

Submit To Appropriate District Office
Two Copies
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
Energy, Minerals and Natural Resources

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

Form C-105
Revised August 1, 2011

1. WELL API NO.

30-015-39326

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)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

COG OPERATING LLC

10. Address of Operator

One Concho Center
600 W. Illinois Ave. Midland, TX 79701

5. Lease Name or Unit Agreement Name

Big Boy State

6. Well Number:

8

9. OGRID

229137

11. Pool name or Wildcat

Red Lake; Glorieta-Yeso, Northeast 96836

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	36	17S	27E		275	South	1560	East	Eddy
BH:										

13. Date Spudded 5/6/13	14. Date T.D. Reached 5/12/13	15. Date Rig Released 5/13/13	16. Date Completed (Ready to Produce) 5/30/13	17. Elevations (DF and RKB, RT, GR, etc.) 3670' GR
18. Total Measured Depth of Well 5510		19. Plug Back Measured Depth 4955	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run CNL/MCFL/HNGS

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

3500 - 4700 Yeso

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	262	17-1/2	400sx	
8-5/8	24	852	11	500sx	
5-1/2	17	4999	7-7/8	900sx	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	4560	

26. Perforation record (interval, size, and number)

3500 - 3750 .23, 26 holes OPEN
3800 - 4000 .23, 26 holes OPEN
4050 - 4275 .23, 26 holes OPEN
4450 - 4700 .23, 26 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
3500 - 4700 See Attachment

28. **PRODUCTION**

Date First Production 6/2/13		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 2" x 24' pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 6/9/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 108	Gas - MCF 132	Water - Bbl. 390	Gas - Oil Ratio 1222
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24- Hour Rate	Oil - Bbl. 108	Gas - MCF 132	Water - Bbl. 390	Oil Gravity - API - (Corr.) 37.1	

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

Sold

30. Test Witnessed By

Kent Greenway

31. List Attachments

Logs, C102, C103, Deviation Report, C104, C144

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

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 *C Jackson*

Printed
Name Chasity Jackson

Title Regulatory Analyst

Date 9/6/13

E-mail Address cjackson@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	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 315	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1115	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1569	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1920	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3361	T. McKee	T. Gallup	T. Ignacio Otzte
T. Yeso 3452	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry 3884	T. Gr. Wash	T. Dakota	
T. Tubb 4751	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	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

Big Boy State #8
API#: 30-015-39326
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3500 - 3750	Acidized w/2,500 gals 15% HCL.
	Frac w/102,614 gals gel, 118,248# 16/30 brown
	sand, 13,276# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3800 - 4000	Acidized w/2,500 gals 15% HCL.
	Frac w/117,520 gals gel, 150,239# 16/30 brown
	sand, 30,323# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4050 - 4275	Acidized w/2,500 gals 15% HCL.
	Frac w/118,014 gals gel, 147,289# 16/30 brown
	sand, 29,210# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4450 - 4700	Acidized w/2,500 gals 15% HCL.
	Frac w/114,879 gals gel, 148,043# 16/30 brown
	Sand, 28,882# 16/30 Siberprop.