

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.

30-015-35456

Indicate Type of Lease

LEASE ☒ STATE ☒ FEE ☐

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 <input type="checkbox"/>		7. Lease Name or Unit Agreement Name  G J WEST COOP UNIT	
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 <input type="checkbox"/>		8. Well No.  152	
2. Name of Operator COG Operating LLC		9. Pool name or Wildcat GJ; 7RVS-QN-GB-GLORIETA-YESO 97558	
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701			
4. Well Location Unit Letter <u>D</u> : <u>990</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>21</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>			
10. Date Spudded 4/12/2007	11. Date T.D. Reached 4/22/07	12. Date Compl. (Ready to Prod.) 5/15/07	13. Elevations (DF& RKB, RT, GR, etc.) 3604' GR
14. Elev. Casinghead			
15. Total Depth 5515	16. Plug Back T.D. 5494	17. If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By Rotary Tools Cable Tools X
19. Producing Interval(s), of this completion - Top, Bottom, Name 4375' - 5318' 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#	300	17-1/2	830	
8-5/8	24#	845	12-1/4	600	
5-1/2	17#	5507	7-7/8	1700	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5343	
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
4375' - 4610' - 2 SPF, 28 holes Open					DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED		
4712' - 5017' - 2 SPF, 46 holes Open					4375' - 4610' See attachment		
5122' - 5318' - 2 SPF, 46 holes Open					4712' - 5017' See attachment		
					5122' - 5318' See attachment		

28. PRODUCTION							
Date First Production 5-17-07		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 2" x 20' RHTC pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 05-21-07	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 140	Gas - MCF 196	Water - Bbl. 223	Gas - Oil Ratio 1400
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 Phyllis A. Edwards Printed Name Phyllis A. Edwards Title Regulatory Analyst Date 6/1/07  
E-mail Address pedwardsl@conchoresources.com 432-685-4340

**G J WEST COOP UNIT #152**  
**API#: 30-015-35456**  
**EDDY, NM**

Month - for  
4 2007  
OCD - ARTERIA, NM

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4375' - 4610'	Acidize w/ 2000 gals acid.
	Frac w/ 97,229 gals gel,
	8026# LiteProp, and 89,860# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4712' - 5017'	Acidize w/ 2000 gals acid.
	Frac w/ 89,557 gals gel,
	6486# LiteProp, and 90,331# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5122' - 5318'	Acidize w/2500 gals acid.
	Frac w/ 97,397 gals gel, 8000# Lite Prop,
	91,180# 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 Branos 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 47747

Month: April  
Year: 4 2007  
OCD - Artesia, NM

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35456	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. 152
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3604

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	21	17S	29E		990	N	330	W	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: 3/2/2007

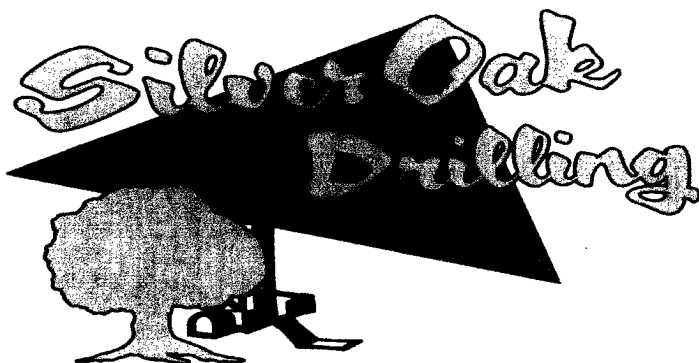
**SURVEYOR CERTIFICATION**

*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



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



April 26, 2007

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

RE: GJ West Coop Unit #152  
990' FNL & 2310' FWL  
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>
270'	1°	3225'	3/4°
579'	1/2°	3712'	2°
850'	1°	4148'	2 1/4°
1318'	1 1/2°	4402'	1 3/4°
1718'	3/4°	4847'	1 1/2°
2186'	1°	5292'	1°
2717'	1 1/2°	5515'	1 1/2°

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 26<sup>th</sup> day of April, 2007.

  
Notary Public

OFFICIAL SEAL  
REGINIA L. GARNER  
NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires Aug. 30, 2008