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| 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. 30-015-36228 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No. |
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|---|-------------------------------|--|---|--|--------------------------------------|----------------|-------------------------------|-------------|----------------|-------------|----------------|-------------|----------------|
| 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 _____ b Type of Completion NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR <input type="checkbox"/> OTHER | | | 7 Lease Name or Unit Agreement Name <div style="text-align: center; font-weight: bold;">G J WEST COOP UNIT</div> | | | | | | | | | | |
| 2 Name of Operator COG Operating LLC | | | 8 Well No <div style="text-align: center; font-weight: bold;">189</div> | | | | | | | | | | |
| 3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701 | | | 9 Pool name or Wildcat GJ; 7RVS-QN-GB-GLORIETA-YESO 97558 | | | | | | | | | | |
| 4 Well Location Unit Letter <u>L</u> <u>1650</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 06/10/08 | | 11 Date T D Reached 06/18/08 | | 12 Date Compl (Ready to Prod) 07/09/08 | | | | | | | | | |
| 13 Elevations (DF& RKB, RT, GR, etc) 3592 GR | | 14 Elev Casinghead | | | | | | | | | | | |
| 15 Total Depth 5446 | | 16 Plug Back T D 5390 | | 17 If Multiple Compl How Many Zones? | | | | | | | | | |
| 18 Intervals Drilled By | | Rotary Tools X | | Cable Tools | | | | | | | | | |
| 19 Producing Interval(s), of this completion - Top, Bottom, Name 4500 - 5240 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 | | | | | | | | |
| 17-1/2 | 48 | 320 | 13-3/8 | 400 | Circ 80 | | | | | | | | |
| 12-1/4 | 24 | 825 | 8-5/8 | 500 | Circ 112 | | | | | | | | |
| 7-7/8 | 17 | 5445 | 5-1/2 | 1100 | Circ 200 | | | | | | | | |
| 24. LINER RECORD | | | | | | | | | | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | | | | | | | | | |
| | | | | | | | | | | | | | |
| 25. TUBING RECORD | | | | | | | | | | | | | |
| SIZE | DEPTH SET | PACKER SET | | | | | | | | | | | |
| 2-7/8 | 4339 | | | | | | | | | | | | |
| 26 Perforation record (interval, size, and number) 4500 - 4700 - 2 SPF, 36 holes Open 4770 - 4970 - 2 SPF, 36 holes Open 5040 - 5240 - 2 SPF, 48 holes Open | | | | | | | | | | | | | |
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">DEPTH INTERVAL</td> <td style="width:50%; text-align: center;">AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td style="text-align: center;">4500 - 4700</td> <td style="text-align: center;">See Attachment</td> </tr> <tr> <td style="text-align: center;">4770 - 4970</td> <td style="text-align: center;">See Attachment</td> </tr> <tr> <td style="text-align: center;">5040 - 5240</td> <td style="text-align: center;">See Attachment</td> </tr> </table> | | | | | | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 4500 - 4700 | See Attachment | 4770 - 4970 | See Attachment | 5040 - 5240 | See Attachment |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | | | | | | | | | | | | |
| 4500 - 4700 | See Attachment | | | | | | | | | | | | |
| 4770 - 4970 | See Attachment | | | | | | | | | | | | |
| 5040 - 5240 | See Attachment | | | | | | | | | | | | |
| 28. PRODUCTION | | | | | | | | | | | | | |
| Date First Production 7/14/08 | | 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 7/30/08 | Hours Tested 24 | Choke Size | Prod'n For Test Period | Oil - Bbl 105 | Gas - MCF 63 | | | | | | | | |
| Flow Tubing Press | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl | Gas - MCF | Water - Bbl 461 | | | | | | | | |
| | | | | | Gas - Oil Ratio 600 | | | | | | | | |
| 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 08/13/08 |
|-----------|-------------------------------|--------------------------|---------------|

E-mail Address kcarrillo@conchoresources.com 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" |
| T. Yates 890 | T. Miss | T. Cliff House | T. Leadville |
| T. 7 Rivers 1170 | T. Devonian | T. Menefee | T. Madison |
| T. Queen 1750 | T. Silurian | T. Point Lookout | T. Elbert |
| T. Grayburg | T. Montoya | T. Mancos | T. McCracken |
| T. San Andres 2430 | T. Simpson | T. Gallup | T. Ignacio Otzte |
| T. Glorieta | T. McKee | Base Greenhorn | T. Granite |
| T. Paddock | T. Ellenburger | T. Dakota | T. |
| T. Blinebry | T. Gr. Wash | T. Morrison | T. |
| T. Tubb 5380 | T. Delaware Sand | T. Todilto | T. |
| T. Drinkard | T. Bone Spring | T. Entrada | T. |
| T. Abo | T. Yeso 3980 | 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 #189
API#: 30-015-36228
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

| 27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|--|--|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 4500 - 4700 | Acidize w/2,500 gals acid |
| | Frac w/99,034gals gel, 24,734 # Siberprop, |
| | 107,830# Ottawa sand. |

| 27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|--|--|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 4770 - 4970 | Acidize w/3,500 gals acid |
| | Frac w/120,921 gals gel, 37,770 # Siberprop, |
| | 148,974# Ottawa sand. |

| 27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|--|--|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 5040 - 5240 | Acidize w/3,500 gals acid |
| | Frac w/104,854 gals gel, 36,500 # Siberprop, |
| | 146,428# Ottawa 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 71517

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|------------------------------|--|--|
| 1 API Number 30-015-36228 | 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 189 |
| 7 OGRID No. 229137 | 8. Operator Name COG OPERATING LLC | 9. Elevation 3592 |

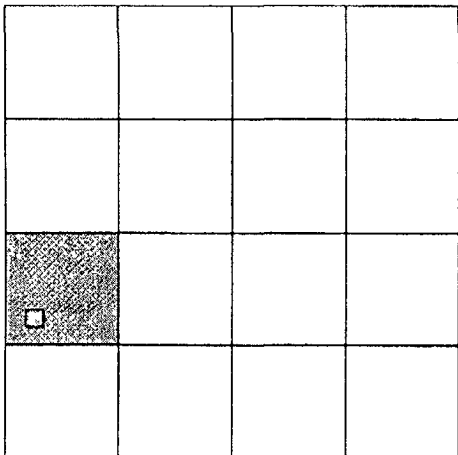
10. Surface Location

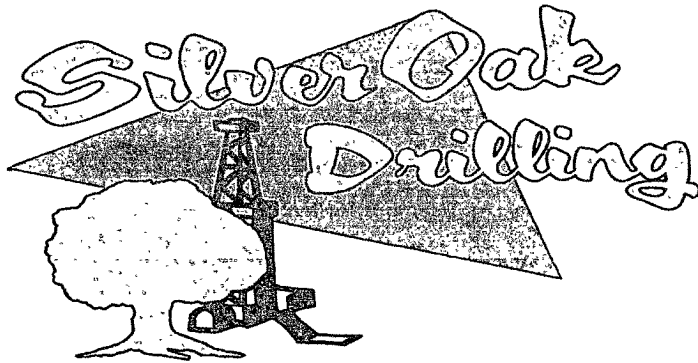
| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|------------------|---------------|----------------|
| UL - Lot L | Section 16 | Township 17S | Range 29E | Lot Idn | Feet From 1650 | N/S Line S | Feet From 330 | E/W Line W | County 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

| | |
|---|---|
|  | <p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><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></p> <p>E-Signed By: Diane Kuykendall Title: Regulatory Analyst Date: 3/19/2008</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><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></p> <p>Surveyed By: Ronald Eidson Date of Survey: 3/11/2008 Certificate Number: 3239</p> |
|---|---|



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

June 30, 2008

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

RE: GJ West Coop Unit #189
1650' FSL & 330' FWL
Sec. 16, T17S, R29E
Eddy, 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> |
|--------------|------------------|--------------|------------------|
| 281.00 | 0.50 | 3063.00 | 1.00 |
| 402.00 | 1.00 | 3487.00 | 1.00 |
| 846.00 | 0.75 | 3932.00 | 1.00 |
| 1228.00 | 1.00 | 4350.00 | 1.00 |
| 1705.00 | 0.50 | 4828.00 | 1.00 |
| 2150.00 | 0.75 | 5243.00 | 1.00 |
| 2563.00 | 1.00 | | |

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of June, 2008.

Notary Public