

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				<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> Revised April 3, 2017			
				1. WELL API NO.				30-025-46419			
				2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN							
				3. State Oil & Gas Lease No.							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
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:  601H			
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								OCD - HOBBS 04/03/2020 RECEIVED			
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 Red Hills; Bone Spring, North			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	B	36	24S	34E		324	North	2473	East	Lea	
BH:	O	36	24S	34E		53	South	1963	East	Lea	
13. Date Spudded 10/27/19	14. Date T.D. Reached 1/4/20	15. Date Rig Released 1/6/20			16. Date Completed (Ready to Produce) 3/10/20			17. Elevations (DF and RKB, RT, GR, etc.) 3387' GR			
18. Total Measured Depth of Well 17,733'			19. Plug Back Measured Depth 17,660'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run None			
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,755-17,635' Bone Springs											
<b>23. 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#		1306'		14 3/4"		796 sx			
7 5/8"		29.7#		12104'		8 3/4"		1565 sx			
5 1/2"		20#		17718'		6 3/4"		1215 sx			
<b>24. LINER RECORD</b>						<b>25. TUBING RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN	SIZE	DEPTH SET		PACKER SET		
						2 7/8"	11951'		11941'		
26. Perforation record (interval, size, and number)  12,755 – 17,635' (780)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
						DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED		
						12,755-17,635'			Acdz w/37,800 gal 7 1/2%; Frac with 10,049,550# sand & 9,480,366 gal fluid		
<b>28. PRODUCTION</b>											
Date First Production 3/19/20		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Flowing					Well Status ( <i>Prod. or Shut-in</i> ) Producing				
Date of Test 3/19/20	Hours Tested 24	Choke Size 15/64"	Prod'n For Test Period 24 Hrs	Oil - Bbl 336	Gas - MCF 533	Water - Bbl. 1852	Gas - Oil Ratio				
Flow Tubing Press. 3400#	Casing Pressure 2000#	Calculated 24-Hour Rate	Oil - Bbl. 336	Gas - MCF 533	Water - Bbl. 1852	Oil Gravity - API - ( <i>Corr.</i> )					
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) 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: 1/6/20				
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 4/1/2020			
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 _____ 875	T. Canyon _____	T. 3 <sup>rd</sup> Bone Spring _____ 12296'	T. Penn A" _____
T. Salt _____ 1398	T. Strawn _____	T. V Sand _____ 12549'	T. Penn. "B" _____
B. Salt _____ 5220	T. Atoka _____	T. 3 <sup>rd</sup> Bone Spring W _____ 12643'	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 _____	T. Mancos _____	T. McCracken _____
T. Glorieta _____	T. Lamar _____ 5505'	T. Gallup _____	T. Ignacio Otzte _____
T. Paddock _____	T. Bell Canyon _____ 5569'	Base Greenhorn _____	T. Granite _____
T. Blinebry _____	T. Cherry Canyon _____ 6558'	T. Dakota _____	
T. Tubb _____	T. Brushy Canyon _____ 8238'	T. Morrison _____	
T. Drinkard _____	T. Bone Spring GL _____ 9464'	T. Todilto _____	
T. Abo _____	T. 1 <sup>st</sup> Bone Spring _____ 10648'	T. Entrada _____	
T. Wolfcamp _____	T. 1st Bone Spring- Shale _____ 10853'	T. Wingate _____	
T. Penn _____	T. 2nd Bone Spring _____ 11226'	T. Chinle _____	
T. Cisco (Bough C) _____	T. 2nd Bone Spring Base _____ 11678'	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