

Submit To Appropriate District Office Two Copies District I 1625 N French Dr, Hobbs, NM 88240 District II 1301 W Grand Avenue, 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 July 17, 2008
		1. WELL API NO. 30-015-37689
		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 Lovelady State
		6 Well Number: 4H
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 Wildcat; Bone Spring (97883)
12. Location	Unit Ltr	Section
Surface:	P	16
BH:	A	16
Township	25S	25E
Range	25S	25E
Lot		
Feet from the	380	South
N/S Line	660	East
Feet from the	480	East
E/W Line		Eddy
County		
13 Date Spudded 8/21/10	14 Date T.D. Reached 9/13/10	15 Date Rig Released 9/15/10
16. Date Completed (Ready to Produce) 9/7/11		17 Elevations (DF and RKB, RT, GR, etc.) 3538' GR
18. Total Measured Depth of Well 10088'	19. Plug Back Measured Depth 10018'	20. Was Directional Survey Made? Yes
21 Type Electric and Other Logs Run DSN, DLL		
22 Producing Interval(s), of this completion - Top, Bottom, Name 5600-9950' Bone Spring		
CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT	DEPTH SET
13 3/8"	48#	208'
9 5/8"	36#	1313'
5 1/2"	17#	10069'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	SIZE
	BOTTOM	DEPTH SET
	SACKS CMT	PACKER SET
	SCREEN	None
26. Perforation record (interval, size, and number) 5600-9950'		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5600-9950' Acdz w/38766 gal 15%; Frac w/3868048# sand & 2039884 gal fluid
PRODUCTION		
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)
		Well Status (Prod or Shut-in) SIWOPL
Date of Test 9/13/11	Hours Tested 24	Choke Size 2"
Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 2111
Flow Tubing Press.	Casing Pressure 50#	Water - Bbl 484
Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF
	Water - Bbl	Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Will be sold <u>Vented</u>		30 Test Witnessed By Adam Olguin
31 List Attachments Logs, Deviation Report & Directional Surveys		
32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit.		
33 If an on-site burial was used at the well, report the exact location of the on-site burial		
Latitude		Longitude
		NAD 1927 1983
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: <u>Stormi Davis</u>	Printed Name: Stormi Davis	Title: Regulatory Analyst
E-mail Address: sdavis@concho.com		Date: 9/14/11

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. Ojo Alamo	T. Penn A"
T. Salt	206'		T. Kirtland	T. Penn. "B"
B. Salt	1197'		T. Fruitland	T. Penn. "C"
T. Yates			T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers			T. Cliff House	T. Leadville
T. Queen			T. Menefee	T. Madison
T. Grayburg			T. Point Lookout	T. Elbert
T. San Andres			T. Mancos	T. McCracken
T. Glorieta			T. Gallup	T. Ignacio Otzte
T. Paddock			Base Greenhorn	T. Granite
T. Blinebry			T. Dakota	
T. Tubb		1412'	T. Morrison	
T. Drinkard		4951'	T. Todilto	
T. Abo			T. Entrada	
T. Wolfcamp			T. Wingate	
T. Penn			T. Chinle	
T. Cisco-Canyon			T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, 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