

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 600 West Texas Ave Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date RC Effective 1/29/15
⁴ API Number 30 - 015-29451	⁵ Pool Name Grayburg Jackson;SR-Q-SA	⁶ Pool Code 28509
⁷ Property Code 302510	⁸ Property Name Jenkins B Federal	⁹ Well Number 7

II. ¹⁰ Surface Location

Ul or lot no. E	Section 20	Township 17S	Range 30E	Lot Idn	Feet from the 1650	North/South Line North	Feet from the 1090	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1/29/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

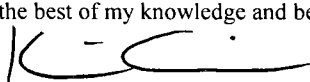
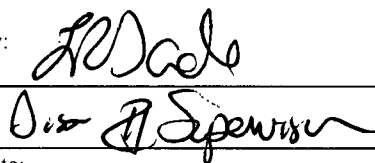
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
15694	Holy Frontier Refining & Marketing	O
36785	DCP Midstream	G
NM OIL CONSERVATION ARTESIA DISTRICT MAR 16 2015 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 4/3/97	²² Ready Date 1/29/15	²³ TD 4810	²⁴ PBDT 4210	²⁵ Perforations 3713 - 4120	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
	2-7/8 tbg	4182			

V. Well Test Data

³¹ Date New Oil 2/03/15	³² Gas Delivery Date 2/03/15	³³ Test Date 2/03/15	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 15	³⁹ Water 140	⁴⁰ Gas 2		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Kanicia Castillo		Approved by: 	
Title: Lead Regulatory Analyst		Title: J. P. Spawson	
E-mail Address: kcastillo@concho.com		Approval Date: 3-20-15	
Date: 3/11/15	Phone: 432-685-4332		

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC054988B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVE MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-4332		8. Well Name and No. JENKINS B FEDERAL 7
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec.20 T17S R30E Mer NMP 1650FNL 1090FWL		9. API Well No. 30-015-29451
		10. Field and Pool, or Exploratory GRAYBURG JACKSON
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Recomplete as an oil well in the San Andres.

1/06/15 MIRU. Function test BOP. Release packer. TOH w/ 136jts 2-7/8 tbg and packer.
1/07/15 Set CIBP @ 4239. Dump 40? C cement on top of CIBP.

1/08/15 TIH with packer and tag cement at 4203. Set packer at 4152 and test CIBP to 1000#, good test. Load csg and pressure test to 1000#, good test. release packer. Pressure test frac valve and csg to 4200#, pressured to 3500# and broke.

1/09/14 TIH w/packer to look for hole in csg. Located hole between 0'and 15'. LD packer and tbg. Determined hole was at slips.

1/10/15 RU swivel and cutters for 5-1/2 csg. Cut csg 10' below surface, LD cutters. Repair csg w/ X-over 5-1/2 x 5-1/2 buttress. Pressure csg up to 1000#, good test. Chart recorder attached.

NM OIL CONSERVATION
ARTESTA DISTRICT

MAR 16 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #294515 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 03/11/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Pending BLM approvals will
subsequently be reviewed
and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Additional data for EC transaction #294515 that would not fit on the form

32. Additional remarks, continued

1/13/15 Function test BOP. MIRU wireline. Perf San Andres 3 SPF, 54 shots, 3713 ? 4120. RDMO WLU. TIH while hydro testing w/packer. Set packer @ 3637.
1/14/15 Acidize w/1500 gals 15% HCL. Flush w/60bbbls of fresh water. RDMO acid truck.
1/22/15 Frac 3713 -4120 w/234,279# 16/30 Brady sand, 30,598# 16/30 SLC, 174,519 gals gel.
1/27/15 ND Frac stack. Release packer. POOH w/ work string and packer.
1/28/15 Function test BOP. Clean out from 4098 to PBTD 4210. Circ clean. Install new wellhead. TIH w/ 127jts 2-7/8 tbg, EOT @ 4182, SN @ 4129, TAC @ 3636. SDFN.
1/29/15 TIH w/2-1/2 x 2 x 20? RXBC pump and rods. Hang on: RDMO.

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 16 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC054988B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC

Contact: KANICIA CASTILLO
E-Mail: kcastillo@concho.com

8. Lease Name and Well No.
JENKINS B FEDERAL 7

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVE
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-685-4332

9. API Well No.
30-015-29451

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1650FNL 1090FWL

At top prod interval reported below 1650FNL 1090FWL

At total depth 1650FNL 1090FWL

10. Field and Pool, or Exploratory
GRAYBURG JACKSON

11. Sec., T., R., M., or Block and Survey
or Arca Sec 20 T17S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
04/03/1997

15. Date T.D. Reached
04/14/1997

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/29/2015

17. Elevations (DF, KB, RT, GL)*
3643 GL

18. Total Depth: MD 4810
TVD

19. Plug Back T.D.: MD 4210
TVD

20. Depth Bridge Plug Set: MD 4239
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N/A

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Linc Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.000	8.625 J55	24.0		415		300			
7.875	5.500 J55	17.0		4796		1415			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4182							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3713	4120	3713 TO 4120	0.600	36	OPEN
B)			4289 TO 4634	0.410	35	CLOSED CIBP @ 4239 W/40' CLA
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3713 TO 4120	174,519 GAL GEL, 234,279 16/30 BRADY SAND, 30,598# 16/30 SLC, 1500 GALS 15% HCL ACID.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/03/2015	02/03/2015	24	→	15.0	2.0	140.0	38.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will
subsequently be reviewed
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #294520 VERIFIED BY THE BLM WELL INFORMATION SYST

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

800 3/18/15
Accepted for record
NMOCD

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
YATES	1137				
QUEEN	2025				
SAN ANDRES	2766				
GLORIETA	4210				
YESO	4252				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7. Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #294520 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 03/11/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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