

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 One Concho Center 600 West Illinois Ave Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 7/11/14
⁴ API Number 30 - 015-42363	⁵ Pool Name Red Lake;Glorieta Yeso, Northeast	⁶ Pool Code 96836
⁷ Property Code 40314	⁸ Property Name Beech 25 Federal	⁹ Well Number 10H

II. ¹⁰ Surface Location

UL or lot no. M	Section 25	Township 17S	Range 27E	Lot Idn	Feet from the 110	North/South Line South	Feet from the 240	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. O	Section 25	Township 17S	Range 27E	Lot Idn	Feet from the 381	North/South line South	Feet from the 1674	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/11/14	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
	Holly Frontier	O
	DCP Midstream	G

IV. Well Completion Data

²¹ Spud Date 5/8/14	²² Ready Date 7/11/14	²³ TD 6819MD/3452TVD	²⁴ PBTD 6760	²⁵ Perforations 3850 - 6750	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	358	350		
12-1/4	9-5/8	1017	475		
8-3/4	7	2910	1100		
7-7/8	5-1/2	6819			
	2-7/8 tbg	2959			

V. Well Test Data

³¹ Date New Oil 7/15/14	³² Gas Delivery Date 7/22/14	³³ Test Date 7/25/14	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 128	³⁹ Water 1440	⁴⁰ Gas 75		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: <i>Chasity Jackson</i>			OIL CONSERVATION DIVISION Approved by: <i>T. C. Shepard</i> Title: "Geologist" Approval Date: 8-8-2014		
Printed name: Chasity Jackson					
Title: Regulatory Analyst					
E-mail Address: cjackson@concho.com					
Date: 7/31/14		Phone: 432-686-3087	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.*5. Lease Serial No.
NMLC058181

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
BEECH 25 FEDERAL 10H2. Name of Operator
COG OPERATING LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com9. API Well No.
30-015-423633a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-686-308710. Field and Pool, or Exploratory
RED LAKE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T17S R27E Mer NMP SWSW 110FSL 240FWL

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

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

- ☐
- Acidize
-
- ☐
- Alter Casing
-
- ☐
- Casing Repair
-
- ☐
- Change Plans
-
- ☐
- Convert to Injection

- ☐
- Deepen
-
- ☐
- Fracture Treat
-
- ☐
- New Construction
-
- ☐
- Plug and Abandon
-
- ☐
- Plug Back

- ☐
- Production (Start/Resume)
-
- ☐
- Reclamation
-
- ☐
- Recomplete
-
- ☐
- Temporarily Abandon
-
- ☐
- Water Disposal

- ☐
- Water Shut-Off
-
- ☐
- Well Integrity
-
- ☒
- Other
-
- Drilling Operations

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 recompleat 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 recompleat 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.)

6/18/14 Test frac valve to 7000psi. Spotted 2000 gals acid. Set plug @ 6770. 6/19/14 Perf 10 stages @ 6550 - 6750 w/6 SPF, 36 holes, CBP @ 6500.
Perf @ 6250 - 6450 w/6SPF, 36 holes, CBP @ 6200.
Perf @ 5950 - 6150 w/6SPF, 36 holes, CBP @ 5900.
Perf @ 5650 - 5850 w/6SPF, 36 holes, CBP @ 5600.
Perf @ 5350 - 5550 w/6SPF, 36 holes, CBP @ 5300.
Perf @ 5050 - 5244 w/6SPF, 36 holes, CBP @ 5004.
Perf @ 4750 - 4944 w/6SPF, 36 holes, CBP @ 4700.
Perf @ 4450 - 4650 w/6SPF, 36 holes, CBP @ 4404.
Perf @ 4150 - 4350 w/6SPF, 36 holes, CBP @ 4100.
Perf @ 3850 - 4050 w/6SPF, 36 holes. Acidize 10 stages w/41,273 gals 15% HCL. Frac w/1,323,351 gals gel, 49,685 gals WaterFrac, 183,138 gals treated water, 2,522,370# 20/40 brown sand, 507,260# 20/40

Accepted for record
NMOC D TEL
8-8-14NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 06 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #255269 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 07/31/2014

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 knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd

Agency of the United

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

Additional data for EC transaction #255269 that would not fit on the form

32. Additional remarks, continued

CRC, 96,493# 100 Mesh.

7/8/14 Drill out plugs. Clean out to PBTD 6760.

7/10/14 RIH w/87jts 2-7/8" J55 6.5# tbg, EOT @ 2959.

7/11/14 RIH w/sub pump. Hang well on.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 06 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC058181

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

RECEIVED

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC

Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

8. Lease Name and Well No.
BEECH 25 FEDERAL 10H

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

3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-42363

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

At surface SWSW 110FSL 240FWL

At top prod interval reported below SWSW 110FSL 240FWL

At total depth SWSE 381FSL 1674FEL

10. Field and Pool, or Exploratory
RED LAKE

11. Sec., T., R., M., or Block and Survey
or Area Sec 25 T17S R27E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
05/08/2014

15. Date T.D. Reached
05/21/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/11/2014

17. Elevations (DF, KB, RT, GL)*
3582 GL

18. Total Depth: MD 6819
TVD 3452

19. Plug Back T.D.: MD 6760
TVD 6760

20. Depth Bridge Plug Set: MD
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 Liner 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
17.500	13.375 J55	54.5		358		350			
12.250	9.625 J55	40.0		1017		475			
8.750	7.000 L80	26.0		2910		1100			
7.875	5.500 L80	17.0	2910	6918					

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	2959							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	3850	6750	3850 TO 6750	0.430	360	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3850 TO 6750	ACIDIZE W/41,273 GALS 15% ACID. FRAC W/1,323,351 GALS GEL, 183,138 GALS TREATED WATER.
3850 TO 6750	49,685 GALS WATER FRAC, 2,522,370# 20/40 BROWN, 507,260# 20/40 CRC, 96,493# 100 MESH.

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
07/22/2014	07/25/2014	24	→	128.0	75.0	1440.0	41.1	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	
			→	128	75	1440	586	POW	

28a. Production - Interval B

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	
			→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #255297 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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.)

FLARED

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GLORIETA YESO	3055 3145		SANDSTONE DOLOMITE & ANHYDRITE	GLORIETA YESO	3055 3145

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 #255297 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 07/31/2014

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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