

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.
30-015-42785

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
Bose Ikard 4 State Com

6. Well Number: 27H

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
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:	M	4	17S	29E		990	South	330	West	Eddy
BH:	P	4	17S	29E		970	South	350	East	Eddy

13. Date Spudded 4/28/15	14. Date T.D. Reached 5/9/15	15. Date Rig Released 5/10/15	16. Date Completed (Ready to Produce) 6/3/15	17. Elevations (DF and RKB, RT, GR, etc.) 3599' GR
18. Total Measured Depth of Well 8947	19. Plug Back Measured Depth 8878	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Compensated Neutron Log	

22. Producing Interval(s), of this completion - Top, Bottom, Name
4792 - 8858 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	54.5	379	17-1/2	450sx	
9-5/8	40#	915	12-1/4	550sx	
7	29#	3981	8-3/4	0sx	
5-1/2	17#	8947	7-7/8	2050sx	

24. LINER RECORD	25. TUBING RECORD																								
<table><tr><td>SIZE</td><td>TOP</td><td>BOTTOM</td><td>SACKS CEMENT</td><td>SCREEN</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN											<table><tr><td>SIZE</td><td>DEPTH SET</td><td>PACKER SET</td></tr><tr><td>2-7/8</td><td>3936</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	SIZE	DEPTH SET	PACKER SET	2-7/8	3936				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN																					
SIZE	DEPTH SET	PACKER SET																							
2-7/8	3936																								

26. Perforation record (interval, size, and number)
4792 - 8858 .43 468 holes, Open

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4792 - 8858	Acidize 13 stages w/53,162 gals 7.5% HCL. Frac w/1,598,108 gals gel, 99,281 gals WaterFrac R3, 96,875 gals WaterFrac R9, 128,174 gals treated water, 3,259,820# 20/40 white sand, 636,225# 20/40 CRC.

28. PRODUCTION

Date First Production 6/7/15	Production Method (Flowing, gas lift, pumping - Size and type pump) ESP	Well Status (Prod. Or Shut-in) Producing					
Date of Test 6/8/15	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 221	Gas - MCF 322	Water - Bbl. 1442	Gas - Oil Ratio 1457
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 221	Gas - MCF 322	Water - Bbl. 1442	Oil Gravity - API - (Corr.) 37.2	


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

30. Test Witnessed By
Ron Beasley

31. List Attachments
C-102, C-103, C-104, 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 Chasity Jackson Title Regulatory Analyst Date 6/15/15
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	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 880	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1100	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1663	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2073	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2412	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3815	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3879	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. 2, 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