

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC028784A	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No. NMNM88525X	
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		8. Lease Name and Well No. BURCH KEELY UNIT 958H	
3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701		9. API Well No. 30-015-42242	
3a. Phone No. (include area code) Ph: 432-686-3087		10. Field and Pool, or Exploratory BURCH KEELY	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 24 T17S R29E Mer NMP At surface NWSW 2270FSL 210FWL Sec 24 T17S R29E Mer NMP At top prod interval reported below NWSW 2270FSL 210FWL Sec 19 T17S R30E Mer NMP At total depth Lot 3 2304FSL 332FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 24 T17S R29E Mer NMP	
12. County or Parish EDDY		13. State NM	
14. Date Spudded 05/10/2014		15. Date T.D. Reached 05/22/2014	
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/22/2014		17. Elevations (DF, KB, RT, GL)* 3591 GL	
18. Total Depth: MD TVD 10010 4879		19. Plug Back T.D.: MD TVD 9918 9918	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS	
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		229		400			
12.250	9.625 J55	40.0		901		500			
8.750	7.000 L80	26.0		4193		1600			
7.875	5.500 L80	17.0	4193	9959					

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	4221							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5100	9900	5100 TO 9900	0.430	396	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5100 TO 9900	ACIDIZE W/49,730 GALS 15% ACID. FRAC W/1,582,758 GALS GEL, 341,747 TREATED WATER.
5100 TO 9900	93,933 GALS WATER FRAC, 2,253,108# 20/40 BROWN, 453,857# 20/40 CRC, 56,871# 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	07/27/2014	24	→	283.0	555.0	635.0	37.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		→	283	555	635	1961	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
			→						2 2014
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		→						

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

ELECTRONIC SUBMISSION #256144 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 11/27/2015BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	873		LIMESTONE & DOLOMITE	TANSIL	873
YATES	979		SANDSTONE	YATES	979
QUEEN	1887		DOLOMITE & LIMESTONE	QUEEN	1887
GRAYBURG	2272		SANDSTONE	GRAYBURG	2272
SAN ANDRES	2582		SANDSTONE	SAN ANDRES	2582
GLORIETA	4034		DOLOMITE & ANHYDRITE	GLORIETA	4034
PADDOCK	4083			PADDOCK	4083

32. Additional remarks (include plugging procedure):
Will mail log.

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 #256144 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 11/08/2014 ()

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 08/06/2014

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Address I
625 N. French Dr. Hobbs, NM 88240
Phone (505) 294-6161 Fax (505) 292-6120

Address II
9118 Ford St., Artesia, NM 88210
Phone (505) 748-1263 Fax (505) 748-9720

Address III
1000 Ray Bradbury Road, Artesia, NM 88210
Phone (505) 314-6118 Fax (505) 314-6110

Address IV
1201 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 474-2160 Fax (505) 476-2162

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42242		² Pool Code 97918		³ Pool Name Burch Keely;Glorieta-Upper Yeso	
⁴ Property Code 308086		⁵ Property Name BURCH KEELY UNIT			⁶ Well Number 958H
⁷ OGRID No. 229137		⁸ Operator Name COG OPERATING, LLC			⁹ Elevation 3591'
¹⁰ Surface Location					
CL or lot no. L	Section 24	Township 17-S	Range 29-E	Lot Idn 	Feet from the 2270
		North/South line SOUTH		Feet from the 210	East/West line WEST
				County EDDY	
¹¹ Bottom Hole Location If Different From Surface					
CL or lot no. 3	Section 19	Township 17-S	Range 30-E	Lot Idn 	Feet from the 2304
		North/South line SOUTH		Feet from the 332	East/West line WEST
				County EDDY	
¹² Dedicated Acres 197.41		¹³ Unit or Int'd 		¹⁴ Consolidation Code 	
¹⁵ Order No. 					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or unconditional mineral interest in the land including any mineral bottom hole location or has a right to drill the well or the bottom hole location to a contract with an owner of such a mineral or working interest, or to a valid pending agreement or a compulsory pooling order previously entered by the division. <i>C. Jackson</i> 8/6/14 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
CORNER DATA NAD 27 GRID - NM EAST A. FND 2" GALVANIZED IP N 659489.0 - E 591239.3 B. FND 3/4" IP N 662126.5 - E 591234.4 C. FND 1" STEEL PIPE W/1/2" RBR INSIDE N 664765.2 - E 591228.9 D. FND USGLO BC 1914 N 664777.0 - E 598506.9 E. FND USGLO BC 1914 N 662139.5 - E 595521.0 F. 2 1/2" SIL PIPE BC BROKE OFF N 659503.6 - E 596529.8 G. FND 1/2" RBR @ FNC LN N 659496.4 - E 593884.4 CORNER DATA NAD 27 GRID - NM EAST H. FND BLM BC 1997 N 664786.3 - E 599063.9 I. FND USGLO BC 1916 N 664796.5 - E 601705.4 J. FND BLM BC 1990 N 662157.0 - E 601714.7 K. FND USGLO BC 1916 N 659517.5 - E 601723.6 L. FND USGLO BC 1916 N 659510.7 - E 599083.1 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 661758.9 E 591445.0 LAT: 32.818909° N LONG: 104.035669° W BOTTOM LOCATION N 661813.9 E 596812.0			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 6/18/13 Date of Survey <i>Robert M. Howett</i> Signature and Seal of Professional Surveyor 19680 Certificate Number REVISED 6/8/12 B.H. LOCATION