

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

RECEIVED

MAY 03 2012

NM OGD ARTESIA

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
July 17, 2008

1. WELL API NO.
30-015-37398

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

5. Lease Name or Unit Agreement Name
Hatfield State

6. Well Number.

5

10. Address of Operator

550 West Texas Ave Suite 100, Midland, Texas 79701

9. OGRID

229137

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:	K	8	17S	29E		1650	South	1650	West	Eddy
BH:										

13. Date Spudded 2/18/12	14. Date T D Reached 2/27/12	15. Date Rig Released 2/28/12	16. Date Completed (Ready to Produce) 3/15/12	17. Elevations (DF and RKB, RT, GR, etc.) 3632' GR
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18. Total Measured Depth of Well 5462	19. Plug Back Measured Depth 5408	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run CN/HNGS, MCFL/HNGS
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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	330	17-1/2	1475sx	
8-5/8	24	867	11	500sx	
5-1/2	17	5452	7-7/8	950sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5300	

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

3880 - 4130	.21, 26 holes	OPEN
4280 - 4530	.21, 26 holes	OPEN
4590 - 4840	.21, 26 holes	OPEN
4900 - 5150	.21, 26 holes	OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3880 - 4140	See Attachment
4280 - 4530	See Attachment
4590 - 4840	See Attachment
4900 - 5150	See Attachment

28. PRODUCTION

Date First Production 3/28/12	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 1-3/4" x 24' pump	Well Status (Prod or Shut-in) Producing
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Date of Test 3/29/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 82	Gas - MCF 102	Water - Bbl 308	Gas - Oil Ratio 1244
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Flow Tubing Press	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl 82	Gas - MCF 102	Water - Bbl 308	Oil Gravity - API - (Corr) 40.0
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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 4/26/12

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 826	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1664	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2393	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3790	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb 5236	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 3868	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

Hatfield State #5
API#: 30-015-37398
EDDY, NM



C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3880 - 4130	Acidized w/1,500 gals 15% HCL.
	Frac w/106,184 gals gel, 119,979# 16/30 white
	sand, 26,581# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4530	Acidized w/1,500 gals 15% HCL.
	Frac w/114,080 gals gel, 149,922# 16/30 white
	sand, 29,205# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4590 - 4840	Acidized w/1,500 gals 15% HCL.
	Frac w/168,040 gals gel, 161,830# 16/30 white
	sand, 26,717# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5150	Acidized w/2,500 gals 15% HCL.
	Frac w/117,201 gals gel, 148,211# 16/30 white
	sand, 32,298# 16/30 CRC.