

OCD Artesia

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM7752	
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		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		8. Lease Name and Well No. HOBGOBLIN 7 FEDERAL COM UBB 4H	
3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701		9. API Well No. 30-015-41815-00-S1	
3a. Phone No. (include area code) Ph: 432-686-3087		10. Field and Pool, or Exploratory LOCO HILLS	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 2310FNL 150FEL 32.849850 N Lat, 104.002740 W Lon At top prod interval reported below SENE 2310FNL: 150FEL At total depth SESE 2297FNL 392FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 7 T17S R30E Mer NMP	
14. Date Spudded 03/25/2014		15. Date T.D. Reached 04/04/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/27/2014		17. Elevations (DF, KB, RT, GL)* 3671 GL	
18. Total Depth: MD 9529 TVD 5025		19. Plug Back T.D.: MD 9480 TVD 9480	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT HNGSM CFL 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 type="checkbox"/> No <input checked="" 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 J-55	54.5	0	360		450		0	
12.250	9.625 J-55	40.0	0	1244		500		0	
7.875	5.500 L-80	17.0	0	9522	4362	2550		0	

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	4603							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5280	9445	5280 TO 9445	0.430	360	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5280 TO 9445	ACIDIZE W/38,586 GALS 15% ACID. FRAC W/1,805,468 GALS GEL, 205,009 GALS WATER FRAC
5280 TO 9445	209,668 TREATED WATER, 2,513.284# 20/40 BROWN, 436,164# 16/30 CRC, 106,787# 100 MESH.

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/30/2014	06/01/2014	24	→	311.0	132.0	2077.0	37.6	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	
			→	311	132	2077	424	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
			→						JUL 5 2014
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #251559 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RECLAMATION
DUE 11-27-14

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
RUSTLER	383		ANHYDRITE	RUSTLER	383
TANSILL	1106		LIMESTONE & DOLOMITE	TANSILL	1106
YATES	1214		SANDSTONE	YATES	1214
QUEEN	2106		SANDSTONE & DOLOMITE	QUEEN	2106
GRAYBURG	2512		SANDSTONE & DOLOMITE	GRAYBURG	2512
SAN ANDRES	2826		DOLOMITE & LIMESTONE	SAN ANDRES	2826
GLORIETA	4273		SANDSTONE	GLORIETA	4273
PADDOCK	4333		DOLOMITE & ANHYDRITE	PADDOCK	4333

**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 #251559 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/02/2014 (14DW0131SE)**

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 07/02/2014

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

AMENDED REPORT

LOT 1
37.43 Acres
(MSP 37.38)

DETAIL 'A'

3677.5' 600' 3670.0'

600'

S. L.

3670.6' 3664.2'

330'

229.7'

LOT 2
37.51 Acres
(MSP 37.37)

330'

SEE DETAIL 'A'

330'

150'

S 89°38'46" W (GRID) - 4720.54' (HORIZ)

LOT 3
37.47 Acres
(MSP 37.37)

CORNER DATA

NAD 27 GRID - NM EAST

A. FND USGLO BC 1914
N 670054.6 - E 596494.2

B. FND GLO BC 1914
N 672688.0 - E 596478.6

C. FND USGLO BC 1914
N 675324.2 - E 596474.6

D. FND GLO BC
N 675340.1 - E 599029.3

E. FND GLO BC
N 675356.3 - E 601669.2

F. FND GLO BC
N 672716.0 - E 601678.5

C. FND USGLO BC 1915
N 670076.5 - E 601687.2

H. FND USGLO BC 1916
N 670064.7 - E 599047.3

GEODETIC DATA
NAD 27 GRID - NM EAST

SURFACE LOCATION
N 673046.0
E 601527.2

LAT: 32.84985129° N
LONG: 104.00273579° W

BOTTOM LOCATION
N 673079.7
E 596808.6

LOT 4
37.37 Acres
(MSP 37.35)

C. FND USGLO BC 1915
N 670076.5 - E 601687.2

H. FND USGLO BC 1916
N 670064.7 - E 599047.3

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that the operator is duly qualified to perform the work herein stated, and that the work was performed in accordance with the provisions of the laws and regulations of the State of New Mexico, and that the work was performed in accordance with the provisions of the laws and regulations of the State of New Mexico, and that the work was performed in accordance with the provisions of the laws and regulations of the State of New Mexico.

C. Jackson

6/30/14

Signature

Date

Chasity Jackson

Printed Name

cjackson@concho.com

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plan was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.

7/8/13

Date of Survey

Signature and Seal of Professional Surveyor

ROBERT W. HOWEY
NEW MEXICO
19680
PROFESSIONAL SURVEYOR

19680

Certificate Number

REVISED: 1/8/14 NAME CHANGE



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Pecos District

Carlsbad Field Office

620 E. Greene

Carlsbad, New Mexico 88220-6292

www.blm.gov/nm



IN REPLY REFER TO:

NM133058

3105.2 (P0220)

August 5, 2014

Reference:

Hobgoblin 7 Fed Com UBB 4H

T. 17 S., R. 30 E.,

Section 7, N2

Eddy County, NM

COG Operating, LLC
600 West Illinois Avenue
Midland, TX 79701

RECEIVED OGD
2014 AUG 12 P 2:59

Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM133058 involving 34.385 acres of Federal land in lease NM7752, Tract 1A, 40.365 acres of Federal land in lease NM7752, Tract 1B, and 240 acres of Federal land in lease NM117122, Tract 2, Eddy County, New Mexico, which comprise a 314.75 acre well spacing unit.

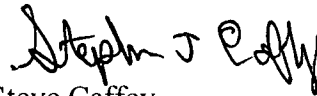
The agreement communitizes all rights to all producible hydrocarbons from the Bone Spring formation beneath T. 17 S., R. 30 E., Section 7, N2, NMPM, and is effective 01/01/2014. Approval of this agreement does not warrant or certify that the operator, thereof, and other working interest owners hold legal or equitable title to the leases which are committed hereto.

Copies of this approval letter are being distributed to the appropriate Federal agencies. You are requested to furnish all interested parties with the appropriate evidence of this approval. Any production royalties that are due must be reported and paid according to regulations set up by the Office of Natural Resources Revenue at 1-800-525-9167 or 303-231-3504.

If you have any questions regarding this approval, please contact Edward G. Fernandez, Petroleum Engineer at (575) 234-2220.

Please furnish all interested principals with appropriate evidence of this approval.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve J Caffey".

Steve Caffey
Assistant Field Manager,
Lands and Minerals

1 Enclosure:

1 - Communitization Agreement

cc:

ONRR, Denver (357B-1, Antoinette Contreras, Stacey Kaiser)

NM Taxation & Revenue Dept. (Revenue Processing Div.)

NMOCD

NM (9200)

NM (P0220-CFO, File Room)

Determination - Approval - Certification

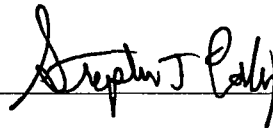
Pursuant to the authority vested in the Secretary of the Interior under Section 17(j) of the Mineral Leasing Act of 1920, as amended (74 Stat. 784; 30 U.S.C. 226(j)), and delegated to the authorized officer of the Bureau of Land Management, I do hereby:

- A. Determine that the Federal lease or leases as to the lands committed to the attached agreement cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located, and that consummation and approval of the agreement will be in the public interest. Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

Approve the attached Communitization Agreement covering T. 17 S., R. 30 E., Section 7, N2, NMPM, as to all producible hydrocarbons from the Bone Spring formation. This approval will become invalid if the public interest requirements under section 3105.2-3 (e) are not met.

- C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of the agreement.

Approved:



Authorized Officer

Effective: 01/01/2014

Contract No.: Com. Agr. NM133058



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene
Carlsbad, New Mexico 88220-6292
www.nm.blm.gov



In Reply Refer to
NM133058
3107 (P0220)

Memorandum

To: State Director (9210)

From: Land Law Examiner (P0220)

Subject: First Production, Communitization Agreement NM133058

Date of Completion:	05/27/2014
Date of First Production:	05/30/2014
Field:	Loco Hills
Operator, Well Name & No, API Number:	COG Operating; Hobgoblin 7 Fed Com UBB 4H; 3001541815
Surface Location:	N2 sec. 7, T. 17 S., R. 30 E.
Total Depth:	9,529 MD; 5,025 TVD
Surface Elevation:	3,671' GL
Producing Formation:	Yeso (5,280 – 9,445)
Well Capable of Production in Paying Quantities:	Yes
Initial Daily Production:	Oil 311 BBL; Gas 132 MCF; Water 2,077 BBL
Current Status:	Producing Oil Well
Remarks:	CA NM132970, effective 01/01/2014, communitizes production of all gas and fluid hydrocarbons in the Yeso formation beneath the N2 of sec. 7, T. 17S, R. 30E., NMPM, and comprises 34.385 acres of Federal land in lease NM7752, Tract 1A, 40.365 acres of Federal land in lease NM7752, Tract 1B, and 240.00 acres of federal land in lease NM117122, Tract 2, for a 314.75 well spacing unit, whose leases are held by actual production.

If you have any questions regarding this memorandum, please call Arthur Morrison at ajmorrison@blm.gov.

/S/ Arthur Morrison
August 5, 2014

cc:
ONRR-MS 63230B
First Production File
LLNM (P0220, File Room)