

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 & Natural Resources

Form C-104
Revised October 15, 2009

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 550 West Texas Ave, Suite 100 Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW effective 4/11/12
⁴ API Number 30 - 015-39909	⁵ Pool Name DODD; GLORIETA-UPPER YESO	⁶ Pool Code 97917
⁷ Property Code 308195	⁸ Property Name DODD FEDERAL UNIT	⁹ Well Number 570

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
1	11	17S	29E		1650	South	990	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
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/11/12	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
278421	Holly Transportation, LLC	O
221115	Frontier Field Services, LLC	G
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IV. Well Completion Data

²¹ Spud Date 3/19/12	²² Ready Date 4/11/12	²³ TD 4560	²⁴ PBDT 4512	²⁵ Perforations 4175- 4375	²⁶ DHC, MC
²⁷ Hole Size 17-1/2	²⁸ Casing & Tubing Size 13-3/8	²⁹ Depth Set 305	³⁰ Sacks Cement 400		
11	8-5/8	1014	500		
7-7/8	5-1/2	4560	900		
	2-7/8 tbg	4466			

V. Well Test Data

³¹ Date New Oil 4/17/12	³² Gas Delivery Date 4/17/12	³³ Test Date 4/20/12	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 112	³⁹ Water 326	⁴⁰ Gas 128		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: <i>10-9-2014</i>		
Printed name: Chasity Jackson Title: Regulatory Analyst E-mail Address: <i>cjackson@concho.com</i>			Pending BLM approvals will subsequently be reviewed and scanned <i>TCS</i>		
Date: 5/21/12		Phone: 432-686-3087			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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. NMLC058362
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM111789X
3b. Phone No. (include area code) Ph: 432-686-3087		8. Well Name and No. DODD FEDERAL UNIT 570
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T17S R29E Mer NMP NESE 1650FSL 990FEL		9. API Well No. 30-015-39909
		10. Field and Pool, or Exploratory DODD; GLORIETA-UPPER YESO
		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.)

4/2/12 Test 5-1/2 BOP to 3500psi, 30min. ok.
4/3/12 Perf Paddock @ 4175 - 4375 w/1 SPF, 26 holes.
4/4/12 Acidize w/2,000 gals acid. Frac w/159,263 gals gel, 182,236# 16/30 brown sand, 26,771# 16/30 SLC.
4/9/12 Clean out to PBTD 4512.
4/10/12 RIH w/134jts 2-7/8" 6.5# J55 tbg, EOT @ 4466.
4/11/12 RIH w/2-1/2x1-1/2x24 pump. Hang on well.

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ARTESIA DISTRICT

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14. I hereby certify that the foregoing is true and correct. Electronic Submission #138685 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 05/22/2012
THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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
TC9

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.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC058362

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. NMNM111789X		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. DODD FEDERAL UNIT 570		
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com					
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701			9. API Well No. 30-015-39909		
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 1650FSL 990FEL At top prod interval reported below NESE 1650FSL 990FEL At total depth NESE 1650FSL 990FEL			10. Field and Pool, or Exploratory DODD; GLORIETA-UPPER YESO		
			11. Sec., T., R., M., or Block and Survey or Area Sec 11 T17S R29E Mer NMP		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 03/19/2012		15. Date T.D. Reached 03/25/2012	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/11/2012		17. Elevations (DF, KB, RT, GL)* 3640 GL
18. Total Depth: MD 4560 TVD 4560		19. Plug Back T.D.: MD 4512 TVD 4512		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/HNGS MCFL/HNGS			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) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 H40	48.0		305		400			
11.000	8.625 J55	24.0		1014		500			
7.875	5.500 J55	17.0		4560		900			

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	4466							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4175	4375	4175 TO 4375	0.410	26	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4175 TO 4375	ACIDIZE W/2,000 GALS 15% ACID.
4175 TO 4375	FRAC W/159,263 GALS GEL, 182,236# 16/30 BROWN SAND, 26,771# 16/30 SLC.

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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
04/17/2012	04/20/2012	24	→	112.0	128.0	326.0	38.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 112	Gas MCF 128	Water BBL 326	Gas/Oil Ratio 1143	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
TCS

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

ELECTRONIC SUBMISSION #138689 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.)
SOLD

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
RUSTLER	315		ANHYDRITE	RUSTLER	315
SALADO	719		SALT	SALADO	719
YATES	1071		SANDSTONE	YATES	1071
QUEEN	1925		SANDSTONE & DOLOMITE	QUEEN	1925
SAN ANDRES	2621		DOLOMITE & LIMESTONE	SAN ANDRES	2621
GLORIETA	4049		SANDSTONE	GLORIETA	4049
YESO	4127		DOLOMITE & ANHYDRITE	YESO	4127

32. Additional remarks (include plugging procedure):
 Logs will be 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 #138689 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 05/22/2012

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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