

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

1. WELL API NO.
30-025-40886

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
Pan Head Fee

6. Well Number: 21H

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 Avenue
Midland, TX 79701

11. Pool name or Wildcat
Maljamar, Yeso, West 44500

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	11	17S	32E		330	North	330	West	Lea
BH:	D	14	17S	32E		952	North	334	West	Lea

13. Date Spudded
9/24/15

14. Date T.D. Reached
10/21/15

15. Date Rig Released
10/11/15

16. Date Completed (Ready to Produce)
11/17/15

17. Elevations (DF and RKB,
RT, GR, etc.) 4182' GR

18. Total Measured Depth of Well
12,402

19. Plug Back Measured Depth
12,313

20. Was Directional Survey Made?
Yes

21. Type Electric and Other Logs Run
CNL/Micro CFL/HNGS

22. Producing Interval(s), of this completion - Top, Bottom, Name
6675 - 12,293 YESO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5#	1010	17-1/2	800sx	
9-5/8	40#	2316	12-1/4	750sx	
7	29	5825	8-3/4	3050sx	
5-1/2	17#	12,382	8-3/4		

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5915	

26. Perforation record (interval, size, and number)
6675 - 12,293 .43 648 holes, Open

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL
6675 - 12,293
AMOUNT AND KIND MATERIAL USED
Acidize 18 stages w/70,487 gals 15% HCL.
Frac w/2,148,006 gals gel, 197,274 gals WaterFrac R9,
147,462 gals WaterFrac R3, 296,478 gals treated water,
4,527,086# 20/40 white sand, 877,727# 20/40 CRC.

PRODUCTION

28. Date First Production
11/22/15

Production Method (Flowing, gas lift, pumping - Size and type pump)
ESP Pump

Well Status (Prod. or Shut-in)
Producing

Date of Test 11/23/15	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 200	Gas - MCF 113	Water - Bbl. 2481	Gas - Oil Ratio 565
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 200	Gas - MCF 113	Water - Bbl. 2481	Oil Gravity - API - (Corr.) 36.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

30. Test Witnessed By
Ron Beasley


31. List Attachments
C-103, C-102, C-104, survey, C-144

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 12/8/15

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 <u>1097</u>	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt <u>1311</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>2388</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers <u>2730</u>	T. Devonian	T. Cliff House	T. Leadville
T. Queen <u>3351</u>	T. Silurian	T. Menefee	T. Madison
T. Grayburg <u>3820</u>	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres <u>4121</u>	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	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	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