

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 - 39160

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.
35

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 W Texas Ave, Suite 100
Midland, TX 79701**

11 Pool name or Wildcat
Mar Loco Hills; Glorieta, Yeso 96718

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	2	17S	30E		1650	North	330	West	Eddy
BH:										

13 Date Spudded 8/18/11	14 Date T D Reached 8/26/11	15 Date Rig Released 8/28/11	16. Date Completed (Ready to Produce) 9/23/11	17 Elevations (DF and RKB, RT, GR, etc) 3754' GR
18. Total Measured Depth of Well 6150	19 Plug Back Measured Depth 6088	20 Was Directional Survey Made? No	21 Type Electric and Other Logs Run Comp Neutron	

22 Producing Interval(s), of this completion - Top, Bottom, Name
4610 - 5790

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	477	17-1/2	500	
8-5/8	24	1387	11	500	
5-1/2	17	6136	7-7/8	1100	

24. LINER RECORD	25 TUBING RECORD
SIZE TOP BOTTOM SACKS CEMENT SCREEN	SIZE DEPTH SET PACKER SET
	2-7/8 5679

26 Perforation record (interval, size, and number)
4610 - 4860 - 1 SPF, 26 holes Open
4945 - 5170 - 1 SPF, 26 holes Open
5230 - 5480 - 1 SPF, 26 holes Open
5540 - 5790 - 1 SPF, 26 holes Open

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
4610 - 4860 See Attachment
4945 - 5170 See Attachment
5230 - 5480 See Attachment
5540 - 5790 See Attachment

28 **PRODUCTION**

Date First Production
10/5/11

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 10/6/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 144	Gas - MCF 254	Water - Bbl. 411	Gas - Oil Ratio 1734
Flow Tubing Press 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr) 37.5	

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 **Netha Aaron** Title **Regulatory Analyst** Date **10/24/11**

E-mail Address **oaaron@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 <u>525</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>1273</u>	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>1432</u>	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 <u>3051</u>	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <u>4508</u>	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 <u>4576</u>	T. Entrada	
T. Wolfcamp	T. Rustler <u>283</u>	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

Yale State 35
API#: 30-015-39160
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4610 - 4860	Acidized w/ 3000 gals 15% HCL.
	Frac w/103,705 gals gel, 113,877 16/30 White
	sand, 20,085# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4945 - 5170	Acidized w/ 3500 gals 15% HCL.
	Frac w/120,187 gals gel, 157,439# 16/30 White
	sand, 29,728# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5230 - 5480	Acidized w/3500 gals 15% HCL
	Frac w/117,797 gals gel, 148,970# 16/30 White
	sand, 34,627 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5540 - 5790	Acidized w/2500 gals 15% HCL.
	Frac w/115,668 gals gel, 148,266 16/30 White
	sand, 32,322# 16/30 CRC