

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

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

Submit one copy to appropriate District Office

NMLC063798

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BC OPERATING, INC. PO BOX 50820 MIDLAND, TEXAS 79710		² OGRID Number 160825
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-4651700X01	⁵ Pool Name WC-025 G-09 S243310P UPPER WOLFCAMP	⁶ Pool Code 98135
⁷ Property Code 326424	⁸ Property Name BROADSIDE 13 FED COM W	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	12	24S	33E		350'	SOUTH	2330'	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	13	24S	33E		103'	SOUTH	2339'	WEST	LEA

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	F	9/3/2020			

III. Oil and Gas Transporters

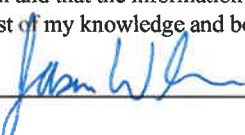
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	LUCID ENERGY DELAWARE, LLC 3100 MCKINNON ST., #800 DALLAS, TEXAS 75201	G
329691	UNITED ENERGY TRADING, LLC 919 S 7 TH ST. SUITE 405 BISMARCK, ND 58502	O

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
12/6/2019	9/3/2020	12213'/17426'	17397'	12296'-17378'	N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8", 54.5#, J-55, STC	1408'	1250 SX, CIRC TO SURFACE		
12-1/4"	10-3/4", 45.5#, J-55, BTC-SC	5236'	1080 SX, CIRC TO SURFACE		
9-7/8"	7-5/8", 29.7#, HCP-110	12343'	1935 SX		
6-3/4"	5-1/2", 20.0#, HCP-110	17426'	620 SX		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
9/3/2020	9/3/2020	60 DAY TEST ALLOWABLE REQUESTED	24		3900
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
27/64	2184	2472	4587	FLOWING	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: JASON WACKER Title: VP OF ENGINEERING & OPERATIONS E-mail Address: jwacker@bcoperating.com Date: 9/8/2020 Phone: 432-684-9696	OIL CONSERVATION DIVISION	
	Approved by:	Patricia Martinez
	Title:	LM II
	Approval Date:	2/4/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

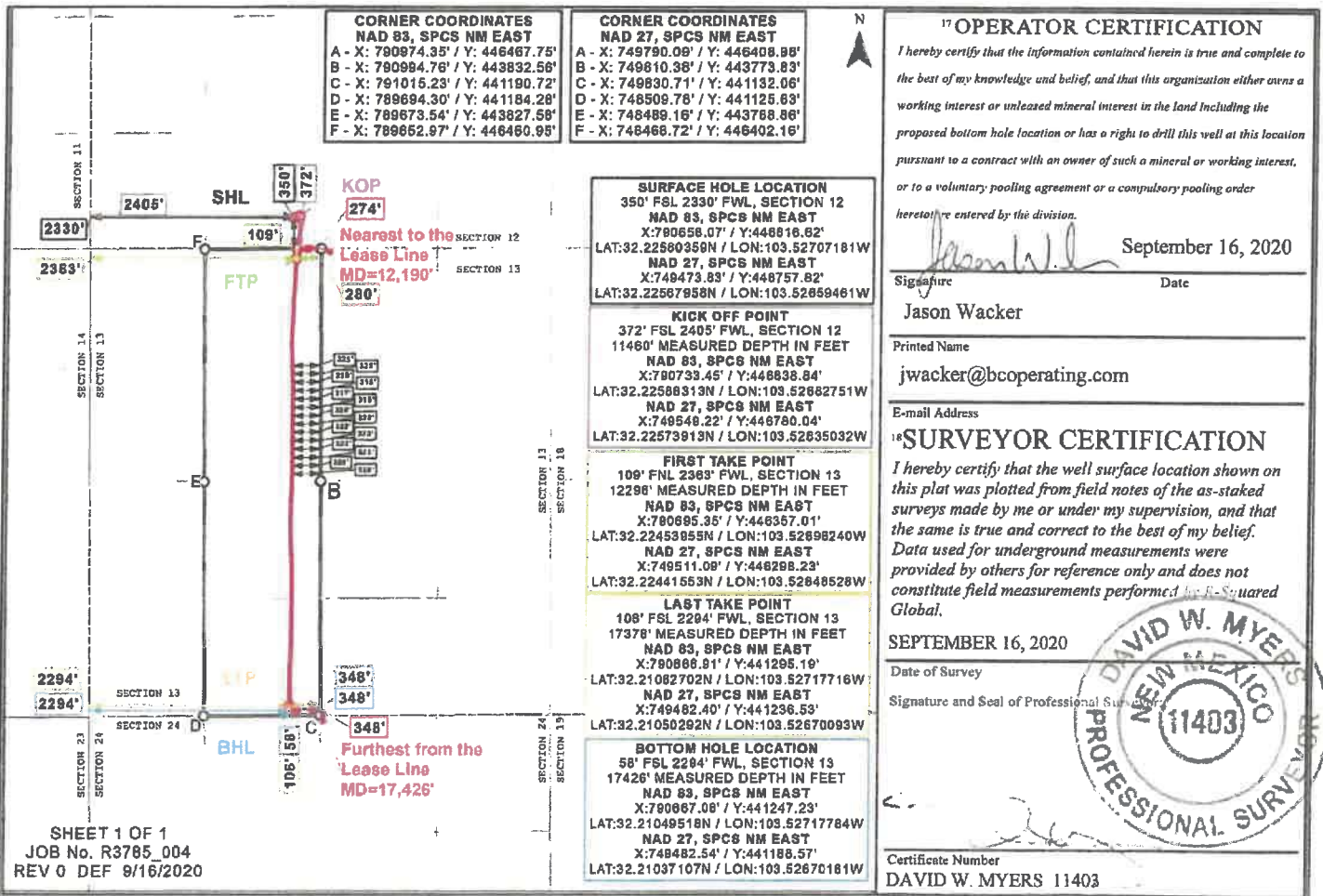
¹ API Number 30-025-46517	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP
⁴ Property Code 326424	Property Name BROADSIDE 13 W FED COM	
⁷ OGRID No. 160825	⁸ Operator Name B.C. OPERATING, INC.	⁶ Well Number 1H
		⁹ Elevation 3595'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	24S	33E		350	SOUTH	2330	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	13	24S	33E		58	SOUTH	2294	WEST	LEA

¹² Dedicated Acres 160.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.99981187 Convergence Angle: 00°26'05.64126"



ALTITUDE ENERGY PARTNERS LLC. SURVEY DATA CERTIFICATION

ALTITUDE JOB NUMBER		AEP19271		OPERATOR	BC Operating	
WELL NAME	Broadside 13 Fed Com W 1 H			COUNTY & STATE	Lea County, NM	
API WELL NUMBER	30-025-46517			PROPOSED DIRECTION	179.74	
Latitude	32.225804		Longitude	-103.527072		

TIE-IN DATA						
MEASURED DEPTH	VERTICAL DEPTH	INCLIN	AZIMUTH	N-S COORD	E-W COORD	DATA SOURCE
0	0	0	0	0	0	Surface
FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH	SURVEY INSTRUMENT TYPE		
12/7/19	170	.35	94.94	MWD		
LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH	TOTAL CORRECTION USED		6.17
1/11/20	17381	88.00	179.84	DECLINATION OR GRID		Grid
PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH			
1/11/20	17426	88.00	179.84			

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Altitude Energy Partners LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.

Luis Suarez

PRINT MWD NAME ABOVE

Luis Suarez

SIGN MWD NAME ABOVE

1/11/20

TODAY'S DATE



BC Operating, Inc

**Lea County, NM (nad 83)
Broadside 13 Fed Com W 1H
1H**

OH

Design: OH

Standard Survey Report

28 January, 2020





Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Lea County, NM (nad 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Broadside 13 Fed Com W 1H				
Site Position:		Northing:	446,816.62 usft	Latitude:	32.225804
From:	Lat/Long	Easting:	790,658.07 usft	Longitude:	-103.527072
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.43 °

Well	1H					
Well Position	+N/-S	0.00 usft	Northing:	446,816.62 usft	Latitude:	32.225804
	+E/-W	0.00 usft	Easting:	790,658.07 usft	Longitude:	-103.527072
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,595.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/3/2019	6.60	59.87	47,852.90000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	12,101.00	0.00	0.00	179.74	

Survey Program	Date	1/28/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
170.00	17,426.00	AEP MWD Survey (OH)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	0.35	94.94	170.00	-0.04	0.52	0.05	0.21	0.21	0.00	
233.00	0.09	66.11	233.00	-0.04	0.75	0.04	0.44	-0.41	-45.76	
329.00	0.26	84.30	329.00	0.01	1.04	-0.01	0.18	0.18	18.95	
422.00	0.40	65.85	422.00	0.16	1.55	-0.16	0.19	0.15	-19.84	
515.00	0.57	66.55	514.99	0.48	2.27	-0.47	0.18	0.18	0.75	
606.00	0.66	70.77	605.99	0.83	3.18	-0.82	0.11	0.10	4.64	
698.00	0.66	79.21	697.98	1.11	4.20	-1.09	0.11	0.00	9.17	
789.00	0.48	58.82	788.98	1.40	5.04	-1.38	0.30	-0.20	-22.41	
884.00	0.62	61.63	883.97	1.85	5.83	-1.83	0.15	0.15	2.96	



Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
977.00	0.35	73.05	976.97	2.18	6.55	-2.15	0.31	-0.29	12.28	
1,070.00	0.53	58.99	1,069.97	2.48	7.19	-2.45	0.22	0.19	-15.12	
1,163.00	0.57	49.76	1,162.96	3.00	7.91	-2.97	0.10	0.04	-9.92	
1,257.00	0.53	36.93	1,256.96	3.65	8.53	-3.61	0.14	-0.04	-13.65	
1,334.00	0.75	32.98	1,333.95	4.36	9.01	-4.32	0.29	0.29	-5.13	
1,441.00	0.31	36.05	1,440.95	5.18	9.57	-5.14	0.41	-0.41	2.87	
1,534.00	0.44	26.38	1,533.95	5.70	9.87	-5.66	0.15	0.14	-10.40	
1,627.00	0.44	34.73	1,626.94	6.32	10.23	-6.27	0.07	0.00	8.98	
1,720.00	0.31	354.22	1,719.94	6.86	10.41	-6.81	0.31	-0.14	-43.56	
1,813.00	0.48	348.86	1,812.94	7.49	10.31	-7.45	0.19	0.18	-5.76	
1,907.00	0.40	321.79	1,906.94	8.14	10.03	-8.09	0.23	-0.09	-28.80	
2,000.00	0.62	336.81	1,999.93	8.85	9.63	-8.81	0.27	0.24	16.15	
2,093.00	0.13	323.37	2,092.93	9.40	9.37	-9.36	0.53	-0.53	-14.45	
2,186.00	0.09	312.12	2,185.93	9.53	9.26	-9.49	0.05	-0.04	-12.10	
2,279.00	0.26	2.83	2,278.93	9.79	9.21	-9.75	0.23	0.18	54.53	
2,372.00	0.18	319.76	2,371.93	10.12	9.13	-10.08	0.19	-0.09	-46.31	
2,465.00	0.04	252.09	2,464.93	10.22	9.00	-10.18	0.18	-0.15	-72.76	
2,558.00	0.35	315.11	2,557.93	10.41	8.77	-10.37	0.36	0.33	67.76	
2,652.00	0.35	315.37	2,651.93	10.82	8.37	-10.78	0.00	0.00	0.28	
2,747.00	0.13	250.95	2,746.93	10.99	8.06	-10.95	0.33	-0.23	-67.81	
2,841.00	0.31	318.97	2,840.93	11.15	7.79	-11.11	0.31	0.19	72.36	
2,936.00	0.00	355.89	2,935.93	11.34	7.63	-11.31	0.33	-0.33	0.00	
3,029.00	0.26	327.50	3,028.93	11.52	7.51	-11.48	0.28	0.28	0.00	
3,122.00	0.13	200.41	3,121.92	11.60	7.36	-11.56	0.38	-0.14	-136.66	
3,217.00	0.04	119.11	3,216.92	11.48	7.35	-11.45	0.14	-0.09	-85.58	
3,311.00	0.04	116.38	3,310.92	11.45	7.41	-11.42	0.00	0.00	-2.90	
3,404.00	0.09	164.90	3,403.92	11.36	7.46	-11.33	0.08	0.05	52.17	
3,497.00	0.31	243.21	3,496.92	11.18	7.25	-11.15	0.33	0.24	84.20	
3,590.00	0.22	344.90	3,589.92	11.24	6.98	-11.21	0.45	-0.10	109.34	
3,683.00	0.18	233.02	3,682.92	11.32	6.82	-11.29	0.36	-0.04	-120.30	
3,777.00	0.13	90.54	3,776.92	11.23	6.81	-11.20	0.31	-0.05	-151.57	
3,871.00	0.13	108.04	3,870.92	11.20	7.02	-11.17	0.04	0.00	18.62	
3,963.00	0.31	8.02	3,962.92	11.41	7.15	-11.38	0.39	0.20	-108.72	
4,057.00	0.35	35.35	4,056.92	11.90	7.35	-11.87	0.17	0.04	29.07	
4,150.00	0.31	119.37	4,149.92	12.01	7.74	-11.97	0.48	-0.04	90.34	
4,243.00	0.31	109.18	4,242.92	11.80	8.19	-11.76	0.06	0.00	-10.96	
4,336.00	0.26	132.56	4,335.92	11.58	8.59	-11.54	0.13	-0.05	25.14	
4,428.00	0.31	115.07	4,427.92	11.33	8.96	-11.29	0.11	0.05	-19.01	
4,521.00	1.23	97.58	4,520.91	11.09	10.18	-11.05	1.01	0.99	-18.81	
4,615.00	1.58	107.24	4,614.88	10.57	12.42	-10.52	0.45	0.37	10.28	
4,708.00	1.71	121.04	4,707.84	9.48	14.83	-9.41	0.45	0.14	14.84	
4,801.00	2.29	126.32	4,800.78	7.66	17.52	-7.58	0.65	0.62	5.68	
4,895.00	3.16	139.85	4,894.68	4.57	20.70	-4.48	1.14	0.93	14.39	
4,989.00	3.08	155.85	4,988.54	0.29	23.41	-0.18	0.93	-0.09	17.02	



Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,084.00	2.02	186.43	5,083.45	-3.71	24.26	3.82	1.78	-1.12	32.19	
5,172.00	1.27	215.70	5,171.41	-6.04	23.52	6.15	1.25	-0.85	33.26	
5,268.00	1.01	239.08	5,267.39	-7.34	22.17	7.44	0.55	-0.27	24.35	
5,362.00	0.92	236.53	5,361.38	-8.18	20.83	8.27	0.11	-0.10	-2.71	
5,456.00	0.92	238.03	5,455.37	-9.00	19.56	9.08	0.03	0.00	1.60	
5,550.00	1.05	237.94	5,549.36	-9.85	18.19	9.94	0.14	0.14	-0.10	
5,645.00	0.22	52.58	5,644.35	-10.21	17.60	10.28	1.34	-0.87	183.83	
5,740.00	0.26	57.32	5,739.35	-9.98	17.93	10.06	0.05	0.04	4.99	
5,835.00	0.18	64.00	5,834.35	-9.80	18.24	9.88	0.09	-0.08	7.03	
5,931.00	0.31	60.13	5,930.35	-9.60	18.60	9.68	0.14	0.14	-4.03	
6,025.00	0.44	341.82	6,024.35	-9.13	18.71	9.21	0.52	0.14	-83.31	
6,120.00	0.62	324.77	6,119.34	-8.36	18.30	8.45	0.25	0.19	-17.95	
6,215.00	0.70	328.20	6,214.34	-7.45	17.70	7.53	0.09	0.08	3.61	
6,309.00	0.75	324.16	6,308.33	-6.46	17.04	6.54	0.08	0.05	-4.30	
6,404.00	0.62	326.27	6,403.32	-5.53	16.39	5.61	0.14	-0.14	2.22	
6,499.00	0.66	334.18	6,498.32	-4.61	15.86	4.68	0.10	0.04	8.33	
6,595.00	0.70	327.41	6,594.31	-3.62	15.31	3.69	0.09	0.04	-7.05	
6,689.00	0.62	325.74	6,688.30	-2.72	14.71	2.78	0.09	-0.09	-1.78	
6,784.00	0.53	342.44	6,783.30	-1.87	14.29	1.94	0.20	-0.09	17.58	
6,879.00	0.53	344.81	6,878.29	-1.03	14.04	1.09	0.02	0.00	2.49	
6,974.00	0.44	358.96	6,973.29	-0.24	13.92	0.30	0.16	-0.09	14.89	
7,069.00	0.57	6.70	7,068.29	0.59	13.97	-0.53	0.15	0.14	8.15	
7,164.00	0.40	0.02	7,163.28	1.39	14.02	-1.33	0.19	-0.18	-7.03	
7,258.00	0.66	353.95	7,257.28	2.26	13.97	-2.20	0.28	0.28	-6.46	
7,352.00	0.62	345.52	7,351.27	3.29	13.78	-3.23	0.11	-0.04	-8.97	
7,447.00	0.53	340.42	7,446.27	4.20	13.51	-4.14	0.11	-0.09	-5.37	
7,542.00	0.44	354.39	7,541.27	4.98	13.32	-4.92	0.16	-0.09	14.71	
7,636.00	0.44	10.74	7,635.26	5.69	13.36	-5.63	0.13	0.00	17.39	
7,731.00	0.44	14.34	7,730.26	6.40	13.51	-6.34	0.03	0.00	3.79	
7,825.00	0.53	18.47	7,824.26	7.17	13.74	-7.10	0.10	0.10	4.39	
7,919.00	0.62	12.32	7,918.25	8.08	13.99	-8.01	0.12	0.10	-6.54	
8,014.00	0.57	19.44	8,013.25	9.02	14.25	-8.96	0.09	-0.05	7.49	
8,109.00	0.48	34.82	8,108.24	9.80	14.64	-9.73	0.18	-0.09	16.19	
8,202.00	0.48	40.80	8,201.24	10.41	15.12	-10.34	0.05	0.00	6.43	
8,296.00	0.48	34.65	8,295.24	11.03	15.60	-10.96	0.05	0.00	-6.54	
8,392.00	0.53	38.87	8,391.23	11.71	16.10	-11.64	0.06	0.05	4.40	
8,487.00	0.66	38.25	8,486.23	12.48	16.72	-12.41	0.14	0.14	-0.65	
8,582.00	0.48	48.27	8,581.22	13.18	17.35	-13.10	0.22	-0.19	10.55	
8,677.00	0.62	54.16	8,676.22	13.74	18.07	-13.66	0.16	0.15	6.20	
8,772.00	0.70	53.54	8,771.21	14.39	18.95	-14.30	0.08	0.08	-0.65	
8,866.00	0.84	44.23	8,865.20	15.22	19.89	-15.13	0.20	0.15	-9.90	
8,961.00	0.92	46.07	8,960.19	16.25	20.93	-16.16	0.09	0.08	1.94	
9,055.00	0.26	238.38	9,054.19	16.66	21.29	-16.57	1.25	-0.70	-178.39	



Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,150.00	0.44	217.99	9,149.19	16.26	20.88	-16.17	0.23	0.19	-21.46	
9,244.00	0.13	187.75	9,243.19	15.87	20.65	-15.78	0.36	-0.33	-32.17	
9,339.00	0.31	104.78	9,338.19	15.70	20.88	-15.61	0.34	0.19	-87.34	
9,434.00	0.57	164.90	9,433.18	15.18	21.25	-15.08	0.52	0.27	63.28	
9,528.00	0.84	162.88	9,527.18	14.07	21.58	-13.97	0.29	0.29	-2.15	
9,623.00	1.01	179.67	9,622.16	12.56	21.79	-12.47	0.33	0.18	17.67	
9,717.00	1.27	177.47	9,716.15	10.70	21.84	-10.60	0.28	0.28	-2.34	
9,799.00	1.41	181.95	9,798.12	8.78	21.84	-8.68	0.21	0.17	5.46	
9,905.00	1.23	159.71	9,904.10	6.41	22.19	-6.31	0.51	-0.17	-20.98	
10,000.00	1.10	133.00	9,999.08	4.83	23.21	-4.73	0.58	-0.14	-28.12	
10,094.00	0.70	114.45	10,093.06	3.98	24.40	-3.87	0.52	-0.43	-19.73	
10,188.00	0.92	98.10	10,187.06	3.63	25.67	-3.52	0.34	0.23	-17.39	
10,283.00	0.84	90.63	10,282.04	3.52	27.12	-3.40	0.15	-0.08	-7.86	
10,377.00	1.45	74.72	10,376.03	3.82	28.95	-3.69	0.73	0.65	-16.93	
10,471.00	2.02	59.87	10,469.98	4.97	31.53	-4.83	0.77	0.61	-15.80	
10,566.00	1.85	49.32	10,564.93	6.81	34.14	-6.66	0.41	-0.18	-11.11	
10,660.00	2.90	60.75	10,658.85	8.96	37.37	-8.79	1.22	1.12	12.16	
10,754.00	2.33	69.54	10,752.75	10.79	41.23	-10.60	0.74	-0.61	9.35	
10,849.00	2.95	69.19	10,847.65	12.33	45.33	-12.13	0.65	0.65	-0.37	
10,944.00	2.86	69.80	10,942.53	14.02	49.84	-13.80	0.10	-0.09	0.64	
11,037.00	2.59	70.33	11,035.42	15.53	53.99	-15.29	0.29	-0.29	0.57	
11,130.00	2.77	68.04	11,128.32	17.08	58.06	-16.82	0.23	0.19	-2.46	
11,223.00	3.43	69.54	11,221.18	18.89	62.75	-18.61	0.71	0.71	1.61	
11,316.00	2.95	75.34	11,314.04	20.47	67.67	-20.16	0.62	-0.52	6.24	
11,409.00	3.25	77.27	11,406.90	21.65	72.56	-21.33	0.34	0.32	2.08	
11,430.00	3.16	77.71	11,427.87	21.91	73.70	-21.58	0.44	-0.43	2.10	
11,476.00	3.38	80.53	11,473.79	22.40	76.28	-22.06	0.59	0.48	6.13	
11,569.00	9.76	153.65	11,566.25	15.77	82.50	-15.40	10.05	6.86	78.62	
11,600.00	12.62	159.98	11,596.65	10.24	84.82	-9.86	10.03	9.23	20.42	
11,631.00	16.09	161.30	11,626.68	2.98	87.36	-2.59	11.24	11.19	4.26	
11,662.00	19.38	164.29	11,656.20	-6.04	90.13	6.44	11.01	10.61	9.65	
11,693.00	23.60	168.06	11,685.04	-17.07	92.81	17.48	14.32	13.61	12.16	
11,724.00	27.16	172.63	11,713.05	-30.16	95.00	30.59	13.10	11.48	14.74	
11,755.00	29.49	178.17	11,740.34	-44.81	96.15	45.24	11.32	7.52	17.87	
11,786.00	32.57	183.80	11,766.91	-60.77	95.84	61.20	13.64	9.94	18.16	
11,817.00	35.60	188.98	11,792.59	-78.01	93.88	78.43	13.53	9.77	16.71	
11,848.00	38.42	189.60	11,817.34	-96.43	90.86	96.83	9.18	9.10	2.00	
11,879.00	41.32	189.51	11,841.13	-116.02	87.57	116.41	9.36	9.35	-0.29	
11,911.00	44.31	191.09	11,864.60	-137.41	83.67	137.79	9.93	9.34	4.94	
11,942.00	46.86	192.94	11,886.29	-159.07	79.05	159.42	9.26	8.23	5.97	
11,973.00	49.27	193.20	11,907.01	-181.53	73.84	181.86	7.80	7.77	0.84	
12,004.00	52.48	192.85	11,926.57	-204.96	68.42	205.26	10.39	10.35	-1.13	
12,035.00	55.21	192.41	11,944.86	-229.38	62.95	229.66	8.88	8.81	-1.42	



Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,066.00	57.23	191.36	11,962.09	-254.59	57.65	254.85	7.10	6.52	-3.39
12,097.00	59.16	189.51	11,978.43	-280.50	52.88	280.73	8.03	6.23	-5.97
12,128.00	60.92	187.58	11,993.91	-307.06	48.89	307.27	7.83	5.68	-6.23
12,159.00	62.99	186.17	12,008.49	-334.22	45.62	334.42	7.79	6.68	-4.55
12,190.00	65.01	184.68	12,022.08	-361.95	42.99	362.14	7.82	6.52	-4.81
12,221.00	66.81	183.45	12,034.73	-390.18	40.99	390.36	6.84	5.81	-3.97
12,252.00	68.18	183.01	12,046.59	-418.77	39.37	418.95	4.61	4.42	-1.42
12,283.00	68.40	182.92	12,058.06	-447.54	37.88	447.70	0.76	0.71	-0.29
12,285.75	68.38	182.92	12,059.07	-450.09	37.75	450.25	0.56	-0.56	0.00
100' Inside North Lease Line									
12,292.00	68.35	182.92	12,061.38	-455.89	37.46	456.05	0.56	-0.56	0.00
12,366.00	68.13	182.48	12,088.81	-524.54	34.22	524.69	0.63	-0.30	-0.59
12,398.00	69.01	183.36	12,100.50	-554.29	32.70	554.43	3.76	2.75	2.75
12,429.00	68.97	183.01	12,111.62	-583.18	31.09	583.32	1.06	-0.13	-1.13
12,460.00	70.33	183.18	12,122.40	-612.21	29.53	612.33	4.42	4.39	0.55
12,491.00	72.44	184.24	12,132.29	-641.52	27.62	641.64	7.54	6.81	3.42
12,538.00	76.09	184.85	12,145.04	-686.61	24.04	686.71	7.87	7.77	1.30
12,586.00	81.54	184.50	12,154.34	-733.52	20.20	733.61	11.38	11.35	-0.73
12,635.00	86.11	184.50	12,159.61	-782.08	16.38	782.14	9.33	9.33	0.00
12,681.00	87.43	184.06	12,162.21	-827.87	12.95	827.92	3.02	2.87	-0.96
12,727.00	88.22	182.92	12,163.95	-873.75	10.15	873.79	3.01	1.72	-2.48
12,775.00	90.73	182.13	12,164.39	-921.70	8.04	921.73	5.48	5.23	-1.65
12,820.00	91.60	180.98	12,163.48	-966.67	6.82	966.70	3.20	1.93	-2.56
12,869.00	92.00	181.16	12,161.94	-1,015.64	5.90	1,015.66	0.90	0.82	0.37
12,963.00	91.43	181.16	12,159.12	-1,109.58	4.00	1,109.59	0.61	-0.61	0.00
13,057.00	89.45	183.09	12,158.40	-1,203.50	0.52	1,203.49	2.94	-2.11	2.05
13,152.00	88.40	183.45	12,160.18	-1,298.33	-4.90	1,298.30	1.17	-1.11	0.38
13,247.00	91.03	180.81	12,160.66	-1,393.25	-8.43	1,393.20	3.92	2.77	-2.78
13,341.00	87.65	179.05	12,161.74	-1,487.22	-8.32	1,487.17	4.05	-3.60	-1.87
13,435.00	86.90	175.89	12,166.21	-1,581.01	-4.17	1,580.98	3.45	-0.80	-3.36
13,530.00	87.47	177.38	12,170.88	-1,675.73	1.40	1,675.72	1.68	0.60	1.57
13,624.00	88.97	177.64	12,173.79	-1,769.59	5.48	1,769.60	1.62	1.60	0.28
13,718.00	93.10	178.35	12,172.10	-1,863.50	8.77	1,863.52	4.46	4.39	0.76
13,813.00	93.14	178.96	12,166.93	-1,958.33	10.99	1,958.36	0.64	0.04	0.64
13,907.00	90.64	179.40	12,163.83	-2,052.27	12.34	2,052.30	2.70	-2.66	0.47
14,002.00	88.53	181.34	12,164.51	-2,147.25	11.72	2,147.28	3.02	-2.22	2.04
14,095.00	86.68	180.19	12,168.40	-2,240.16	10.48	2,240.18	2.34	-1.99	-1.24
14,189.00	88.88	180.28	12,172.04	-2,334.08	10.10	2,334.10	2.34	2.34	0.10
14,284.00	89.76	179.93	12,173.17	-2,429.07	9.92	2,429.09	1.00	0.93	-0.37
14,378.00	90.77	179.49	12,172.73	-2,523.07	10.40	2,523.09	1.17	1.07	-0.47
14,473.00	90.81	179.05	12,171.42	-2,618.05	11.61	2,618.08	0.47	0.04	-0.46
14,568.00	89.80	180.72	12,170.92	-2,713.04	11.80	2,713.07	2.05	-1.06	1.76
14,662.00	87.30	181.34	12,173.30	-2,806.99	10.11	2,807.01	2.74	-2.66	0.66
14,757.00	86.64	180.63	12,178.32	-2,901.84	8.48	2,901.85	1.02	-0.69	-0.75



Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
14,850.00	88.04	180.98	12,182.64	-2,994.73	7.17	2,994.73	1.55	1.51	0.38	
14,944.00	89.71	181.95	12,184.48	-3,088.68	4.77	3,088.67	2.05	1.78	1.03	
15,038.00	90.51	182.39	12,184.30	-3,182.61	1.21	3,182.58	0.97	0.85	0.47	
15,132.00	90.99	182.57	12,183.07	-3,276.51	-2.85	3,276.47	0.55	0.51	0.19	
15,226.00	88.53	180.02	12,183.46	-3,370.47	-4.98	3,370.42	3.77	-2.62	-2.71	
15,320.00	89.19	179.49	12,185.33	-3,464.45	-4.58	3,464.40	0.90	0.70	-0.56	
15,413.00	88.53	179.31	12,187.18	-3,557.43	-3.60	3,557.38	0.74	-0.71	-0.19	
15,507.00	88.88	177.12	12,189.31	-3,651.35	-0.68	3,651.31	2.36	0.37	-2.33	
15,601.00	89.89	176.33	12,190.32	-3,745.19	4.69	3,745.18	1.36	1.07	-0.84	
15,675.00	88.18	177.82	12,191.56	-3,819.08	8.47	3,819.08	3.06	-2.31	2.01	
15,770.00	89.49	178.61	12,193.50	-3,914.01	11.43	3,914.02	1.61	1.38	0.83	
15,864.00	90.68	179.14	12,193.36	-4,007.99	13.27	4,008.01	1.39	1.27	0.56	
15,958.00	91.12	178.88	12,191.88	-4,101.97	14.90	4,101.99	0.54	0.47	-0.28	
16,052.00	89.76	179.40	12,191.16	-4,195.95	16.31	4,195.98	1.55	-1.45	0.55	
16,146.00	90.55	179.84	12,190.90	-4,289.95	16.93	4,289.98	0.96	0.84	0.47	
16,240.00	90.42	180.28	12,190.11	-4,383.94	16.83	4,383.97	0.49	-0.14	0.47	
16,334.00	89.41	179.23	12,190.25	-4,477.94	17.23	4,477.97	1.55	-1.07	-1.12	
16,427.00	88.09	178.96	12,192.28	-4,570.90	18.70	4,570.94	1.45	-1.42	-0.29	
16,522.00	90.29	181.25	12,193.62	-4,665.88	18.53	4,665.92	3.34	2.32	2.41	
16,616.00	89.80	181.42	12,193.55	-4,759.86	16.34	4,759.88	0.55	-0.52	0.18	
16,711.00	89.45	181.69	12,194.17	-4,854.82	13.76	4,854.83	0.47	-0.37	0.28	
16,806.00	90.81	182.04	12,193.95	-4,949.77	10.67	4,949.76	1.48	1.43	0.37	
16,899.00	87.82	180.37	12,195.06	-5,042.72	8.71	5,042.71	3.68	-3.22	-1.80	
16,994.00	87.78	180.19	12,198.71	-5,137.65	8.25	5,137.64	0.19	-0.04	-0.19	
17,087.00	88.09	179.93	12,202.06	-5,230.59	8.15	5,230.58	0.43	0.33	-0.28	
17,180.00	88.79	179.93	12,204.59	-5,323.56	8.27	5,323.54	0.75	0.75	0.00	
17,275.00	87.78	180.02	12,207.44	-5,418.51	8.31	5,418.50	1.07	-1.06	0.09	
17,369.00	87.47	179.40	12,211.33	-5,512.43	8.78	5,512.42	0.74	-0.33	-0.66	
17,381.00	88.00	179.84	12,211.81	-5,524.42	8.86	5,524.41	5.74	4.42	3.67	
Last Survey @17381'										
17,384.25	88.00	179.84	12,211.92	-5,527.67	8.87	5,527.65	0.00	0.00	0.00	
100' Inside South Lease Line										
17,426.00	88.00	179.84	12,213.38	-5,569.39	8.99	5,569.38	0.00	0.00	0.00	
PTB										



Survey Report



Company:	BC Operating, Inc	Local Co-ordinate Reference:	Well 1H
Project:	Lea County, NM (nad 83)	TVD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Site:	Broadside 13 Fed Com W 1H	MD Reference:	KB=28' @ 3623.00usft (McCvay 2)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
100' Inside North Lease - actual wellpath hits target center - Point	0.00	0.00	12,059.07	-450.09	37.75	446,366.53	790,695.82	32.224566	-103.526961
100' Inside South Lease - actual wellpath hits target center - Point	0.00	0.00	12,211.92	-5,527.67	8.87	441,288.95	790,666.94	32.210610	-103.527177

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
12,343.00	12,080.26	7 5/8	7-5/8	9-7/8	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
12,285.75	12,059.07	-450.09	37.75	100' Inside North Lease Line	
17,381.00	12,211.81	-5,524.42	8.86	Last Survey @17381'	
17,384.25	12,211.92	-5,527.67	8.87	100' Inside South Lease Line	
17,426.00	12,213.38	-5,569.39	8.99	PTB	

Checked By: _____ Approved By: _____ Date: _____

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
Quaternary Alluvium	Surface	1,260'			Surface
Rustler	1,260'	3,750'			1,260'
Castille	3,750'	5,200'			3,750'
Delaware	5,200'	5,240'		Lamar Lime	5,200'
Delaware	5,240'	6,200'		Bell Canyon Sand	5,240'
Delaware	6,200'	7,540'		Cherry Canyon Sand	6,200'
Delaware	7,540'	9,000'		Brushy Canyon Sand	7,540'
Bone Spring	9,000'	9,900'		Bone Spring Lime	9,000'
Bone Spring	9,900'	10,280'		FBSG Sand	9,900'
Bone Spring	10,280'	10,500'		2nd BS Carbonate	10,280'
Bone Spring	10,500'	11,100'		SBSG Sand	10,500'
Bone Spring	11,100'	11,500'		3rd BS Carbonate	11,100'
Bone Spring	11,500'	11,850'		TBSG Sand	11,500'
Wolfcamp	11,850'	12,150'			11,850'
Wolfcamp Pay	12,150'				12,150'

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMLC063798

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

AMENDED

8. Well Name and No. BROADSIDE 13 FED COM W 1H

2. Name of Operator BC OPERATING, INC.

9. API Well No. 30-025-46517

3a. Address PO BOX 50820
MIDLAND, TEXAS 79710

3b. Phone No. (include area code)
(432) 684-9696

10. Field and Pool or Exploratory Area
WC-025 G-09 S243310P UPPER WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
N, 350' FSL & 2330' FWL, SEC 12, T24S, R33E

11. Country or Parish, State
LEA, NEW MEXICO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back		

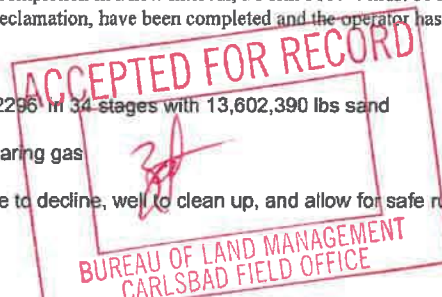
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

01/14/2020 Drilling rig released
08/23/2020-08/31/2020 Perforate and fracture treat Wolfcamp formation 17378'-12296' in 34 stages with 13,602,390 lbs sand
09/01/2020-09/02/2020 Mill plugs with coiled tubing unit
09/03/2020 Open well to tank battery, well begins to produce without flaring gas

*Will delay installation of tubing after ready date to allow for post-fracture pressure to decline, well to clean up, and allow for safe running of tubing. Will provide tubing details when available.

Request for OCD Extension of time to file BLM approved form 3160-4

All perforations 12296'-17378' MD are within the TVD boundaries of the Wolfcamp Formation and have been properly isolated with a cement top of 6250' MD (by CBL) behind 5.5" production casing as listed on Form 3160-4. Detailed formation tops are attached.



*Amended Completion Report accepted for record.
Reclamation shall be completed by March 2021*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

JASON WACKER

VP OF ENGINEERING & OPERATIONS
Title

Signature

Date

12/17/2020

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PE

Date

12/21/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CFD

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-4
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2021

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC063798

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Zones Hydraulic Fracturing
Other: **AMENDED**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
BC OPERATING, INC.

8. Lease Name and Well No.
BROADSIDE 13 FED COM W 1H

3. Address
PO BOX 50820, MIDLAND, TEXAS 79710

3a. Phone No. (Include area code)
(432) 684-9696

9. API Well No.
30-025-46517

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

10. Field and Pool or Exploratory
WC-025 G-09 S243310P UPPER WOLF

At surface 350' FSL & 2330' FWL, SEC 12, T24S, R33E

11. Sec., T., R., M., on Block and Survey or Area SEC 12-T24S-R33E

103' FNL & 2368' FWL, SEC 13, T24S, R33E

At top prod. interval reported below

12. County or Parish LEA

13. State NM

At total depth 58' FSL & 2294' FWL, SEC 13, T24S, R33E

14. Date Spudded
12/06/2019

15. Date T.D. Reached
01/12/2020

16. Date Completed 09/03/2020
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3595' GL

18. Total Depth: MD 17426'
TVD 12213'

19. Plug Back T.D.: MD 17397'
TVD 12212'

20. Depth Bridge Plug Set: MD 17397'
TVD 12212'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CBL/CCL

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13.375 J-55	54.5	0'	1408'		1250 SX CL C	353	0	
12-1/4"	10.75 J-55	45.5	0'	5236'		1080 SX CL C	399	0	
9-7/8"	7.625 P-110	29.7	0'	12343'		1935 SX	733	4500' Calc	
6-3/4"	5.5 P-110	20.0	0'	17426'		620 SX	165	6250' by CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
NONE								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12150'	12213'	12296'-17378'	0.32"	1700	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable
6080'-4500'	CIRC 330 SX, 1.33 YIELD, CLASS C CMT BEHIND 7.625" CASING 6080'-4500'
12296'-17378'	FRAC WITH 13,602,390# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
09/03/2020	09/19/2020	24	→	2184	4587	2472	46.5		FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
27/64"	N/A	3900	→	2184	4587	2472	2400 2.1	ACTIVE	pow

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
DELAWARE	5200'	5240'			
BELL CANYON	5240'	6200'			
CHERRY CANYON	6200'	7540'			
BRUSHY CANYON	7540'	9000'			
BONE SPRING	9000'	11850'			
WOLFCAMP	11850'	12213'			

32. Additional remarks (include plugging procedure).

Additional formation tops, attached.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) JASON WACKER Title VP OF ENGINEERING & OPERATIONS
 Signature *Jason Wacker* Date 12/17/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 14972

CONDITIONS OF APPROVAL

Operator: BC OPERATING, INC.	P.O. Box 50820	Midland, TX79710	OGRID: 160825	Action Number: 14972	Action Type: C-104C
OCD Reviewer plmartinez			Condition None		