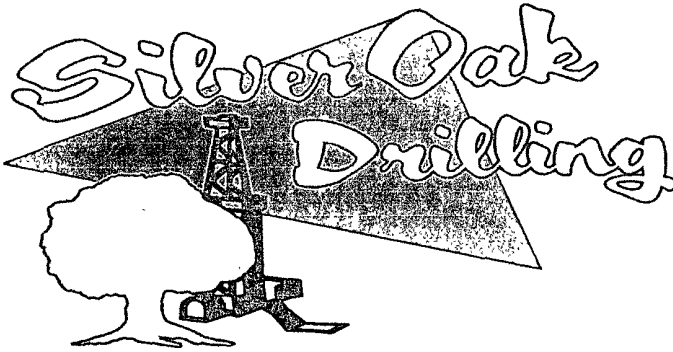
UL - Lot M	Section 16	Township 17S	Range 29E	Lot Idn	Feet From 330	N/S Line S	Feet From 330	E/W Line W	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00		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**

	<b>OPERATOR CERTIFICATION</b> <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>  E-Signed By: Diane Kuykendall Title: Regulatory Analyst Date: 12/10/2007	
	<b>SURVEYOR CERTIFICATION</b> <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>  Surveyed By: Ronald Eidson Date of Survey: 11/19/2007 Certificate Number: 3239	



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

March 12, 2008

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

RE: GJ West Coop Unit #179  
330' FSL & 330' FWL  
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>
440.00	1.00	2902.00	0.75
836.00	0.75	3339.00	1.00
1098.00	0.50	3622.00	1.00
1504.00	0.75	3996.00	1.00
1722.00	0.75	4430.00	0.75
2028.00	0.50	4743.00	0.25
2465.00	0.75	5239.00	0.25

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 13<sup>th</sup> day of March, 2008.

  
Notary Public