

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 August 1, 2011

1. WELL API NO.
30-025-42230
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
ABE STATE

6. Well Number:
3H

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
WC-025 G-07 S213330F; 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	21S	33E		240'	N	360'	E	LEA
BH:	A	29	21S	33E		230	N	970	E	LEA

13. Date Spudded 10/11/2016	14. Date T.D. Reached	15. Date Rig Released 10/31/2016	16. Date Completed (Ready to Produce) 1/4/2017	17. Elevations (DF and RKB, RT, GR, etc.) 3,701'
18. Total Measured Depth of Well 16,155'		19. Plug Back Measured Depth 16,064	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 11,536' – 16,064'; BONE SPRING				

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61	1,705'	17.5	1320 SX	
9-5/8"	40	5,345'	12.25	1438 SX	
5.5"	20	16,155'	8.75	1670 SX	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	10,997'	11,087'

26. Perforation record (interval, size, and number)
SEE JOB SUMMARY

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
11,536' - 16,064' *SEE JOB SUMMARY*

PRODUCTION

28. Date First Production 1/13/2017		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING			Well Status (Prod. or Shut-in) PROD		
Date of Test 2/3/2017	Hours Tested 24	Choke Size 40/64	Prod'n For Test Period	Oil - Bbl 1325	Gas - MCF 1146	Water - Bbl. 3058	Gas - Oil Ratio
Flow Tubing Press. 650	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.)

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 
E-mail Address spresley@bcoperating.com

Printed Name SARAH PRESLEY Title REGULATORY ANALYST Date 2.16.2017

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	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	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

Stage	Plug Depth	Cluster Depth			
		1	2	3	4
1	16,064'	16,017'	15,975'	(toe sleeves)	
2	15,950'	15,932'	15,887'	15,845'	15,801'
3	15,781'	15,761'	15,718'	15,675'	15,637'
4	15,612'	15,585'	15,548'	15,515'	15,480'
5	15,443'	15,423'	15,380'	15,345'	15,300'
6	15,274'	15,250'	15,220'	15,180'	15,130'
7	15,105'	15,085'	15,042'	14,999'	14,956'
8	14,936'	14,920'	14,880'	14,845'	14,800'
9	14,767'	14,740'	14,704'	14,670'	14,626'
10	14,598'	14,578'	14,540'	14,492'	14,455'
11	14,429'	14,409'	14,366'	14,323'	14,282'
12	14,260'	14,240'	14,205'	14,169'	14,122'
13	14,091'	14,071'	14,028'	13,990'	13,950'
14	13,922'	13,902'	13,865'	13,816'	13,780'
15	13,753'	13,725'	13,690'	13,655'	13,610'
16	13,584'	13,555'	13,521'	13,478'	13,435'
17	13,415'	13,401'	13,352'	13,301'	13,266'
18	13,246'	13,226'	13,183'	13,145'	13,110'
19	13,077'	13,057'	13,014'	12,971'	12,930'
20	12,908'	12,888'	12,845'	12,802'	12,759'
21	12,739'	12,719'	12,676'	12,633'	12,595'
22	12,570'	12,550'	12,507'	12,475'	12,432'
23	12,401'	12,381'	12,345'	12,296'	12,252'
24	12,232'	12,212'	12,169'	12,126'	12,083'
25	12,063'	12,043'	12,000'	11,957'	11,914'
26	11,894'	11,874'	11,828'	11,788'	11,745'
27	11,725'	11,692'	11,653'	11,610'	11,571'
28	11,556'	11,536'	11,493'	11,450'	11,420'
29					

Proppant 9,398,221 lbs
 Acid 708 bbls
 Fluid 161,992 bbls

Tubing 2 7/8" 10,997'
 2 3/8" 90'
 Packer 11,087'

Abe State #3H
30-25-42230

Geologic Tops:

Salado- Top Salt	1,640'
Base Salt	3,470'
Yates	3,605'
Seven Rivers	3,625'
Capitan Reef	3,880'
Lamar	4,890'
Delaware Bell Canyon	5,335'
Bone Spring Lime	8,700'