

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 April 3, 2017								
		1. WELL API NO. 30-025-46406								
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No.								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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 Pickelhaube State								
		6. Well Number:  702H								
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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 S253402N; WOLFCAMP								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	36	24S	34E		330	North	1256	West	Lea
BH:	M	36	24S	34E		50	South	707	West	Lea
13. Date Spudded 10/30/19	14. Date T.D. Reached 11/25/19		15. Date Rig Released 11/27/19			16. Date Completed (Ready to Produce) 3/10/20		17. Elevations (DF and RKB, RT, GR, etc.) 3410' GR		
18. Total Measured Depth of Well 17,911'			19. Plug Back Measured Depth 17,835'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name 13,050-17,810' Wolfcamp										
<b>CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10 3/4"		45.5#		1237'		14 3/4"		894 sx		
7 5/8"		29.7#		12318'		9 7/8"		1690 sx		
5.5"		23#		17903'		6 3/4"		1240sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP		BOTTOM		SACKS CEMENT	SCREEN	SIZE	DEPTH SET		PACKER SET
							2 7/8"	12074'		12064'
26. Perforation record (interval, size, and number)  13,050 – 17,810' (780)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						13,050-17,810'		Acid w/38,472 gal 7 1/2%; Frac with 9,630,560# sand & 9,828,714 gal fluid		
<b>PRODUCTION</b>										
Date First Production 3/14/20		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 3/14/20	Hours Tested 24	Choke Size 17/64"	Prod'n For Test Period 24 Hrs	Oil - Bbl 492	Gas - MCF 723	Water - Bbl. 2441	Gas - Oil Ratio			
Flow Tubing Press. 3450#	Casing Pressure 1950#	Calculated 24-Hour Rate	Oil - Bbl. 368	Gas - MCF 648	Water - Bbl. 2524	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Juan Villalobos			
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: 11/27/19			
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 <i>Amanda Avery</i>		Name: Amanda Avery			Title Regulatory Analyst			Date 4/7/2020		
E-mail Address: aavery@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. Rslr _____ 904'	T. Canyon _____	T. Charkey _____ 11901'	T. Penn A" _____
T. Salt _____ 1435'	T. Strawn _____	T. 3 <sup>rd</sup> Bone Spring _____ 12258'	T. Penn. "B" _____
B. Salt _____ 5228'	T. Atoka _____	T. V Sand _____ 12517'	T. Penn. "C" _____
T. Yates _____	T. Miss _____	T. 3 <sup>rd</sup> Bone SpringW _____ 12582'	T. Penn. "D" _____
T. 7 Rivers _____	T. Devonian _____	T. Wolfcamp _____ 12735'	T. Leadville _____
T. Queen _____	T. Silurian _____	T. Wolfcamp Lith _____ 12874'	T. Madison _____
T. Grayburg _____	T. Montoya _____	T. Point Lookout _____	T. Elbert _____
T. San Andres _____	T. Rustler _____	T. Mancos _____	T. McCracken _____
T. Glorieta _____	T. Lamar _____ 5513'	T. Gallup _____	T. Ignacio Otzte _____
T. Paddock _____	T. Bell Canyon _____ 5564'	Base Greenhorn _____	T. Granite _____
T. Blinebry _____	T. Cherry Canyon _____ 6537'	T. Dakota _____	
T. Tubb _____	T. Brushy Canyon _____ 8179'	T. Morrison _____	
T. Drinkard _____	T. Bone Spring GL _____ 9420'	T. Todilto _____	
T. Abo _____	T. 1 <sup>st</sup> Bone Spring _____ 10643'	T. Entrada _____	
T. Wolfcamp _____	T. 1st Bone Spring- Shale _____ 10840'	T. Wingate _____	
T. Penn _____	T. 2nd Bone Spring _____ 11242'	T. Chinle _____	
T. Cisco (Bough C) _____	T. 2nd Bone Spring Base _____ 11700'	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