

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., Lordsburg, NM 88305  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

RECEIVED  
JUN 21 2012  
NMOCD ARTESIA

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.  
**30-015-39815**

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  
**Patton 5 Fee**

6. Well Number  
**2H**

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  
**Atoka; Glorieta-Yeso 3250**

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	5	19S	26E		1040	North	330	West	Eddy
BH:	A	5	19S	26E		1069	North	346	East	Eddy

13. Date Spudded  
**3/5/12**

14. Date T D Reached  
**3/18/12**

15. Date Rig Released  
**3/21/12**

16. Date Completed (Ready to Produce)  
**4/13/12**

17. Elevations (DF and RKB, RT, GR, etc.)  
**3379'**

18. Total Measured Depth of Well  
**6993**  
**v-2740**

19. Plug Back Measured Depth  
**6993**

20. Was Directional Survey Made?  
**Yes**

21. Type Electric and Other Logs Run  
**CN/HNGS, MCFL/HNGS**

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
9-5/8	36	1140	12-1/4	700	
7-7/8	17	6873	5-1/2	550	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	2038	

26. Perforation record (interval, size, and number)  
**2965 – 6834 Open Frac Ports**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
**2965 – 6834**  
AMOUNT AND KIND MATERIAL USED  
**Acidized w/37,427 gals 15% HCL,**  
**Frac w/1,539,162 gals gel, 116,590 gals WaterFrac**  
**83,935# 100 mesh 2,533,473# 20/40 Ottawa sand,**  
**684,308# 20/40 SLC.**

28. **PRODUCTION**

Date First Production  
**5/8/12**

Production Method (Flowing, gas lift, pumping - Size and type pump)  
**Sub pump**

Well Status (Prod or Shut-in)  
**Producing**

Date of Test  
**5/15/12**

Hours Tested  
**24**

Choke Size

Prod'n For Test Period

Oil - Bbl  
**118**

Gas - MCF  
**30**

Water - Bbl  
**510**

Gas - Oil Ratio  
**254**

Flow Tubing Press  
**70**

Casing Pressure  
**70**

Calculated 24-Hour Rate

Oil - Bbl  
**118**

Gas - MCF  
**30**

Water - Bbl  
**510**

Oil Gravity - API - (Corr)  
**40.3**

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, C-144, Schematic**

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  
**C Jackson**

Printed Name  
**Chasity Jackson**

Title  
**Regulatory Analyst**

Date  
**6/18/12**

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	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	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <b>2510</b>	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 Shale	T. Yeso <b>2563</b>	T. Entrada	
T. Lo Abo	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