

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 **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

JAN 20 2015

Submit one copy to appropriate District Office

RECEIVED

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 11/25/14
⁴ API Number 30.- 015 -42410	⁵ Pool Name Empire; Glorieta Yeso, East	⁶ Pool Code 96610
⁷ Property Code 313307	⁸ Property Name Passion 1 Federal Com PDK	⁹ Well Number 5H

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
I	1	17S	29E		1910	South	180	East	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
L	1	17S	29E		2270	South	371	West	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/25/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing LLC	O
36785	Dcp Midstream	G

IV. Well Completion Data

²¹ Spud Date 10/3/14	²² Ready Date 11/25/14	²³ TD 9108MD 4423TVD	²⁴ PBTD 9040	²⁵ Perforations 4674 - 9021	²⁶ DHC, MC
²⁷ Hole Size 17-1/2	²⁸ Casing & Tubing Size 13-3/8	²⁹ Depth Set 352	³⁰ Sacks Cement 1000		
12-1/4	9-5/8	1108	500		
7-7/8	5-1/2	9104	2100		
	2-7/8tbg	4068			

V. Well Test Data

³¹ Date New Oil 12/3/14	³² Gas Delivery Date 12/4/14	³³ Test Date 12/5/14	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 341	³⁹ Water 2114	⁴⁰ Gas 263		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:

C Jackson

Printed name: Chasity Jackson
Title: Regulatory Analyst
E-mail Address: cjackson@concho.com
Date: 1/8/15 Phone: 432-686-3087

OIL CONSERVATION DIVISION

Approved by: *RL Dade*
Title: *DIST B SUPERVISOR*
Approval Date: *2/4/15*

Pending BLM approvals will subsequently be reviewed and scanned *LA*

NM OIL CONSERVATION

ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 20 2015

FORM 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.
NMNM7752

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.

8. Well Name and No.
PASSION 1 FEDERAL COM PDK 5H

9. API Well No.
30-015-42410

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC
Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

3a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 79701
3b. Phone No. (include area code)
Ph: 432-686-3087

10. Field and Pool, or Exploratory
EMPIRE;GLORIETA-YESO,E

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 1 T17S R29E Mer NMP NESE 1910FSL 180FEL

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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<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.)

10/30/14 Test frac valve to 7500psi. Spotted 2000 gals acid. Set plug @ 9035. 11/6/14 Perf 14 stages @ Perf 8813 - 9021 w/6SPF, 36 holes, CBP @ 8760.
Perf @ 8495 - 8707 w/6SPF, 36 holes, CBP @ 8442.
Perf @ 8177 - 8389 w/6SPF, 36 holes, CBP @ 8124.
Perf @ 7859 - 8072 w/6SPF, 36 holes, CBP @ 7796.
Perf @ 7541 - 7753 w/6SPF, 36 holes, CBP @ 7478.
Perf @ 7218 - 7435 w/6SPF, 36 holes, CBP @ 7162.
Perf @ 6905 - 7117 w/6SPF, 36 holes, CBP @ 6845.
Perf @ 6590 - 6799 w/6SPF, 36 holes, CBP @ 6528.
Perf @ 6271 - 6481 w/6SPF, 36 holes, CBP @ 6212.
Perf @ 5954 - 6163 w/6SPF, 36 holes, CBP @ 5892.
Perf @ 5628 - 5845 w/6SPF, 36 holes, CBP @ 5578.

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

**Electronic Submission #287367 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 01/08/2015

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 _____

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

*Pending BLM approvals will
subsequently be reviewed
and scanned*

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

Additional data for EC transaction #287367 that would not fit on the form

32. Additional remarks, continued

Perf @ 5309 - 5527 w/6SPF, 36 holes, CBP @ 5259.

Perf @ 4994 - 5209 w/6SPF, 36 holes, CBP @ 4944.

Perf @ 4674 - 4891 w/6SPF, 36 holes. Acidize 14 stages w/53,851 gals 15% acid. Frac w/1,884,510 gals gel, 143,992 gals WaterFrac, 153,408 gals treated water, 4,180,628# 20/40 white sand, 673,119# 20/40 CRC.

11/9/14 RU flowback equipment.

11/23/14 Drill out plugs. Clean out to PBTD 9040.

11/25/14 RIH w/119jts 2-7/8" J55 6.5# tbg, EOT @ 4068. RIH ESP. Hang On.

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 20 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM7752

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		
3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-686-3087		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1910FSL 180FEL At top prod interval reported below NESE 1910FSL 180FEL At total depth NWSW 2270FSL 371FWL			8. Lease Name and Well No. PASSION 1 FEDERAL COM PDK 5H		
14. Date Spudded 10/03/2014			15. Date T.D. Reached 10/12/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/25/2014			9. API Well No. 30-015-42410		
18. Total Depth: MD 9108 TVD 4423			19. Plug Back T.D.: MD 9040 TVD 9040		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS			20. Depth Bridge Plug Set: MD TVD		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		
22. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			17. Elevations (DF, KB, RT, GL)* 3682 GL		

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		352		1000			
12.250	9.625 J55	40.0		1108		500			
7.875	5.500 L80	17.0		9104		2100			

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	4068							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4674	9021	4674 TO 9021	0.430	504	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4674 TO 9021	ACIDIZE W/53,851 GALS 15% ACID. FRAC W/1,884,510 GALS GEL, 153,408 GALS TREATED WATER,
4674 TO 9021	14,992 GALS WATER FRAC, 4,180,628# 20/40 WHITE SAND, 673,119# 20/40 CRC.

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
12/03/2014	12/05/2014	24	→	341.0	263.0	2114.0	36.8	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	
			→	341	263	2114	771	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 *AD*

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

ELECTRONIC SUBMISSION #287369 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** 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
TANSIL	1039		LIMESTONE & DOLOMITE	TANSIL	1039
YATES	1146		SANDSTONE	YATES	1146
QUEEN	2030		SANDSTONE & DOLOMITE	QUEEN	2030
GRAYBURG	2358		SANDSTONE & DOLOMITE	GRAYBURG	2358
SAN ANDRES	2743		DOLOMITE & LIMESTONE	SAN ANDRES	2743
GLORIETA	4175		SANDSTONE	GLORIETA	4175
PADDOCK	4252			PADDOCK	4252

32. Additional remarks (include plugging procedure):
Log has been mailed.

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 #287369 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 01/08/2015

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