

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>		<b>Form C-105</b> Revised June 10, 2003	
		WELL API NO. <b>30-015-36236</b>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
		State Oil & Gas Lease No.		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  <div style="text-align: center; font-size: 1.2em;"><b>G J WEST COOP UNIT</b></div>		
2. Name of Operator  COG Operating LLC			8 Well No  <div style="text-align: center; font-size: 1.2em;"><b>197</b></div>		
3 Address of Operator  550 W. Texas Ave., Suite 1300 Midland, TX 79701			9 Pool name or Wildcat  <b>GJ; 7RVS-QN-GB-GLORIETA-YESO 97558</b>		
4 Well Location Unit Letter <u>H</u> <u>1650</u> Feet From The <u>North</u> Line and <u>330</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 09/03/08		11 Date T.D. Reached 09/12/08		12 Date Compl (Ready to Prod) 10/07/08	
13. Elevations (DF& RKB, RT, GR, etc) 3565 GR		14 Elev Casinghead		15. Total Depth 5458	
16 Plug Back T.D. 5390		17 If Multiple Compl How Many Zones? _____		18. Intervals Drilled By Rotary Tools Cable Tools <div style="text-align: center; font-size: 1.2em;"><b>X</b></div>	
19 Producing Interval(s), of this completion - Top, Bottom, Name 3970 - 5300 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	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
17-1/2	48	311	13-3/8	530	Circ 285
11	24	857	8-5/8	600	Circ 218
7-7/8	17	5458	5-1/2	1000	Circ 153
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
<b>25. TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
2-7/8	5299				
26 Perforation record (interval, size, and number) 3970 - 4251 - 2 SPF, 36 holes Open 4500 - 4700 - 2 SPF, 36 holes Open 4800 - 5000 - 2 SPF, 36 holes Open 5100 - 5300 - 2 SPF, 48 holes Open			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3970 - 4251 See Attachment 4500 - 4700 See Attachment 4800 - 5000 See Attachment 5100 - 5300 See Attachment		
<b>28. PRODUCTION</b>					
Date First Production 10/21/08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2-1/2" x 2" x 20' RHTC pump		Well Status (Prod or Shut-in) Producing	
Date of Test 10/27/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 77	Gas - MCF 113
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl. 578
					Oil Gravity - API - (Corr) 39.2
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 11/19/08
E-mail Address kcarrillo@conchoresources.com 432-685-4332					

Accepted for record - NMOCH

# 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</b> <b>870</b>	T. Miss	T. Cliff House	T. Leadville
<b>T. 7 Rivers</b> <b>1150</b>	T. Devonian	T. Menefee	T. Madison
<b>T. Queen</b> <b>1750</b>	T. Silurian	T. Point Lookout	T. Elbert
<b>T. Grayburg</b>	T. Montoya	T. Mancos	T. McCracken
<b>T. San Andres</b> <b>2430</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>5390</b>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	<b>T. Yeso</b> <b>3950</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. 3, from.....to.....
No. 2, 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 #197**  
**API#: 30-015-36236**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3970 -4251	Acidize w/3,000 gals acid
	Frac w/125,000 gals gel, 22,530 # Siberprop,
	185,700# 16/30 white sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4500 -4700	Acidize w/2,500 gals acid
	Frac w/118,000 gals gel, 36,141 # Siberprop,
	145,300# 16/30 white sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4800 - 5000	Acidize w/2,500 gals acid
	Frac w/115,000 gals gel, 31,816 # Siberprop,
	146,400# 16/30 white sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5100 - 5300	Acidize w/2,500 gals acid
	Frac w/115,000 gals gel, 35,364 # Siberprop,
	146,200# 16/30 white 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 67786

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-36236	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. 197
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3565

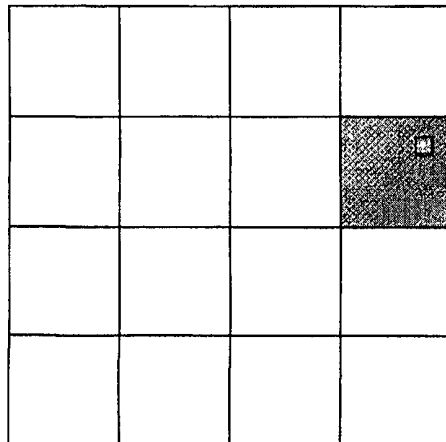
**10. Surface Location**

UL - Lot H	Section 21	Township 17S	Range 29E	Lot Idn	Feet From 1650	N/S Line N	Feet From 330	E/W Line E	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**

**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: 3/24/2008

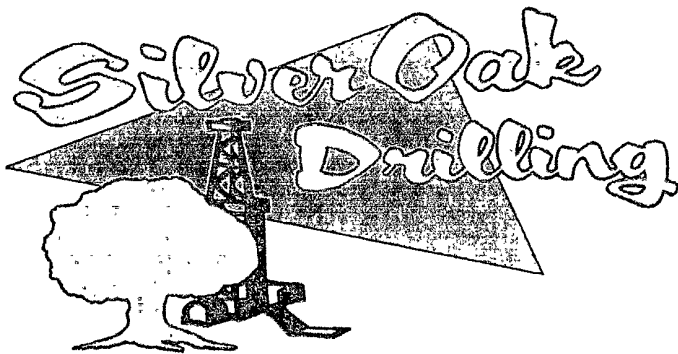
**SURVEYOR CERTIFICATION**

*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 Eidson

Date of Survey: 3/11/2008

Certificate Number: 3239



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

September 30, 2008

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

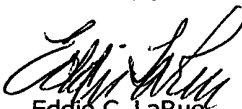
RE: GJ West Coop Unit #197  
1650' FNL & 330' FEL  
Sec. 21, T17S, R29E  
Eddy County, New Mexico

Dear Sir,

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

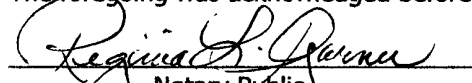
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
271.00	0.75	2212.00	0.75
377.00	0.75	2627.00	0.75
659.00	1.00	3040.00	0.75
1067.00	0.25	3518.00	0.75
1384.00	1.00	4065.00	1.25
1734.00	1.00	4161.00	1.00
1862.00	0.75	4987.00	0.50

Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 30<sup>th</sup> day of September, 2008.

  
Notary Public

