

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 Oil Conservation Division Energy, Minerals and Natural Resources 1220 South St. Francis Dr. Santa Fe, NM 87505 RECEIVED MAY 19 2017		Form C-105 Revised August 1, 2011						
		1. WELL API NO. 30-015-43959		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN						
		3. State Oil & Gas Lease No.		5. Lease Name or Unit Agreement Name BLACK RIVER 15-10 STATE COM X						
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)		6. Well Number: 4H								
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 PURPLE SAGE; WOLFCAMP GAS							
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	15	24S	27E		170'	S	360'	E	EDDY
BH:	A	10	24S	27E		1,155'	N	380'	E	EDDY
13. Date Spudded 1/27/2017	14. Date T.D. Reached 2/19/2017	15. Date Rig Released 2/26/2017		16. Date Completed (Ready to Produce) 4/17/2017		17. Elevations (DF and RKB, RT, GR, etc.) 3,230'				
18. Total Measured Depth of Well 18,250'		19. Plug Back Measured Depth 18,188'		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run Resistivity, Gamma and MWD				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,592' - 18,118', WOLFCAMP										
23. 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		440'		17.5		370 SX		
9-5/8"		40		2,356'		12.25		740 SX		
7"		26		9,470'		8.75		960 SX		
4.5"		13.5		18,250'		6.125		600 SX		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
26. Perforation record (interval, size, and number) *SEE JOB SUMMARY*						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
9,592' - 18,118'						22,664,516 LBS OF PROPPANT				
						1,417 BBLs OF ACID				
						473,239 BBLs OF FLUID				
28. PRODUCTION										
Date First Production 4/17/2017		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD				
Date of Test 5/1/2017	Hours Tested 24	Choke Size 42/64"	Prod'n For Test Period	Oil - Bbl 978	Gas - MCF 2365	Water - Bbl. 5032	Gas - Oil Ratio			
Flow Tubing Press. 1400	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 47.6				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By				
31. List Attachments LOGS										
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		Date 5.15.2017			
E-mail Address SPRESLEY@BCOPERATING.COM										

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 110'	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 250'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1,800'	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 2,100'	T. Morrison	
T. Drinkard	T. Bone Springs 6,575'	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 8,950'	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	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

Stage	Plug	Cluster Depth			
	Depth	1	2	3	4
1	18,118'	18,070'	(toe sleeve)		
2	18,050'	18,032'	17,991'	17,945'	17,913'
3	17,893'	17,878'	17,845'	17,800'	17,767'
4	17,736'	17,712'	17,677'	17,638'	17,599'
5	17,579'	17,559'	17,516'	17,475'	17,442'
6	17,422'	17,390'	17,360'	17,324'	17,285'
7	17,265'	17,245'	17,215'	17,180'	17,135'
8	17,108'	17,088'	17,060'	16,978'	16,950'
9	16,930'	16,905'	16,871'	16,830'	16,800'
10	16,783'	16,765'	16,725'	16,695'	16,667'
11	16,637'	16,617'	16,588'	16,539'	16,510'
12	16,490'	16,465'	16,410'	16,375'	16,350'
13	16,323'	16,294'	16,264'	16,220'	16,186'
14	16,166'	16,146'	16,107'	16,075'	16,029'
15	16,009'	15,989'	15,955'	15,920'	15,880'
16	15,852'	15,825'	15,793'	15,745'	15,715'
17	15,695'	15,675'	15,636'	15,597'	15,558'
18	15,538'	15,518'	15,485'	15,440'	15,405'
19	15,381'	15,361'	15,322'	15,275'	15,244'
20	15,224'	15,204'	15,175'	15,126'	15,087'
21	15,067'	15,047'	15,015'	14,969'	14,935'
22	14,910'	14,890'	14,842'	14,812'	14,773'
23	14,753'	14,733'	14,694'	14,655'	14,616'
24	14,596'	14,576'	14,537'	14,498'	14,459'
25	14,439'	14,415'	14,385'	14,341'	14,302'
26	14,282'	14,262'	14,232'	14,202'	14,165'
27	14,125'	14,105'	14,070'	14,042'	14,005'
28	13,968'	13,930'	13,900'	13,870'	13,840'
29	13,811'	13,795'	13,745'	13,713'	13,683'
30	13,654'	13,630'	13,600'	13,556'	13,517'
31	13,497'	13,477'	13,438'	13,399'	13,360'
32	13,340'	13,320'	13,290'	13,248'	13,203'
33	13,183'	13,150'	13,120'	13,085'	13,046'
34	13,026'	13,002'	12,971'	12,930'	12,885'
35	12,869'	12,849'	12,818'	12,780'	12,740'
36	12,712'	12,692'	12,653'	12,605'	12,575'
37	12,555'	12,535'	12,496'	12,457'	12,418'
38	12,398'	12,368'	12,335'	12,290'	12,257'
39	12,241'	12,221'	12,182'	12,143'	12,104'

Black River 15-10 State Com #4H**Job Summary**

	Plug	Cluster Depth			
Stage	Depth	1	2	3	4
40	12,084'	12,064'	12,015'	11,986'	11,950'
41	11,927'	11,905'	11,868'	11,829'	11,786'
42	11,770'	11,750'	11,711'	11,672'	11,633'
43	11,613'	11,566'	11,536'	11,506'	11,476'
44	11,456'	11,436'	11,400'	11,360'	11,319'
45	11,299'	11,279'	11,235'	11,201'	11,170'
46	11,142'	11,100'	11,070'	11,040'	11,010'
47	10,985'	10,960'	10,926'	10,887'	10,848'
48	10,828'	10,800'	10,770'	10,740'	10,710'
49	10,671'	10,651'	10,620'	10,573'	10,534'
50	10,514'	10,494'	10,455'	10,416'	10,377'
51	10,357'	10,328'	10,280'	10,250'	10,220'
52	10,200'	10,180'	10,135'	10,100'	10,070'
53	10,043'	10,023'	9,984'	9,950'	9,906'
54	9,886'	9,855'	9,818'	9,788'	9,749'
55	9,729'	9,705'	9,665'	9,631'	9,592'

Proppant	22,664,516 lbs	
Acid	1,417 bbls	
Fluid	473,239 bbls	
Tubing	2 7/8"	8,372'
	2 3/8"	65'
Packer	8,450'	