

State Lease - 6 copies
Fee Lease - 5 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-103
Revised June 10, 2003

WELL API NO.

30-005-63415

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.

WELL OVER BACK RESVR. ☐ OTHER: Re-entry

7. Lease Name or Unit Agreement Name

Buffalo Hunt 21

2. Name of Operator

B C Operating, Inc.

3. Address of Operator

P O Box 50820 Midland, TX 79710

8. Well No.

1

9. Pool name or Wildcat

Greenfield: Wolfcamp (Gas)

4. Well Location

Unit Letter O : 660 Feet From The South Line and 1980 Feet From The East Line
Section 21 Township 13S Range 27E NMPM Chaves County

10. Date Spudded

12-30-05

11. Date T.D. Reached

1-28-06

12. Date Compl. (Ready to Prod.)

5-9-06

13. Elevations (DF& RKB, RT, GR, etc.)

3474' GR

14. Elev. Casinghead

15. Total Depth

9072'

16. Plug Back T.D.

8480'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

5955'-8357'

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

None

22. Was Well Cored

No

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	48, H-40	313'	17-1/2	340 sx	0 (run in 2001)
9-5/8	36, J-55	1519'	12-1/4	690 sx	0 (run in 2001)
5-1/2	17, N-80	8580'	7-7/8	1005 sx CI H	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5529'	None

26. Perforation record (interval, size, and number)

7776' - 8357', 6 SPF, 48 total

6950' - 7516', 6 SPF, 48 total

5955' - 6735', 6 SPF, 50 total

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

7776' - 8357'

Frac w/ 4500 gal 15% HCL

6950' - 7516'

Frac w/ 4284 gal 15% HCL

5955' - 6735'

Frac w/ 4500 gal 15% HCL

28

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5-9-06		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-10-06	24	17/64		0	518	30	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
320	550						

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

SOLD

Test Witnessed By

30. List Attachments

C102, C103, C104, C105

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Phyllis C. Edwards* Printed Name Phyllis Edwards Title Regulatory Analyst Date 5/12/06
E-mail Address pedwards@conchoresources.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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 6421	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 7160	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1202	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 2505	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 4094	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 4722	T.	T. Wingate	T.
T. Wolfcamp 5729	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
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

Buffalo Hunt 21 # 0001

Chaves Co., NM

API #30-005-63415

Initial Completion of horizontal Wolfcamp

2/18/2006 Saturday

Perforate 8357-58', 8100--01', 7930-31' & 7775-76' (Wolfcamp). 8' net w/6 SPF for a total of 48 holes..

2/23/2006 Thursday

Frac w/ 4500 gals 15% HCl. Pump 18K 100M sand, 52.3k 30/70 mesh sand, 44.8k 20/40 mesh sand in 5452 bbls slicked wtr plus 100 tons CO2. Pump down composite pump-through plug & set @ 7590'.

Perf 2nd stage 7516, 7325', 7135', 6950', 6 JSPF, 48 shots total. POOH w/wireline. Drop 2.125" frac ball. 2nd frac stage - pump 4284 gals 15% HCl. Pump 18K 100M sand, 52.3k 30/70 mesh sand, 44.8k 20/40 mesh sand in 5452 bbls slicked wtr plus 100 tons CO2.

Perf 3rd stage - 6735', 6545', 6310', 6160', 5955', 6 JSPF, 50 shots total. 3rd frac stage - pump 4500 gals 15% HCl. Frac ball seated in plug. Pump 18K 100M sand, 52.3K 30/70 mesh sand, 44.8k 20/40 mesh sand in 5452 slicked wtr plus 100 tons CO2. Flow test well. TIH w/ tbg & swab.

3/2/2006 Thursday

Drill composite plug @ 6850'.

3/3/2006 Friday

Drill composite plug @ 7,590'.

3/4/2006 Saturday

TOH w/ tbg

3/6/2006 Monday

TIH w/ 2-7/8" tbg. Set tbg @ 5529'. Swab & flow well.

3/18/2006 Saturday

SI for buildup.

3/19/2006 Sunday

Swab & flow well

5/9/2006 Tuesday

Turn well to sales down Agave pipeline at 2:00 PM 5-09-06. Turn over to production.