

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-31848
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V 2999
7. Lease Name or Unit Agreement Name North Feather State Unit
8. Well Number 1
9. OGRID Number 213179
10. Pool name or Wildcat Anderson Ranch Wolfcamp, N

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
H.L. Brown Operating, L.L.C.

3. Address of Operator
300 West Louisiana, Midland, Texas 79702

4. Well Location
Unit Letter **H** : **1650** feet from the **North** line and **990** feet from the **East** line
Section **16** Township **15-S** Range **32-E** NMPM **Lea** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,298' GL, 4,316' KB

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **STEEL** Depth to Groundwater Distance from nearest fresh water well **< 1 mile** Distance from nearest surface water **> 1 mile**

Pit Liner Thickness: **STEEL** mil Below-Grade Tank: Volume **180** bbls; Construction Material **STEEL**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐
OTHER: ☐


13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/15 thru 11/19/05

MIRU Triple N rig #22 and plugging equipment. RIH w/ tbg-set CIBP on 2 3/4" workstring to 9,654'. RU cementer and set CIBP @ 9,654'. Circulated hole w/ mud and pumped 25 sx C cmt 9,654 - 9,409'. RIH w/ wireline & cut 5 1/2" casing @ 7,028'. Stretched casing, not free. RIH w/ tubing to 7,050'. Pumped 25 sx C cmt w/ 2% CaCl₂ per Gary Wink w/ OCD. WOC & tagged cmt @ 6,750'.

Cut & pulled 5 1/2" casing from 5,227'. RIH w/ tbg and pumped 40 sx C cmt w/ 2% CaCl₂ @ 5,227'. WOC and tagged cmt @ 5,100'. Pumped 50 sx C cmt w/ 2% CaCl₂ @ 4,200'. WOC and tagged cmt @ 4,010'. Pumped 40 sx C cmt 1,665 - 1,509'. RIH w/ wireline and perforated 8 3/8" casing @ 553'. RIH w/ 8 3/8" packer to 310'. Established rate of 1 BPM @ 300 psi w/ returns in 8 3/8" x 13 3/8" and squeezed 115 sx C cmt @ 553', ISIP 300 psi. WOC and tagged cmt @ 345'. Pumped 25 sx C cmt 60' to surface.

Cut off wellhead and anchors, install dry hole marker, & level location. Leave location clean and free of trash.

Robert McNaughton  H.L. Brown Operations Manager 12-2-05

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE engineer, Triple N Services, Inc. DATE 11/28/05

Type or print name James F. Newman, P.E.

E-mail address: jim@triplenservices.com Telephone No. 432.687.1994

For State Use Only

APPROVED BY:  TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE

Conditions of Approval (if any):

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

COPY DEC 06 2005

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

North Feather State #1

1650' FNL & 990' FEL, Unit H, Sec 16, T-15S, R-32E, Lea Co, NM

Field: Anderson Ranch (Wolfcamp, North)

API # 30-025-31848

Elev: GL = 4298', KB = 4316'

P&A: 11/19/05

Spud: 01/03/1993

Completed: 04/04/1993

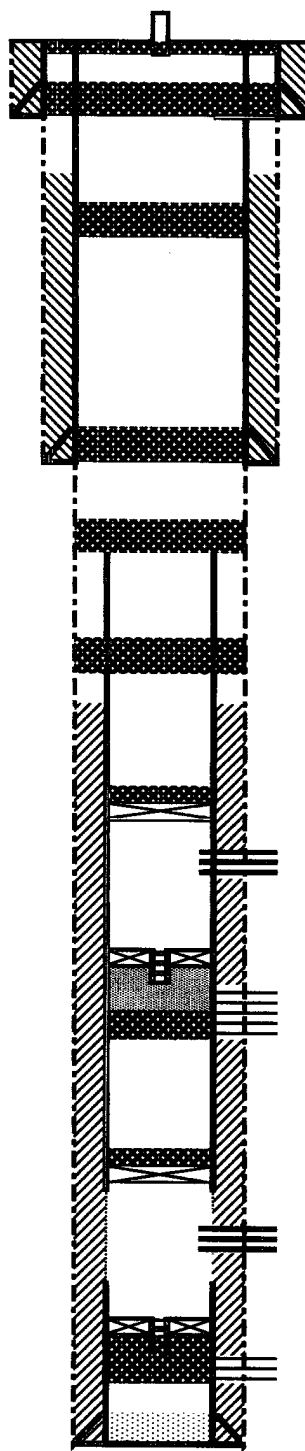
Last Workover: 08/13/2002

13-3/8", 72#, L-80 @ 503'
600 sx, circulated 10 sx
17-1/2" hole

T/ Anhydrite 1505'
T/ Salt 1615'
B/ Salt 2410'
T/ Yates 2506'

8-5/8", 32#, J-55 @ 4149'
1000 sx, TOC @ 1160' by T.S.
11" hole

5-1/2", 17/20#, L-80 @ 12,462'
1350 sx, TOC @ ~ 7300' by CBL
7-7/8" Hole



25 sx at the surface and annulus

115 sx: 345' - 533' - tagged
SQZ perfs @ 553'

40 sx plug: 1509' - 1665'

50 sx plug: 4010' - 4200', tagged

40 sx plug: 5100' - 5227', tagged
Cut casing @ 5227' and POOH

25 sx plug: 6750' - 7050', tagged
Cut casing @ 7028', not free

Set CIBP @ 9654' w/ 25 sx cement to 9409'

U Wolfcamp perfs: 9680' - 9744'
@ 1 SPF, 41 holes, 3000 gals 15% NEFE

Retainer @ 9780', SQZD w/ 50 sx

L Wolfcamp perfs: 9790' - 9798'
@ 1 SPF, 9 holes, 500 gals 15% NEFE
L Wolfcamp perfs: 9790' - 9812' - 28'
@ 1 SPF, 26 holes, 3000 gals 15% NEFE
SQZD w/ 150 sx, drilled out to 9803'

CIBP @ 12,210' w/ 30' cement

milled out casing: 12,288' - 12,360'
U Morrow Perfs: 12,333' - 12,343' (9/00)
@ 4 SPF, 41 holes, 1000 gals 10% HCl
frac w/ 38k foam/ 36k# 20/40 interprop

Retainer @ 12,366', SQZD w/ 150 sx (9/00)
L Morrow Perfs: 12,376' - 12,403' (9/93)
@ 4 SPF, 108 holes, 1000 gals 7.5% MSR w/ N2
frac w/ 18k foam/ 28k# 20/40 ceramic

TD @ 12,480'