

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						HOBBBS OCD State of New Mexico Energy, Minerals and Natural Resources OCT 03 2018 RECEIVED Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505						Form C-105 Revised April 3, 2017			
1. WELL API NO. 30-025-44270															
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 Bobwhite 12 State Com							
								6. Well Number: 12H							
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 Berry; 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:	A	12	21S	33E		200'	North	1300'	East	Lea					
BH:	P	12	21S	33E		210'	South	1306'	East	Lea					
13. Date Spudded 3/24/18	14. Date T.D. Reached 4/18/18	15. Date Rig Released 4/18/18			16. Date Completed (Ready to Produce) 7/20/18			17. Elevations (DF and RKB, RT, GR, etc.) 3773' GR							
18. Total Measured Depth of Well 15620'			19. Plug Back Measured Depth 15495'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run							
22. Producing Interval(s), of this completion - Top, Bottom, Name 11025-15310' Bonespring															
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#		1808'		17 1/2"		1450 sx		✓					
9 5/8"		40#		5758'		12 1/4"		2400 sx		✓					
5 1/2"		17#		15610'		8 3/4"		2350 sx		✓					
24. LINER RECORD															
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD									
						SIZE 2 7/8"		DEPTH SET 10289'		PACKER SET 10273' ✓					
26. Perforation record (interval, size, and number) 11152-15470' (870)															
						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.									
						DEPTH INTERVAL 11152-15470'		AMOUNT AND KIND MATERIAL USED Acidz w/56,832 gal 7 1/2%; Frac w/8,563,115# sand & 9,309,158 gal fluid							
28. PRODUCTION															
Date First Production 6/20/18		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing								
Date of Test 6/20/18	Hours Tested 24	Choke Size 16/64"	Prod'n For Test Period	Oil - Bbl 499	Gas - MCF 732	Water - Bbl 1997	Gas - Oil Ratio								
Flow Tubing Press. 50#	Casing Pressure 884#	Calculated 24-Hour Rate	Oil - Bbl 499	Gas - MCF 732	Water - Bbl 1997	Oil Gravity - API - (Corr.)									
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By Libby Einhorn							
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 <i>Amanda Avery</i>			Printed Name: Amanda Avery			Title Regulatory Tech			Date: 10/01/18						
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. Anhy	T. Canyon		T. Ojo Alamo	T. Penn A"
T. Salt 1875'	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt 3733'	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 1779'		T. Mancos	T. McCracken
T. Glorieta	T. Lamar 5745'		T. Gallup	T. Ignacio Otzte
T. Paddock	T. Bone Spring Lm		Base Greenhorn	T. Granite
T. Blinebry	T. 1 st Bone Spring 9894'		T. Dakota	
T. Tubb	T. 2 nd Bone Spring 10622'		T. Morrison	
T. Drinkard	T. 3 rd Bone Spring		T. Todilto	
T. Abo	T. Wolfcamp		T. Entrada	
T. CPTN	T. Bell Canyon 5850'		T. Wingate	
T. Penn	T. Cherry Canyon 6322'		T. Chinle	
T. Cisco (Bough C)	T. Brushy Canyon 6986'		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

Bobwhite State Com #12H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	317541	342426
2	3000	312821	337068
3	3024	298178	292928
4	3012	312431	392940
5	3024	312979	465612
6	3000	313205	401832
7	3024	311259	352086
8	3024	313798	315126
9	3012	311535	319650
10	3024	168590	416850
11	1512	312336	334026
12	1512	310653	364098
13	1512	311212	297150
14	1500	311531	330192
15	1512	314171	280014
16	1512	311374	353724
17	1500	314054	327966
18	1500	311878	266184
19	1512	313499	274344
20	1500	312487	275382
21	1512	314086	292068
22	1512	311483	273210
23	1512	313334	284466
24	1512	312460	267288
25	1512	313135	269430
26	1512	313855	270018
27	1512	312801	329448
28	2520	310878	280602
29	1512	283092	303030
Totals	56,832	8,563,115	9,309,158

From Bottom to Top	Stage 1	Distance Between Perfs	Shots	Stage 2	Distance Between Perfs	Shots	Stage 3	Distance Between Perfs	Shots	Stage 4	Distance Between Perfs	Shots	Stage 5	Distance Between Perfs	Shots
	15,470	19	5	15,279	60	5	15,171	19	5	15,009	31	5	14,872	18	5
	15,451	18	5	15,287	17	5	15,149	16	5	15,003	23	5	14,852	18	5
	15,433	19	4	15,250	12	4	15,133	15	4	14,980	15	4	14,834	24	4
	15,414	19	4	15,238	12	4	15,118	22	4	14,965	19	4	14,810	13	4
	15,395	18	3	15,226	11	3	15,096		3	14,946	18	3	14,797	19	3
	15,377	19	3	15,216	11	3	15,077	18	3	14,928	19	3	14,778	19	3
	15,358	19	3	15,204	14	3	15,059	19	3	14,909	19	3	14,759	18	3
	15,339		3	15,190		3	15,040		3	14,890		3	14,741		3
	Plug to Plug	81	30	Plug to Plug	48	30	Plug to Plug	60	30	Plug to Plug	51	30	Plug to Plug	71	30
Frac Plug		15,495	Total Shots	Frac Plug	15,286	Total Shots	Frac Plug	15,178	Total Shots	Frac Plug	15,016	Total Shots	Frac Plug	14,881	Total Shots

From Bottom to Top	Stage 6	Distance Between Perfs	Shots	Stage 7	Distance Between Perfs	Shots	Stage 8	Distance Between Perfs	Shots	Stage 9	Distance Between Perfs	Shots	Stage 10	Distance Between Perfs	Shots
	14,714	27	5	14,572	19	5	14,421	23	5	14,274	18	5	14,122	22	5
	14,703	19	5	14,554	19	5	14,404	19	5	14,255	19	5	14,105	19	5
	14,684	38	4	14,535	19	4	14,385	18	4	14,236	19	4	14,086	19	4
	14,646	17	4	14,516	18	4	14,367	19	4	14,217	19	4	14,067	18	4
	14,629	17	3	14,498	22	3	14,348	19	3	14,198	20	3	14,049	19	3
	14,612	21	3	14,476	16	3	14,329	22	3	14,178	17	3	14,030	19	3
	14,591		3	14,460	16	3	14,307	15	3	14,161	17	3	14,011	18	3
			3	14,444		3	14,292		3	14,144		3	13,993		3
	Plug to Plug	75	30	Plug to Plug	63	30	Plug to Plug	61	30	Plug to Plug	66	30	Plug to Plug	62	30
Frac Plug		14,721	Total Shots	Frac Plug	14,579	Total Shots	Frac Plug	14,428	Total Shots	Frac Plug	14,283	Total Shots	Frac Plug	14,129	Total Shots

From Bottom to Top	Stage 11	Distance Between Perfs	Shots	Stage 12	Distance Between Perfs	Shots	Stage 13	Distance Between Perfs	Shots	Stage 14	Distance Between Perfs	Shots	Stage 15	Distance Between Perfs	Shots
	13,963	30	5	13,824	19	5	13,665	28	5	13,525	19	5	13,371	23	5
	13,955	23	5	13,806	19	5	13,656	22	5	13,506	18	5	13,357	19	5
	13,932	14	4	13,787	24	4	13,634	15	4	13,488	21	4	13,338	19	4
	13,918	19	4	13,763	13	4	13,619	18	4	13,467	17	4	13,319	18	4
	13,899	19	3	13,750	19	3	13,601	20	3	13,450	14	3	13,301	19	3
	13,880	18	3	13,731	19	3	13,581	18	3	13,436	23	3	13,282	14	3
	13,862	19	3	13,712	19	3	13,563	19	3	13,413	19	3	13,268	23	3
	13,843		3	13,693		3	13,544		3	13,394		3	13,245		3
	Plug to Plug	52	30	Plug to Plug	68	30	Plug to Plug	53	30	Plug to Plug	65	30	Plug to Plug	59	30
Frac Plug		13,970	Total Shots	Frac Plug	13,831	Total Shots	Frac Plug	13,672	Total Shots	Frac Plug	13,532	Total Shots	Frac Plug	13,378	Total Shots

From Bottom to Top	Stage 16	Distance Between Perfs	Shots	Stage 17	Distance Between Perfs	Shots	Stage 18	Distance Between Perfs	Shots	Stage 19	Distance Between Perfs	Shots	Stage 20	Distance Between Perfs	Shots
	13,226	19	5	13,076	19	5	12,916	29	5	12,777	19	5	12,625	23	5
	13,207	18	5	13,058	19	5	12,908	21	5	12,758	18	5	12,609	19	5
	13,189	19	4	13,039	25	4	12,887	16	4	12,740	20	4	12,590	19	4
	13,170	19	4	13,014	12	4	12,871	21	4	12,720	18	4	12,571	20	4
	13,151	19	3	13,002	19	3	12,850	17	3	12,702	14	3	12,551	17	3
	13,132	18	3	12,983	19	3	12,833	15	3	12,688	23	3	12,534	18	3
	13,114	19	3	12,964	19	3	12,818	22	3	12,665	17	3	12,516	19	3
	13,095		3	12,945		3	12,796		3	12,648		3	12,497		3
	Plug to Plug	63	30	Plug to Plug	72	30	Plug to Plug	52	30	Plug to Plug	64	30	Plug to Plug	61	30
Frac Plug		13,233	Total Shots	Frac Plug	13,086	Total Shots	Frac Plug	12,923	Total Shots	Frac Plug	12,784	Total Shots	Frac Plug	12,632	Total Shots

From Bottom to Top	Stage 21	Distance Between Perfs	Shots	Stage 22	Distance Between Perfs	Shots	Stage 23	Distance Between Perfs	Shots	Stage 24	Distance Between Perfs	Shots	Stage 25	Distance Between Perfs	Shots
	12,478	19	5	12,312	35	5	12,179	18	5	12,022	26	5	11,880	18	5
	12,459	18	5	12,305	14	5	12,160	19	5	12,010	18	5	11,861	19	5
	12,441	20	4	12,291	19	4	12,141	19	4	11,992	19	4	11,842	19	4
	12,421	18	4	12,272	22	4	12,122	18	4	11,973	21	4	11,823	18	4
	12,403	16	3	12,250	15	3	12,104	16	3	11,952	16	3	11,805	23	3
	12,387	21	3	12,235	17	3	12,088	21	3	11,936	18	3	11,782	15	3
	12,366	19	3	12,218	21	3	12,067	19	3	11,918	20	3	11,767	18	3
	12,347		3	12,197		3	12,048		3	11,898		3	11,749		3
	Plug to Plug	64	30	Plug to Plug	59	30	Plug to Plug	66	30	Plug to Plug	56	30	Plug to Plug	64	30
Frac Plug		12,485	Total Shots	Frac Plug	12,331	Total Shots	Frac Plug	12,188	Total Shots	Frac Plug	12,029	Total Shots	Frac Plug	11,887	Total Shots

From Bottom to Top	Stage 26	Distance Between Perfs	Shots	Stage 27	Distance Between Perfs	Shots	Stage 28	Distance Between Perfs	Shots	Stage 29	Distance Between Perfs	Shots	Stage 30	Distance Between Perfs	Shots
	11,726	23	5	11,575	24	5	11,425	27	5	11,274	26	5		11152	
	11,711	18	5	11,562	19	5	11,412	19	5	11,262	18	5			
	11,693	19	4	11,543	19	4	11,393	18	4	11,244	19	4			
	11,674	19	4	11,524	18	4	11,375	19	4	11,225	19	4			
	11,655	19	3	11,506	19	3	11,356	19	3	11,206	21	3			
	11,636	22	3	11,487	19	3	11,337	21	3	11,185	16	3			
	11,614	15	3	11,468	16	3	11,316	16	3	11,169	17	3			
	11,599		3	11,452		3	11,300		3	11,152		3			
	Plug to Plug	59	30	Plug to Plug	66	30	Plug to Plug	62	30	Plug to Plug	66	30	Plug to Plug	0	0
Frac Plug		11,733	Total Shots	Frac Plug	11,590	Total Shots	Frac Plug	11,437	Total Shots	Frac Plug	11,291	Total Shots	Frac Plug		Total Shots