

Submit To Appropriate District Office
 6 Copies
 District I
 1625 N. French Dr., Hobbs, NM 88201
 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

SEP 29 2016
RECEIVED

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-105
 Revised August 1, 2011

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
 MACHO GRANDE STATE

6. Well Number:
 2H

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator
 BC OPERATING, INC.

9. OGRID
 160825

10. Address of Operator
 P.O. BOX 50820
 MIDLAND, TX 79710

11. Pool name or Wildcat
 CEDAR CANYON; BONE SPRING

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	32	23S	29E		200	N	700	E	EDDY
BH:	P	32	23S	29E		330	S	330	E	EDDY

13. Date Spudded: 1/17/2015
 14. Date T.D. Reached: 2/23/2015
 15. Date Rig Released: 2/27/2015
 16. Date Completed (Ready to Produce): 8/9/20126
 17. Elevations (DF and RKB, RT, GR, etc.): 3,014' GL

18. Total Measured Depth of Well: 15,425'
 19. Plug Back Measured Depth: 15,417'
 20. Was Directional Survey Made?: YES
 21. Type Electric and Other Logs Run: CBL ONLY

22. Producing Interval(s), of this completion - Top, Bottom, Name
 11,287' - 15,150', BONE SPRING

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375"	54.5	402'	17.5"	655 SX	
9.625"	40	6,525'	12.25"	1,600 SX	
7"	26	11,401'	8.75"	1,125 SX	
4.5"	11.6	15,425'	6.125"	250 SX	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	10,995'	10,995

26. Perforation record (interval, size, and number)
 11,287' - 15,150' - 6 SPF, 0.42" HOLES, 912 SHOTS

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL: 11,287' - 15,150'
 AMOUNT AND KIND MATERIAL USED: 7,945,328 MESH; 7,945,328 PROPPANT; 1,866 ACID; 4,482 TREATED WATER; 178,133 GEL

28. PRODUCTION

Date First Production: 8/16/2016
 Production Method (Flowing, gas lift, pumping - Size and type pump): FLOWING
 Well Status (Prod. or Shut-in): PRODUCING

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9/6/2016	24	22/64"		538	6157	1090	

Flow Tubing Press.: 4500
 Casing Pressure: 0
 Calculated 24-Hour Rate: _____
 Oil - Bbl: _____ Gas - MCF: _____ Water - Bbl.: _____
 Oil Gravity - API - (Corr.): _____

29. Disposition of Gas (Sold, used for fuel, vented, etc.): SOLD
 30. Test Witnessed By: _____

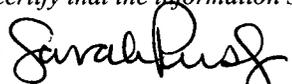
31. List Attachments: CBL LOG

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: 
 Printed Name: SARAH PRESLEY Title: REGULATORY ANALYST 9/15/2016
 E-mail Address: spresley@bcooperating.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	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2850	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. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 2900	T. Morrison	
T. Drinkard	T. Bone Springs 9450	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 9850	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....9293.....to.....9800.....
 No. 2, from.....10300.....to.....TD.....
 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
5000	6620	1620	SHALE/SAND				
6620	7550	930	LIME/SHALE				
7550	8100	550	LIME/SHALE/SAND				
8100	9140	1040	LIME/SHALE/SANDSTONE				
9140	TD	6285	LIME/SHALE				