

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.

30-015-39324

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

550 W Texas Ave, Suite 100
Midland, TX 79701

5 Lease Name or Unit Agreement Name

Big Boy State

6 Well Number.

6

RECEIVED

MAR 16 2012

NMWOOD ARTEZIA

9 OGRID 229137

11 Pool name or Wildcat

Red Lake; Glorioso, South of

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		480	South	2210	East	Eddy
BH:										

13 Date Spudded 12/18/11	14 Date T D Reached 12/26/11	15 Date Rig Released 12/27/11	16 Date Completed (Ready to Produce) 1/19/12	17 Elevations (DF and RKB, RT, GR, etc) 3651' GR
18. Total Measured Depth of Well 5072		19 Plug Back Measured Depth 4992	20. Was Directional Survey Made? No	21 Type Electric and Other Logs Run Compensated Neutron Spectral Gamma Ray CCL

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

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	270	17-1/2	850	
8-5/8	24	864	11	750	
5-1/2	17	5040	7-7/8	900	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4565	

25 TUBING RECORD

26 Perforation record (interval, size, and number)

3430 - 3680 - 0.21, 26 holes Open
3780 - 4030 - 0.21, 26 holes Open
4090 - 4340 - 0.21, 26 holes Open
4400 - 4650 - 0.21, 26 holes Open

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

3430 - 3680 See Attachment
3780 - 4030 See Attachment
4090 - 4340 See Attachment
4400 - 4650 See Attachment

28 PRODUCTION

Date First Production 2/14/12		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 2" x 24' pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 2/17/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 24	Gas - MCF 80	Water - Bbl 560	Gas - Oil Ratio 3333
Flow Tubing Press 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl 24	Gas - MCF 80	Water - Bbl 560	Oil Gravity - API - (Corr) 41.5	

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

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 Chasity Jackson Title Regulatory Analyst Date 3/14/12

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 292	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1086	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1524	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1880	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3303	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb 4658	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 3342	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. 2, from.....to.....

No. 3, 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 #6
API#: 30-015-39324
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3430 - 3680	Acidize w/1,500 gals acid.
	Frac w/106,153 gals gel, 96,371# 16/30 brown,
	28,156# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3780 - 4030	Acidize w/1,500 gals acid.
	Frac w/113,839 gals gel, 144,850# 16/30 brown,
	26,442# 16/30 siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4090 - 4340	Acidize w/1,500 gals acid.
	Frac w/114,516 gals gel, 146,011# 16/30 brown,
	30,236# 16/30 siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4400 - 4650	Acidize w/2,500 gals acid.
	Frac w/114,535 gals gel, 146,291# 16/30 brown,
	27,112# 16/30 siberprop sand.