

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	State of New Mexico Energy, Minerals and Natural Resources  <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. <b>30-015-35723</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;">COG Operating LLC</p>		8 Well No <p style="text-align: center;">172</p>
3 Address of Operator <p style="text-align: center;">550 W. Texas Ave , Suite 1300 Midland, TX 79701</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>G</u> <u>1650</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>East</u> Line  Section <u>21</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>		
10 Date Spudded 1/16/08	11 Date T D Reached 1/29/08	12 Date Compl (Ready to Prod ) 2/13/08
13 Elevations (DF& RKB, RT, GR, etc ) 3586 GR		14 Elev Casinghead
15 Total Depth 5630	16 Plug Back T D 5608	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 4396 - 5310 Yeso		20 Was Directional Survey Made No
21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS		22 Was Well Cored No
<b>23. CASING RECORD (Report all strings set in well)</b>		
CASING SIZE	WEIGHT LB /FT	DEPTH SET
8-5/8	32	324
5-1/2	17	5630
24 LINER RECORD		25 TUBING RECORD
SIZE	TOP	BOTTOM
SACKS CEMENT		SCREEN
SIZE		DEPTH SET
2-7/8		5311
26 Perforation record (interval, size, and number)		27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC
4396 - 4596 - 2 SPF, 36 holes Open		DEPTH INTERVAL
4666 - 4766 - 2 SPF, 36 holes Open		AMOUNT AND KIND MATERIAL USED
4836 - 5036 - 2 SPF, 36 holes Open		4396 - 4596 See Attachment
5110 - 5310 - 2 SPF, 48 holes Open		4666 - 4766 See Attachment
		4836 - 5036 See Attachment
		5110 - 5310 See Attachment
<b>28 PRODUCTION</b>		
Date First Production 02/20/08		Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod or Shut-in)
Pumping using a 2-1/2" x 2" x 20' RHTC pump		Producing
Date of Test 02/22/08	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 64	Gas - MCF 93
Water - Bbl 461	Gas - Oil Ratio 1453	
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl
Oil Gravity - API - (Corr ) 54.7		
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 04/08/08
E-mail Address <a href="mailto:kcarrillo@conchoresources.com">kcarrillo@conchoresources.com</a> 432-685-4332		

# 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 870</b>	T Miss	T. Cliff House	T Leadville
<b>T. 7 Rivers 1155</b>	T Devonian	T. Menefee	T. Madison
<b>T. Queen 1750</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.
T.Tubb <b>5435</b>	T Delaware Sand	T.Todilto	T
T. Drinkard	T. Bone Spring	T. Entrada	T
T Abo	<b>T.Yeso 3960</b>	T Wingate	T
T Wolfcamp	T.Mississippian	T. Chinle	T.
T Penn	T.	T Permian	T.
T Cisco (Bough C)	T.	T. Penn "A"	T.

## OIL OR GA 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 #172**  
**API#: 30-015-35723**  
**EDDY, NM**

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

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4396 - 4596	Acidized w/ 5,000 gals acid
	Frac w/ 88,158 gals gel, 102,688# 16/30 sand,
	36,196# SiberProp sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4666 - 4766	Acidized w/ 5,000 gals acid.
	Frac w/ 47,670 gals gel, 36,230# 16/30 sand,
	10,220# SiberProp sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4836 - 5036	Acidized w/ 5,000 gals acid.
	Frac w/ 76,860 gals gel, 74,668# 16/30 sand,
	17,778# SiberProp sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5110 - 5310	Acidized w/ 5,000 gals acid.
	Frac w/ 66,000 gals gel, 50,000# 16/30 sand

District I

1625 N French Dr., Hobbs, NM 88240  
Phone (505) 393-6161 Fax (505) 393-0720

District II

1301 W Grand Ave., Artesia, NM 88210  
Phone (505) 748-1283 Fax (505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170

District IV

1220 S St Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3470 Fax (505) 476-3462

**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 57686

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-35723	2 Pool Code 97558	3 Pool Name GJ,TRVS-QN-GB-GLORIETA-YESO
4 Property Code 302497	5 Property Name G J WEST COOP UNIT	6 Well No 172
7 OGRID No 229137	8 Operator Name COG OPERATING LLC	9 Elevation 3586

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	21	17S	29E		1650	N	1650	E	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 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**


**OPERATOR CERTIFICATION**

*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*

E-Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 7/19/2007

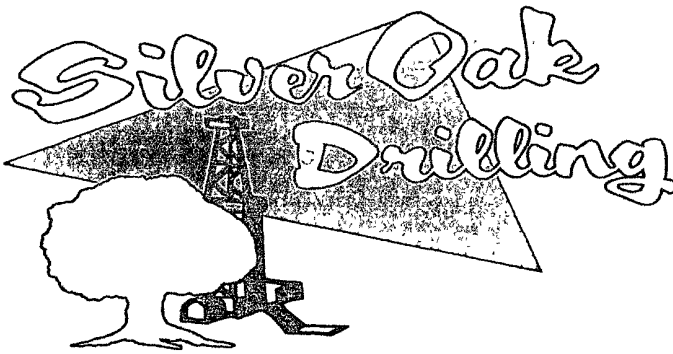
**SURVEYOR CERTIFICATION**

*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.*

Surveyed By: Ronald Edson

Date of Survey: 7/6/2007

Certificate Number: 3239



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

February 6, 2008

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

RE: GJ West Coop Unit #172  
1650' FNL & 1650' FEL  
Sec. 21, 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>
431.00	1.00	3046.00	0.75
743.00	0.25	3389.00	1.00
1210.00	0.75	4053.00	1.50
1518.00	1.00	4358.00	1.50
1925.00	0.50	4669.00	1.00
2328.00	0.75	5012.00	0.75
2733.00	0.75		

Very truly yours,

Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 6<sup>th</sup> day of February, 2008.

  
Notary Public