

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

HOBBS
JUL 01 2013
RECEIVED

1. WELL API NO.
30-025-40821

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
Hickory 14 State

6. Well Number:
01

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
Vacuum; Blinebry, Northeast 97021

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	14	17S	35E		990	North	990	East	Lea
BH:										

13. Date Spudded 11/17/12
14. Date T.D. Reached 11/28/12
15. Date Rig Released 12/4/12
16. Date Completed (Ready to Produce) 1/3/13
17. Elevations (DF and RKB, RT, GR, etc.) 3930' GR

18. Total Measured Depth of Well 8675
19. Plug Back Measured Depth 7880
20. Was Directional Survey Made? No
21. Type Electric and Other Logs Run Compensated Neutron, MCFL/HNGS

22. Producing Interval(s), of this completion - Top, Bottom, Name
6650 - 7714 Blinebry, 7927 - 8330 Drinkard

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	503	17-1/2	500sx	
8-5/8	24	4860	11	1900sx	
5-1/2	17	8661	7-7/8	1450sx	

24. LINER RECORD **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	7509	

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

6650 - 6850	.34, 25 holes	OPEN
6920 - 7120	.34, 26 holes	OPEN
7190 - 7390	.34, 25 holes	OPEN
7460 - 7660	.34, 26 holes	OPEN
7708 - 7714	.34, 36 holes	OPEN
7927 - 8111	.34, 24 holes	OPEN
7931 - 8115	.34, 24 holes	OPEN
8178 - 8330	.34, 20 holes	OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6650 - 6850	See Attachment
6920 - 7120	See Attachment
7190 - 7390	See Attachment
7460 - 7660	See Attachment
7708 - 7714	See Attachment
7927 - 8111	See Attachment (reperf)
7931 - 8115	Acidize w/2500 gals acid.
8178 - 8330	See Attachment

28. PRODUCTION

Date First Production 3/28/13
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 3/28/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 30	Gas - MCF 15	Water - Bbl. 400	Gas - Oil Ratio 500
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Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 30	Gas - MCF 15	Water - Bbl. 400	Oil Gravity - API - (Corr.) 42.0
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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 
Printed Name Chasity Jackson Title Regulatory Analyst Date 6/26/13
E-mail Address cjackson@concho.com


JUL 25 2013

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 <u>3167</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen <u>4057</u>	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres <u>4715</u>	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <u>6225</u>	T. McKee	T. Gallup	T. Ignacio Otzte
T. Yeso	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry <u>6634</u>	T. Gr. Wash	T. Dakota	
T. Tubb <u>7771</u>	T. Delaware Sand	T. Morrison	
T. Drinkard <u>7888</u>	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

- Hickory 14 State #1
 API#: 30-025-40821
 LEA, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6650 - 6850	Acidized w/5,964 gals 15% HCL.
	Frac w/113,314 gals gel, 138,971# 16/30 white sand, 35,551# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6920 - 7120	Acidized w/5,000 gals 15% HCL.
	Frac w/119,163 gals gel, 150,605# 16/30 white sand, 30,806# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7190 - 7390	Acidized w/3,250 gals 15% HCL.
	Frac w/122,159 gals gel, 158,348# 16/30 white sand, 38,433# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7460 - 7660	Acidized w/3,250 gals 15% HCL.
	Frac w/117,765 gals gel, 151,286# 16/30 white sand, 33,444# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7708 - 7714	Acidized w/3,697 gals 15% HCL.
	Frac w/69,249 gals gel, 39,546# 20/40 white sand, 14,856# 20/40 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7927 - 8111	Acidized w/2,500 gals 15% HCL.
	Frac w/77,884 gals gel, 80,511# 20/40 white sand, 32,653# 20/40 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8178 - 8330	Acidized w/2,750 gals 15% HCL.
	Frac w/46,909 gals gel, 28,534# 20/40 white sand.