

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 April 3, 2017
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HOBBS OCD  
 JUN 02 2017  
 RECEIVED

**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 <p style="text-align: center;">Lightning 1 State SWD</p> 6. Well Number:  <p style="text-align: center;">2</p>									
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 <p style="text-align: center;">COG Operating LLC</p>										
9. OGRID <p style="text-align: center;">229137</p>										
10. Address of Operator <p style="text-align: center;">2208 W. Main Street Artesia, NM 88210</p>										
11. Pool name or Wildcat <p style="text-align: center;">SWD; Devonian-Silurian</p>										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	1	21S	33E		3780	South	2300	West	Lea
BH:										
13. Date Spudded 2/10/17	14. Date T.D. Reached 3/23/17	15. Date Rig Released 3/26/17		16. Date Completed (Ready to Produce) 5/9/17		17. Elevations (DF and RKB, RT, GR, etc.) 3782' GR				
18. Total Measured Depth of Well 16500'		19. Plug Back Measured Depth 16500'		20. Was Directional Survey Made? No		21. Type Electric and Other Logs Run Temp, CBL, CNL, Laterolog, Sonic				
22. Producing Interval(s), of this completion - Top, Bottom, Name 15050-16500' (OH) Devonian-Silurian										

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	133#	1805'	26"	2830 sx	
13 3/8"	68#	5485'	17 1/2"	4160 sx	
9 5/8"	47#	11800'	12 1/4"	2875 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
7"	11252'	15050'	500		4 1/2"	15028'	15028'

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	15050-16500'
	Acidz w/39905 gal 20% NeFe;

28. PRODUCTION							
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )			Well Status ( <i>Prod. or Shut-in</i> )		
					Shut-In for Construction		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )	

29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )	30. Test Witnessed By
31. List Attachments Survey, Logs, Chart	
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: 5/31/17
E-mail Address: sdavis@concho.com		

66 3782 DP 3970 KB 3871

# 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	1854'		T. Strawn	12619'		T. Kirtland			T. Penn. "B"
B. Salt	3600'		T. Atoka	12819'		T. Fruitland			T. Penn. "C"
T. Yates			T. Miss	13952'		T. Pictured Cliffs			T. Penn. "D"
T. 7 Rivers			T. Devonian	15037'		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.			T. Mancos			T. McCracken
T. Glorieta			T.			T. Gallup			T. Ignacio Otzte
T. Paddock			T.			Base Greenhorn			T. Granite
T. Blinebry			T. Rustler	1754'		T. Dakota			
T. Tubb			T. Delaware	5670'		T. Morrison			
T. Drinkard			T. Bone Spring Lm	8731'		T. Todilto			
T. Abo			T. 1 <sup>st</sup> Bone Spring	9860'		T. Entrada			
T. Wolfcamp	11540'		T. 2 <sup>nd</sup> Bone Spring	10604'		T. Wingate			
T. Penn			T. 3 <sup>rd</sup> Bone Spring	11410'		T. Chinle			
T. Cisco (Bough C)			T. Morrow	13555'		T. Permian			

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
 No. 2, from.....to.....  
 No. 3, 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