

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.

30-015-35454

5. Indicate Type of Lease

STATE X FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL X GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW X WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.

WELL OVER BACK RESRV. ☐ OTHER ☐ Month - Year

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 H : 2310' Feet From The North Line and 990' Feet From The East Line  
Section 21 Township 17S Range 2E NMPM County Eddy

10. Date Spudded

3/29/2007

11. Date T.D. Reached

4-11-07

12. Date Compl. (Ready to Prod.)

5-7-07

13. Elevations (DF& RKB, RT, GR, etc.)

3576' GR

14. Elev. Casinghead

15. Total Depth

5515

16. Plug Back T.D.

5493

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

4921' - 5351' 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	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	312	17-1/2	805	
8-5/8	24#	855	12-1/4	600	
5-1/2	17#	5507	7-7/8	1700	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5380	

26. Perforation record (interval, size, and number)

4921' - 5026' - 2 SPF - 30 holes

5125' - 5351' - 2 SPF - 50 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4921' - 5026'	Az w/ 2000 gals acid. Frac w/ 89,960 gals gel, 8000# LiteProp, & 90,680# 16/30 sand.
5125' - 5351'	Acidze w/ 2000 gals acid.

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
5-9-2007		2-1/2" x 2" x 16' pump			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-9-2007	24		24	26	23	300	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
						38.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

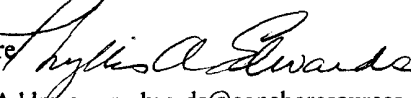
Test Witnessed By

Mark Brewer

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 Phyllis A. Edwards Title Regulatory Analyst Date 5-24-07  
E-mail Address pedwards@conchoresources.com

**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  
Perm 47731

Month - Year  
**MAY 25 2007**  
OCD - ARTESIA, NM

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35454	2. Pool Code 97558	3. Pool Name GJ,TRVS-QN-OB-OLORIETA-YESO
4. Property Code 302497	5. Property Name G J WEST COOP UNIT	6. Well No. 147
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3576

**10. Surface Location**

UL - Lot H	Section 21	Township 17S	Range 29E	Lot 1/4	Feet From 2310	N/S Line N	Feet From 990	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot 1/4	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: 3/2/2007

**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: Gary Eidson  
Date of Survey: 3/1/2007  
Certificate Number: 12641

6/4/2007

## Wellbore Diagram

r263

30-015-35454-00-00

G J WEST COOP UNIT No. 147

**Company Name:** COG OPERATING LLC

**Location:** Sec: 21 T: 17S R: 29E Spot:

Lat: 32.8210260558686 Long: -104.074480668903

### String Information

**Property Name:** G J WEST COOP UNIT

**County Name:** Eddy

### Cement Information

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
99999	99999			

### Formation Information

St Code	Formation	Depth
Psal	Salado	361
Pbslt	Base of Salt	695
Pyts	Yates	871
Psr	Seven Rivers	1146
Psrbs	Bowers Sand	1516
Pqu	Queen	1749
Pgb	Grayburg	2129
Psa	San Andres	2425
Plvsd	Lovington Sand	2487
Pgl	Glorieta	3873

Hole: Unknown

TD:

TVD: 0

PBTD: