

**New Mexico Oil Conservation Division**  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**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.*

**SUBMIT IN TRIPLICATE** Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 12852
2. Name of Operator H.L. Brown Operating, L.L.C. Ogrid # 213179		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 2237, Midland, TX 79702	3b. Phone No. (include area code) 915-683-5216	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 1980' FWL Sec 27, T-7S, R-37E		8. Well Name and No. Federal "27" A #1
		9. API Well No. 30 - 041 - 20832
		10. Field and Pool, or Exploratory Area N Bluitt (Siluro Devonian)
		11. County or Parish, State Roosevelt, NM

**12. CHECK 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 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"/> Fracture Treat	<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"/> Recomplete	<input checked="" type="checkbox"/> Other <u>drill new</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>horizontal lateral</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

4-5-00 to 7-6-00:

1. Pulled production equipment. Set CIBP @ 8850' and capped w/ 35' cement.
2. Set CIBP @ 7740' and set whipstock on top. Ran gyro survey to orient window.
3. Milled window in 5-1/2" casing from 7710' to 7734'. POH and MIRU drilling rig.
4. Drilled 4-3/4" hole to 9700' MD; 7993' TVD. BH location at 2616' FNL & 1939' FWL in Sec 27.
5. Swabbed hole dry and jetted with coil tubing. Tagged up in lateral at 8200' MD.
6. Cleaned lateral and ran 3-1/2", 8.8#, L-80 liner to 8165'. Liner hanger set at 7645' and liner top at 7654'.
7. Cleaned out lateral to 8253' and acidized with 7000 gals 15% NEFE HCl.
8. Flowed and swabbed back load. Shut in.

RECEIVED  
Hobbs  
OCD

SEP 24 2002

ARMANDO A. LOPEZ  
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Robert McNaughton		Title Petroleum Engineer
Signature		Date 9-16-02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

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.

GNW

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

<b>Federal 27 A #1</b>	
660' FNL & 1980' FWL, Sec 27, T 7S, R-37E, Roosevelt Co, NM	
Field: North Bluff Devonian	API# 30-041-20832

Elev: 4058', KB = 4075'

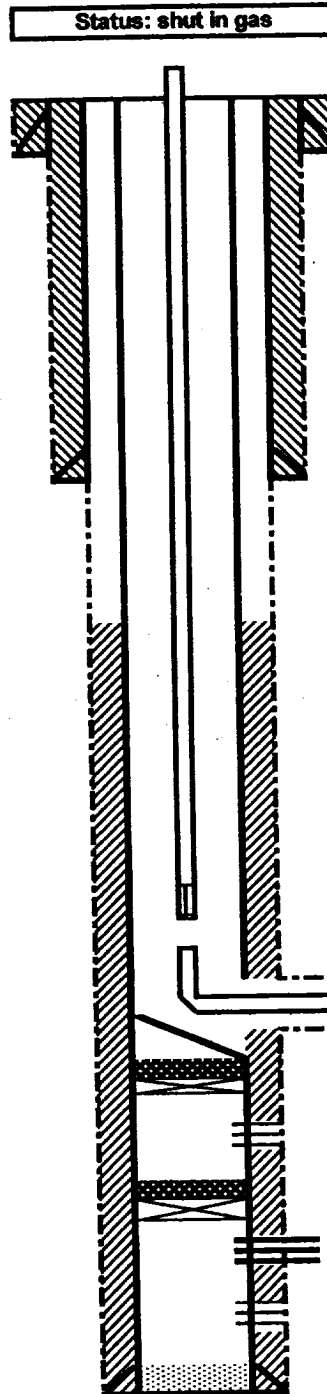
Spud: 07/07/1988  
Completed: 09/21/1988

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

8-5/8", 32#, J-55 @ 3810'  
1800 sx, cement circulated  
12-1/4" hole size

Bottom Hole Location:  
2616' FNL & 1939' FWL, Sec 27

5-1/2", 17#, N80/K55 @ 9200'  
1130 sx, TOC @ 5475' by T.S.  
7-7/8" Hole



Milled window in 5-1/2" casing: 7710' - 7734'  
Drilled 4-3/4" hole to 9700' MD. C/O to 8200'  
Ran 3-1/2", 8.8# L-80 Liner to 8200'. LT @ 7654'

CIBP @ 7740' w/ whipstock on top

Devonian Perfs: 8737' - 8791' (SQZD w/ 200 sx)

CIBP @ 8850' w/ 35' cement

Devonian Perfs: 8862' - 8881' (500 gals 15%)

Devonian Perfs: 8905' - 8956' (SQZD w/ 200 sx)  
@ 2 SPF, 10K gals 20% Nitrified HCl

PBTD @ 8890'

TD @ 9200'