

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.  
30-015-40429

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  
Big Boy State

6. Well Number:  
4

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

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:	M	36	17S	27E		492	South	806	West	Eddy
BH:										

13. Date Spudded 8/28/14	14. Date T.D. Reached 9/4/14	15. Date Rig Released 9/6/14	16. Date Completed (Ready to Produce) 9/25/14	17. Elevations (DF and RKB, RT, GR, etc.) 3645' GR
18. Total Measured Depth of Well 5015	19. Plug Back Measured Depth 4970	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run N/A	

22. Producing Interval(s), of this completion - Top, Bottom, Name  
3360 - 4625 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	54.5	255	17-1/2	850sx	
8-5/8	24	867	11	400sx	
5-1/2	17	5015	7-7/8	900sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4809	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
3360 - 3610	.41,	26 holes	OPEN	DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
3725 - 3975	.41,	26 holes	OPEN	3360 - 4625		See Attachment	
4050 - 4300	.41,	26 holes	OPEN				
4375 - 4625	.41,	26 holes	OPEN				

28. PRODUCTION

Date First Production 9/30/14		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 10/2/14	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 75	Gas - MCF 222	Water - Bbl. 500	Gas - Oil Ratio 2960
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24- Hour Rate	Oil - Bbl. 75	Gas - MCF 222	Water - Bbl. 500	Oil Gravity - API - (Corr.) 38.9	

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

30. Test Witnessed By  
Ron Beasley

31. List Attachments  
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 Chasity Jackson  
Name Chasity Jackson Title Regulatory Analyst Date 10/20/14  
E-mail Address cjackson@concho.com

**Big Boy State #4**  
**API#: 30-015-40429**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3360 - 3610	Acidized w/1,519 gals 15% HCL.
	Frac w/117,780 gals gel, 217,438# 16/30 brady
	sand, 47,799# 16/30 SLC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3725 - 3975	Acidized w/1,561 gals 15% HCL.
	Frac w/114,404 gals gel, 153,328# 16/30 brady
	sand, 33,457# 16/30 SLC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4050 - 4300	Acidized w/1,435 gals 15% HCL.
	Frac w/117,865 gals gel, 146,847# 16/30 brady
	sand, 39,997# 16/30 SLC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4375 - 4625	Acidized w/2,068 gals 15% HCL.
	Frac w/138,543 gals gel, 157,002# 16/30 brady
	Sand, 29,225# 16/30 SLC.