

Submit To Appropriate District Office  
Two Copies  
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 and Natural Resources  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
July 17, 2008

1. WELL API NO.  
30-015-39175

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)

5 Lease Name or Unit Agreement Name  
McCoy State

6. Well Number: 19

7 Type of Completion:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8 Name of Operator  
COG Operating, LLC

9 OGRID 229137

10. Address of Operator  
550 W. Texas Ave., Suite 100, Midland, TX 79701

11 Pool name or Wildcat  
Empire; Glorieta-Yeso, East 96610

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:		8	17S	29E		330	North	1650	West	Eddy
BH:										

13 Date Spudded 9/9/11	14 Date T D Reached 9/14/11	15 Date Rig Released 9/16/11	16 Date Completed (Ready to Produce) 10/19/11	17. Elevations (DF and RKB, RT, GR, etc.) 3635' GR
18. Total Measured Depth of Well 5426	19 Plug Back Measured Depth 5368	20 Was Directional Survey Made? No	21 Type Electric and Other Logs Run Ht Res Lat Array Micro-CFL/HNGS	

22 Producing Interval(s), of this completion - Top, Bottom, Name  
3920 - 5100

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	48	370	17-1/2	950	
8-5/8	24	880	11	400	
5-1/2	17	5416	7-7/8	950	

24. LINER RECORD				25 TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5039	

26. Perforation record (interval, size, and number) 3920 - 4120 - 1 SPF, 26 holes 4280 - 4480 - 1 SPF, 26 holes 4550 - 4654 - 1 SPF, 27 holes 4900 - 5100 - 1 SPF, 26 holes	Open Open Open Open	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3920 - 4120 4280 - 4480 4550 - 4654 4900 - 5100	See Attachment See Attachment See Attachment See Attachment
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28 PRODUCTION

Date First Production 10/28/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24 Pumping			Well Status (Prod or Shut-in) Producing		
Date of Test 10/31/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 86	Gas - MCF 106	Water - Bbl 628	Gas - Oil Ratio 1233
Flow Tubing Press 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.) 39.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc )  
Sold

30 Test Witnessed By  
Kent Greenway

31 List Attachments  
Logs, C-102, C-104, Deviation Survey

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
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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 Netha Aaron	Title Regulatory Analyst	Date 11/21/11
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E-mail Address oaaron@concho.com

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt <u>309</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>850</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen <u>1644</u>	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres <u>2410</u>	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <u>3786</u>	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T. Rustler <u>177</u>	T. Entrada	
T. Wolfcamp	T. Tansil <u>719</u>	T. Wingate	
T. Penn	T. Yeso <u>3876</u>	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....

No. 2, from ..... to ..... feet.

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**McCoy State 19**  
**API#: 30-015-39175**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3920 - 4120	Acidized w/ 3500 gals 15% HCL.
	Frac w/97,274 gals gel, 94,080 16/30 White sand,
	17,534# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4480	Acidized w/ 3500 gals 15% HCL.
	Frac w/114,003 gals gel, 146,627# 16/30 White
	sand, 29,969# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4550 - 4654	Acidized w/3500 gals 15% HCL.
	Frac w/113,078 gals gel, 150,397# 16/30 White
	sand, 27,307 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5100	Acidized w/3500 gals 15% HCL
	Frac w/114,986 gals gel, 144,932 16/30 White sand,
	27,391# 16/30 CRC

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1301 W. GRAND AVENUE, ARTESIA, NM 88210  
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1000 RIO BRAZOS RD., AZTEC, NM 87410  
DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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

Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015-39175	Pool Code 96610	Pool Name Empire; Glorieta-Yeso, East
Property Code 37933	Property Name <b>McCOY STATE</b>	Well Number 19
OGRID No. 229137	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3635'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	8	17-S	29-E		330	NORTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Netha Aaron</i> 11/17/11 Signature Date</p> <p>Netha Aaron Printed Name</p> <p>oaaron@concho.com E-mail Address</p>	
<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=674956.3 N X=571733.1 E LAT.=32.855321° N LONG.=104.099738° W</p>		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JUNE 20, 2011 Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:  </p> <p>Certificate Number: Gary G. Eidson 12641 Ronald S. Eidson 3239</p> <p>LA WSC W.O.: 11.11.0782</p>	