

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						NM OIL CONSERVATION State of New Mexico Energy, Minerals and Natural Resources APR 09 2018 Oil Conservation Division 220 South St. Francis Dr. Santa Fe, NM 87505 RECEIVED						Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																	
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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 Graham Cracker 2 State 6. Well Number: 1H											
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 Purple Sage; Wolfcamp (Gas)											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County							
Surface:	P	2	26S	28E		745	South	840	East	Eddy							
BH:	A	2	26S	28E		201	North	370	East	Eddy							
13. Date Spudded 11/12/17	14. Date T.D. Reached 12/12/17		15. Date Rig Released 12/16/17			16. Date Completed (Ready to Produce) 3/13/18			17. Elevations (DF and RKB, RT, GR, etc.) 2949' GR								
18. Total Measured Depth of Well 15088' <i>110467</i>			19. Plug Back Measured Depth 14970'			20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run None								
22. Producing Interval(s), of this completion - Top, Bottom, Name 10563-14945' Wolfcamp																	
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# <i>J55</i>		422'		17 1/2"		<i>C</i> 450 sx									
9 5/8"		40# <i>J55</i>		2695'		12 1/4"		<i>C</i> 900 sx									
7"		29# <i>P110</i>		9829'		8 3/4"		<i>C</i> 1200 sx									
24. LINER RECORD 25. TUBING RECORD																	
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN	SIZE	DEPTH SET	PACKER SET									
4 1/2"		9286'	15084'		700 <i>H</i>		2 7/8"	9442'	9425'								
26. Perforation record (interval, size, and number) 10563-14893' (1276) 14935-14945' (60)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10563-14893' Acldz w/87,696 gal 7 1/2%; Frac w/8,689,287# sand & 10,831,128 gal fluid											
PRODUCTION																	
Date First Production 3/17/18		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing										
Date of Test 3/17/18	Hours Tested 24	Choke Size 26/64"	Prod'n For Test Period	Oil - Bbl 50	Gas - MCF 273	Water - Bbl. 3991	Gas - Oil Ratio										
Flow Tubing Press. 2400#	Casing Pressure 300#	Calculated 24-Hour Rate	Oil - Bbl. 50	Gas - MCF 273	Water - Bbl. 3991	Oil Gravity - API - (Corr.)											
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Jay Herrera										
31. List Attachments																	
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 <i>Stormi Davis</i>			Printed Name: Stormi Davis			Title Regulatory Analyst			Date: 4/5/18								
E-mail Address: sdavis@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 821'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2420'	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 393'	T. Mancos	T. McCracken
T. Glorieta	T. Lamar 2611'	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Bell Canyon 2632'	Base Greenhorn	T. Granite
T. Blinebry	T. Brushy Canyon 4780'	T. Dakota	
T. Tubb	T. Bone Spring Lm 6333'	T. Morrison	
T. Drinkard	T. 1 st Bone Spring 7267'	T. Todilto	
T. Abo	T. 2 nd Bone Spring 8116'	T. Entrada	
T. Wolfcamp	T. 3 rd Bone Spring 9105'	T. Wingate	
T. Penn	T. Wolfcamp 9492'	T. Chinle	
T. Cisco (Bough C)		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