

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. Div-Dist. 2
301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-04741a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

H.L. Brown Operating L.L.C.

OGRID # 213179

3. Address

P.O. Box 2237, Midland, Texas 79702

3a. Phone No. (include area code)

432-688-3726

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

At surface 1310' FNL & 1330' FEL,

Unit letter B

At top prod. interval reported below

At total depth

RECEIVED
APR 06 2004
OCD-ARTESIA

8. Lease Name and Well No.

Federal B #2

9. API Well No.

30 - 041 - 20904

10. Field and Pool, or Exploratory

Bluitt Wolfcamp (gas)

11. Sec., T., R., M., on Block and Survey
or Area Sec 4, T-8-S, R-37-E

12. County or Parish

Roosevelt

13. State

NM

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

GL = 4054', KB = 4067'

14. Date Spudded

01/09/2004

15. Date T.D. Reached

02/01/04

16. Date Completed

☐ D&A ☒ Ready to Prod.18. Total Depth: MD 8025'
TVD19. Plug Back T.D.: MD 8025'
TVD20. Depth Bridge Plug Set: MD na
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Gray Wireline - GR / CCL / Compensated Neutron

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"	13-3/8"	48#	H-40	519'	na	415 sx 'C'	124	surface	
11"	8-5/8"	24/32#	J-55	3741'	na	800 sx 'C'	343	130'	TOC by temp.
7-7/8"	5-1/2"	15.5/17#	JK55/N80	8006'	na	1025 sx 'H'	471	3788'	TOC by temp.

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8", 4.7	7941'	7905'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perforatus
A) Wolfcamp	7984'	NDE	7990' - 8005' @ 4 SPF	0.26"	60	open
B) Wolfcamp			8006' - 8025'	4-3/4"	open hole	open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7990' - 8025'	4500 gals cross-linked 15% NEFE & 3300 gals gelled 15% NEFE - foamed with 50Q nitrogen

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
2-26-04	3-19-04	24	<input type="checkbox"/>	1	600	2	61.2	.7650	flowing
Choke Size	Tbg. Press. Flgw. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
32/64"	110 psi	0	<input type="checkbox"/>	1	600	2	600,000	Flowing to sales	

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
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flgw. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

ACCEPTED FOR RECORD

APR 2 2004

ARMANDO A. LOPEZ
PETROLEUM ENGINEER

KZ

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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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

sold

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
San Andres	4360'	4666'	Dolomite with some lime - water	San Andres "Pi" marker	4190'
Wolfcamp	7984'	TD	Dolomite and lime - gas and condensate	Glorieta	4992'
				Abo	6991'
				Wolfcamp	7984'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ① Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4 Directional Survey
 5 Sundry Notice for plugging and cement verification 6 Core Analysis ⑦ Other: Deviation survey and wellbore schematic, 1-Point Test for ADF

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) Robert McNaughton

Title Petroleum Engineer

Signature 

Date

2-25-04

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.

H.L. Brown Operating, L.L.C.

Federal B #2

1310' FNL & 1330' FEL, Unit B, Sec 4, T-8S, R-37E, Roosevelt Co, NM

Field: Bluit Wolfcamp (gas)

API # 30-041-20904

Elev: GL = 4054', KB = 4067'

Status: Flowing Gas

Spud: 01/09/04

Completed: 02/19/04

Last Workover: 03/11/04

13-3/8", 48#, H-40 @ 519'
415 sx, cement circulated
17-1/2" hole

8-5/8", 24/28/32#, J-55 @ 3741'
800 sx, TOC @ 130' by temp
11" hole

5-1/2", 15.5/ 17#, J/K-55 @ 8006'
1025 sx, TOC @ 3778' by temp.
7-7/8" Hole
4-3/4" open hole

17#	surface	to	77'
15.5#	77'	to	5050'
17#	5050'	to	8006'

TD @ 8025'

Arowset 1 packer at 7905', EOT @ 7941'

Wolfcamp Perfs: 7990' - 8005'

@4 SPF, 60 holes, 7800 gals 15% NEFE w/ 50Q N₂
(4500 gals X-L acid & 3300 gals gelled acid)

Wolfcamp Open hole: 8006' - 8025'