

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 W. Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 12/10/16
⁴ API Number 30 - 015-42967	⁵ Pool Name <i>Artesia, Blor-Yeso (o)</i> Matjamar, Yeso, West	⁶ Pool Code 44500 96830
⁷ Property Code 313860	⁸ Property Name Halberd 27 State Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	26	17S	28E		1003	South	65	West	Eddy

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
M	27	17S	28E		914	South	365	West	Eddy
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/10/16	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
	Navajo Crude Oil Marketing	O
	DCP Midstream NM OIL CONSERVATION ARTESIA DISTRICT JAN 12 2017 RECEIVED	G

IV. Well Completion Data

²¹ Spud Date 10/7/16	²² Ready Date 12/10/16	²³ TD 8798MD 3850TVD	²⁴ PBSD 8700	²⁵ Perforations 4271 - 8711	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	380	450sx		
12-1/4	9-5/8	927	450sx		
8-3/4	7	3229			
8-3/4	5-1/2	8798	2200sx		
	2-7/8 tbg	3280			

V. Well Test Data

³¹ Date New Oil 12/25/16	³² Gas Delivery Date 1/2/17	³³ Test Date 1/5/17	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 77	³⁹ Water 2786	⁴⁰ Gas 181	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:

Kanicia Castillo

Printed name:
Kanicia Castillo
Title:
Lead Regulatory Analyst
E-mail Address:
kcastillo@concho.com
Date:
1/08/17

Phone:
432-685-4332

Approved by:

Raymond M. Palang

Title:
Geologist
Approval Date:
3-8-2017

GCP 6-17-16

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Submit To Appropriate District Office
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Form C-105
Revised August 1, 2011
1. WELL API NO.
30-015-42967
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)
7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

5. Lease Name or Unit Agreement Name
Halberd 27, State.com
6. Well Number: 1H
ARTESIA DISTRICT
JAN 12 2017

8. Name of Operator
COG Operating LLC
9. OGRID
229137

10. Address of Operator
One Concho Center,
600 W. Illinois Avenue
Midland, TX 79701
11. Pool name or Wildcat
Red Lake;Glorieta-Yeso, Northeast 96836

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	26	17S	28E		1003	South	65	West	Eddy
BH:	M	27	17S	28E		914	South	365	West	Eddy

13. Date Spudded 10/07/16
14. Date T.D. Reached 10/15/16
15. Date Rig Released 10/17/16
16. Date Completed (Ready to Produce) 12/10/16
17. Elevations (DF and RKB, RT, GR, etc.) 3680' GR
18. Total Measured Depth of Well 8798
19. Plug Back Measured Depth 8700
20. Was Directional Survey Made? Yes
21. Type Electric and Other Logs Run CNL/Micro CFL/HNGS

22. Producing Interval(s), of this completion - Top, Bottom, Name
4271 - 8711 YESO

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	54.5#	380	17-1/2	450sx	
9-5/8	40#	927	12-1/4	450sx	
7	29	3229	8-3/4		
5-1/2	17#	8798	8-3/4	2200sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	DEPTH SET	PACKER SET
					2-7/8	3280	

26. Perforation record (interval, size, and number)
4271 - 8711 43 900 holes, Open
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL 4271 - 8711
AMOUNT AND KIND MATERIAL USED
Acidize 25 stages w/98,506 gals 15% HCL. Frac w/4,652,723 gals slick wtr, 308,138 gals treated wtr, 1,500.420# 100 mesh sand, 2,422,940# 40/70 White snd, 519,840# 40/70 Garnet snd.

28. PRODUCTION

Date First Production 12/25/16
Production Method (Flowing, gas lift, pumping - Size and type pump) ESP Pump
Well Status (Prod. or Shut-in) Producing
Date of Test 1/05/17
Hours Tested 24
Choke Size
Prod'n For Test Period
Oil - Bbl 77
Gas - MCF 181
Water - Bbl. 2786
Gas - Oil Ratio 2350
Flow Tubing Press. 70
Casing Pressure 70
Calculated 24-Hour Rate 77
Oil - Bbl. 77
Gas - MCF 181
Water - Bbl. 2786
Oil Gravity - API - (Corr.) 39.6

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold
30. Test Witnessed By Ron Beasley

31. List Attachments
C-103, C-102; C-104, survey, C-144

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
Signature 
Printed Name Kanicia Castillo Title Lead Regulatory Analyst Date 1/06/17
E-mail Address kcastillo@concho.com

