

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
RECEIVED
APR 27 2012
Oil Conservation Division
NMOCDA
1425 S. St. Francis Dr.
Santa Fe, NM 87505

Form C-105
July 17, 2008

1. WELL API NO.
30-015-39737
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
Yale State

6. Well Number
027

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
550 West Texas Ave. Suite 100, Midland, Texas 79701

11. Pool name or Wildcat
MAR LOCO, GLORIETA-YESO, 97866

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	2	17S	30E		2310	South	1650	West	Eddy
BH:										

13. Date Spudded 2/1/12	14. Date T.D. Reached 2/8/12	15. Date Rig Released 2/10/12	16. Date Completed (Ready to Produce) 3/2/12	17. Elevations (DF and RKB, RT, GR, etc.) 3758' GR
18. Total Measured Depth of Well 6175	19. Plug Back Measured Depth 6120	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run Spectral GR Dual Spaced Neutron CCL, RCBL/GR/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	463	17-1/2	1050sx	
8-5/8	24	1425	11	500sx	
5-1/2	17	6175	7-7/8	1650sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5782	

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

4600 - 4875	0.34, 26 holes	OPEN
5090 - 5290	0.34, 26 holes	OPEN
5360 - 5560	0.34, 26 holes	OPEN
5630 - 5830	0.34, 26 holes	OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4600 - 4875	See Attachment
5090 - 5290	See Attachment
5360 - 5560	See Attachment
5630 - 5830	See Attachment

28. PRODUCTION

Date First Production 3/8/12		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 2" x 24' RHBC pump				Well Status (Prod or Shut-in) Producing	
Date of Test 3/10/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 128	Gas - MCF 124	Water - Bbl 428	Gas - Oil Ratio 969
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl 128	Gas - MCF 124	Water - Bbl 428	Oil Gravity - API - (Corr.) 38.1	

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

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 4/24/12

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 1448	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 3071	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4485	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 5126	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

Yale State #27
API#: 30-015-39737
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4600 - 4875	Acidized w/3,000 gals 15% HCL.
	Frac w/109,824 gals gel, 107,239# 16/30 brown sand, 17,803# 16/30 siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5090 - 5290	Acidized w/2,250 gals 15% HCL.
	Frac w/124,661 gals gel, 144,708# 16/30 white sand, 30,946# 16/30 siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5360 - 5560	Acidized w/2,250 gals 15% HCL.
	Frac w/125,852 gals gel, 145,206# 16/30 white sand, 31,194# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5630 - 5830	Acidized w/3,250 gals 15% HCL.
	Frac w/125,114 gals gel, 143,774# 16/30 white sand, 32,116# 16/30 siberprop.