

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division
P.O. Box 1980
Hobbs, NM 88241
FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

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
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
BURLINGTON RESOURCES OIL AND GAS COMPANY

3a. Address
P. O. Box 51810, Midland, TX 79710-1810
3b. Phone No. (include area code)
915/688-9012

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1980' FSL & 660' FWL
Sec. 21, T18S, R33E**

5. Lease Serial No.

NM-9997-96781

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal '21' No. 1

9. API Well No.

30-025-26830

10. Field and Pool, or Exploratory Area

South Corbin Bone Spring

11. County or Parish, State

Lea, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Described 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 recompleat' 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.)

Burlington Resources Oil and Gas Company requests approval to plug and abandon this well per the attached procedure.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Please see additional plugs on pg 2. Chris Williams

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

Title **Regulatory Compliance Assistant**

Date **August 31, 1998**

Signature

Deborah Magness

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

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.

Title **PETROLEUM ENGINEER**

Date **SEP 02 1998**

Office

Title 18 U.S.C. Section 1001, makes 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 statement or representations as to any matter within its jurisdiction.

(Instructions on reverse)

PLUG AND ABANDON
Federal 21 Com #1
Lea County, New Mexico

Procedure

1. Notify BLM office at least 24 hours prior to commencing any plugging operations. Lea County call (505) 393-3612.
2. MIRU workover rig. Unload, rack, and tally \pm 285 jts of 2-7/8" used inspected tubing.
3. ND wellhead. NU BOP.
4. PU and TIH with 2-7/8" tubing. TIH until CIBP at 8,660'. Circulate hole with clean gelled water (at least 9 ppg, 25 sx gel/100 bbl water). Spot 35' class H cement (5 sx) on top of CIBP. TOH with 2-7/8" tubing.
5. RU wireline unit. RIH with gauge ring and junk basket to 5,200'. RIH with 4" casing gun loaded 2 spf, 2 holes. Perforate at 5,160'. RD wireline unit.
6. Pump down casing to establish entry rate into perforations. TIH with CICR, stinger, and tubing. Set CICR at 5,060'. Pump 30 sx class "C" cement below CICR. Sting out retainer.
64 Set plug @ 3060' 25 SXS. Set plug @ 1200 25 SX SALT PLUG
7. TOH laying down tubing to 428'. Set balanced plug from 428' to 328' (10 sx) of class "C" cement.
8. TOH laying down tubing to 50'. Spot 10 sx class "C" surface plug in 5-1/2" casing. TOH and lay down tubing.
9. Pump 15 sx class "G" cement down 5-1/2" x 8-5/8" annulus.
10. RDMO workover rig.
11. Cut off all casing 3' below ground level. Cap with dry hole marker (4 inch pipe, 10' long, 4' above ground level) with the following information:

FEDERAL 21 COM NO. 1
BURLINGTON RESOURCES OIL AND GAS COMPANY
NM 096781
1980' FSL and 660' FWL
SECTION 21, T18S, R33E
LEA COUNTY, NEW MEXICO
(Date)
12. Restore location as directed.

BURLINGTON RESOURCES

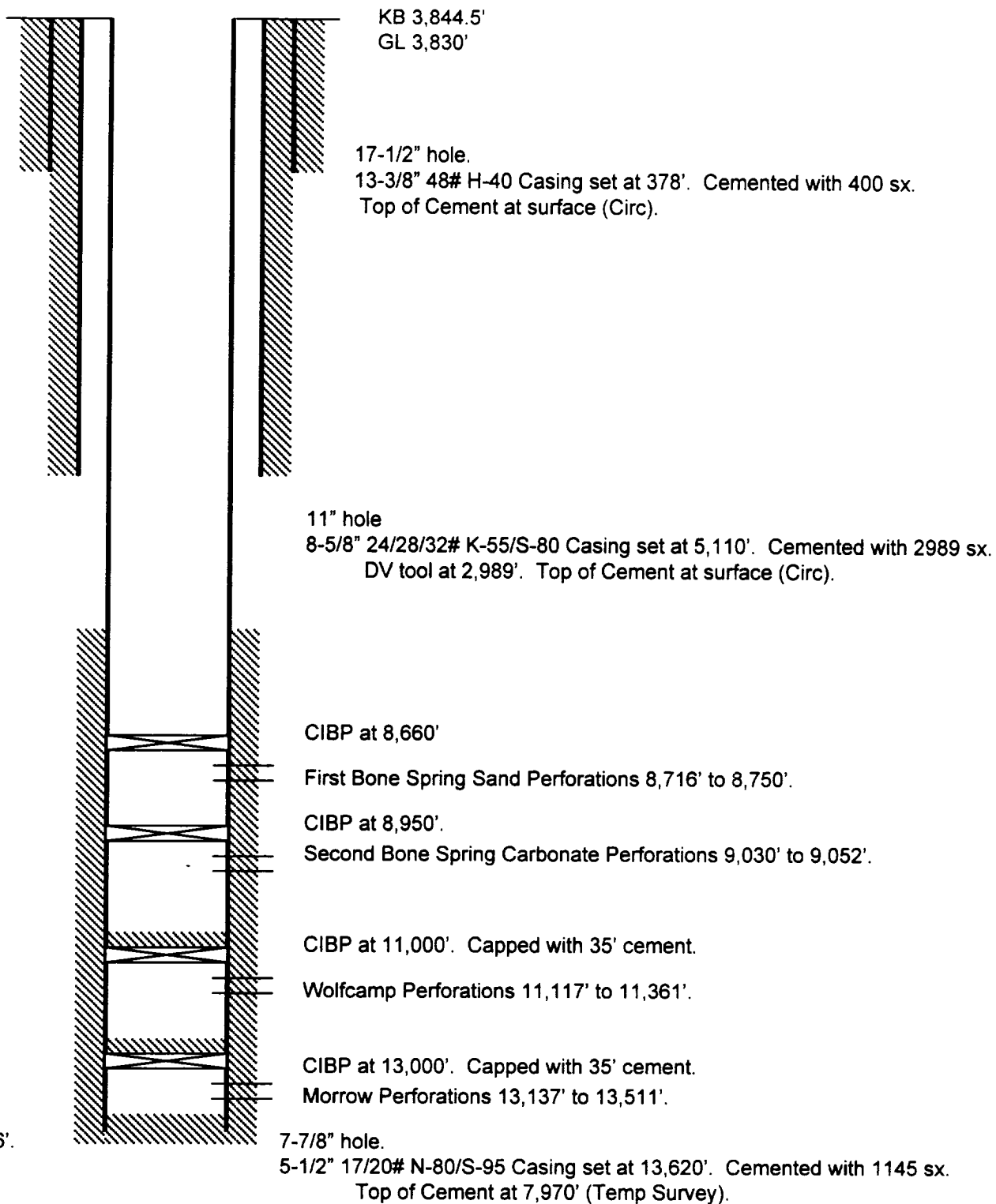
FEDERAL 21 COM #1

South Corbin (Bone Spring) Field

T18S, R33E, Section 21 NWSW

Lea County, New Mexico

Current Completion



BURLINGTON RESOURCES

FEDERAL 21 COM #1

South Corbin (Bone Spring) Field

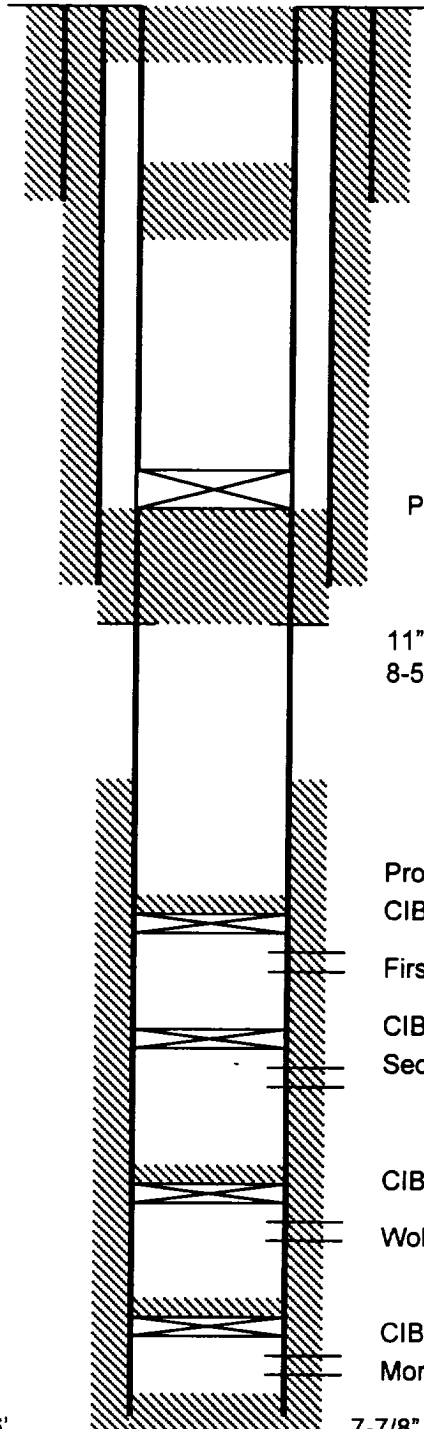
T18S, R33E, Section 21 NWSW

Lea County, New Mexico

Proposed Completion

KB 3,844.5'

GL 3,830'



Proposed cement plug from surface to 50'.

17-1/2" hole.

13-3/8" 48# H-40 Casing set at 378'. Cemented with 400 sx.

Top of Cement at surface (Circ).

Proposed cement plug from 328' to 428'.

Proposed: Perforate at 5,160'. Set CIBP at 4,960'. Squeeze 30 sx below CIBP.

11" hole

8-5/8" 24/28/32# K-55/S-80 Casing set at 5,110'. Cemented with 2989 sx.

DV tool at 2,989'. Top of Cement at surface (Circ).

Proposed 35' cap on top of CIBP.

CIBP at 8,660'

First Bone Spring Sand Perforations 8,716' to 8,750'.

CIBP at 8,950'.

Second Bone Spring Carbonate Perforations 9,030' to 9,052'.

CIBP at 11,000'. Capped with 35' cement.

Wolfcamp Perforations 11,117' to 11,361'.

CIBP at 13,000'. Capped with 35' cement.

Morrow Perforations 13,137' to 13,511'.

TD 13,646'.

7-7/8" hole.

5-1/2" 17/20# N-80/S-95 Casing set at 13,620'. Cemented with 1145 sx.

Top of Cement at 7,970' (Temp Survey).