

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
Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO.
30-025-42782
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
Viking Helmet State Com

6. Well Number:
1H

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
2208 W. Main Street
Artesia, NM 88210

11. Pool name or Wildcat
WC-025 G-09 S243532M; Wolfbone

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	29	24S	35E		190	North	380	East	Lea
BH:	H	32	24S	35E		2290	North	419	East	Lea

13. Date Spudded 3/5/17	14. Date T.D. Reached 4/4/17	15. Date Rig Released 4/8/17	16. Date Completed (Ready to Produce) 6/5/17	17. Elevations (DF and RKB, RT, GR, etc.) 3309' GR
18. Total Measured Depth of Well 19500'	19. Plug Back Measured Depth 19470'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run None	

22. Producing Interval(s), of this completion - Top, Bottom, Name
12557-19445' Wolfbone

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	75#	771'	17 1/2"	850 sx	
10 3/4"	45.5#	771'	17 1/2"	850 sx	
7 5/8"	29.7#	2485'	12 1/4"	900 sx	
5 1/2"	23#	0-11623'	6 3/4"	1450 sx	
5"	18#	11623-19500'	6 3/4"		

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	11538'	11529'

26. Perforation record (interval, size, and number) 12557-19395' (1980) 19435-19445' (60)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12557-19395'	Acadz w/138,642 gal 7 1/2%; Frac with 17,226,195# sand & 16,501,506 gal fluid

28. PRODUCTION

Date First Production 6/6/17	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing					
Date of Test 6/6/17	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 65	Gas - MCF 0	Water - Bbl. 1544	Gas - Oil Ratio
Flow Tubing Press. 3700#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 65	Gas - MCF 0	Water - Bbl. 1544	Oil Gravity - API - (Corr.)	

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

30. Test Witnessed By
John Mraz

31. List Attachments
Surveys

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD83

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: Stormi Davis Title Regulatory Analyst Date: 6/19/17

E-mail Address: sdavis@concho.com

KCB

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 899'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4895'	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. Rustler 548'	T. Mancos	T. McCracken
T. Glorieta	T. Lamar 5287'	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Bell Canyon 5344'	Base Greenhorn	T. Granite
T. Blinebry	T. Cherry Canyon 6282'	T. Dakota	
T. Tubb	T. Brushy Canyon 7789'	T. Morrison	
T. Drinkard	T. Bone Spring Lm 9074'	T. Todilto	
T. Abo	T. 1 st Bone Spring 10274'	T. Entrada	
T. Wolfcamp	T. 2 nd Bone Spring 10836'	T. Wingate	
T. Penn	T. 3 rd Bone Spring 11847'	T. Chinle	
T. Cisco (Bough C)	T. Wolfcamp 12390'	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