Form 3160-5 (November 1994)

U. A ED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPARTMENT OF LAND MANAGEMENT

DEPARTMENT OF THE INTERIOR

N.M. Oil Cons. Division Bureau No. 1004-0135

Expires July 31, 1996

	BUREAU OF LANI	MANAGEMENI P.	O. Box 1980	rial No.
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an				NM 12412
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				Allottee or Tribe Name
SUBMIT IN TRIPLICATE - Other Instructions on reverse side				CA/Agreement, Name and/or No.
1. Type of Well			8. Well Name	and No
X Oil Well Gas Well Other 2. Name of Operator			Federal '23' No. 1	
BURLINGTON RESOURCES OIL AND GAS COMPANY				Vo.
3a. Address 3b. Phone No. (include area code) P. O. Box 51810 Midland, TX 79710-1810 915/688-9012			/	30-025-30772 Pool, or Exploratory Area
P. O. Box 51810, Midland, TX 79710-1810 915/688-9012 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				ast Lusk Wolfcamp
2310' FSL & 2310' FEL			11. County or	
Sec. 23, T19S, R32E				Lea, NM
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION				
TIPE OF SUBMISSION				
	Acidize	Deepen	Production (Start/Resume) Water Shut-Off
X Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Final Abandonment Notice	Change Plans	X Plug and Abandon	Temporarily Abandon	
	Convert to Injection	Plug Back	Water Disposal	
Abandonment Notices shall be inspection.)	filed only after all requirements, in	ncluding reclamation, have been	to plug and abandon	once testing has been completed. Final letermined that the site is ready for final this well per the attached
			COMPEGGIA	OF APPROVAL
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Deborah Magness Title Regulatory Compliance Assistant				
Signature Veliain	magness		ate September 17, 1998	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Conditions of approval, if any, are atta	GD.) ALEXIS C. SWOB ached. Approval of this notice does	not warrant or certify Office	EUM ENGINEER	SEP 2 3 1998
that the applicant holds legal or equita entitle the applicant to conduct operati	ble title to those rights in the subject	lease which would		

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.

BURLINGTON RESOURCES Mid-Continent Division

Well:

Federal 23 #1

Date:

September 16, 1998

Reason for Work: Plug and abandon wellbore.

Location:

2310' FSL & 2310' FEL, Sec 23, T19S, R32E, Lea County, New Mexico

Total Depth:

11,450'

PBTD:

KB:

17' above GL.

Casing Record:

13-3/8" 48# H-40 STC @ 358' cmt'd w/375 sx. (Circ)

10.962

8-5/8" 24# K-55 STC 0-2735'

32# K-55 STC 2735'-4800' cmt'd w/2960 sx. (Circ) DV Tool at 2815'. ECP at 2817'.

5-1/2" 17# K-55 LTC 0-9950'

17# L-80 LTC 9950-11,450' cmt'd w/ 550 sx. TOC at 7,280'(TS)

Perforations:

See attached wellbore schematic.

Tubing Detail:

See attached wellbore schematic.

Rod Detail:

See attached wellbore schematic

Recommended Procedure

- Notify BLM office at least 24 hours prior to commencing any plugging operations. Lea County call (505) 393-3612.
- MIRU workover rig. Bleed off any pressure. TOH and LD rods and pump. ND wellhead. NU BOP. 2.
- Release TAC and TOH with BHA and tubing. LD BHA. 3.
- TIH with CIBP on 2-7/8" tubing. Set CIBP at 10,890'. Circulate hole with clean gelled water (at least 9 4. ppg, 25 sx gel/100 bbl water). Spot 50' class H cement (15 sx) on top of CIBP.
- TOH to 7650'. Spot 25 sx class C cement plug from 7650' to 7550'. TOH with tubing. 5.
- Spear 5-1/2" casing and stretch to determine free point (estimated to be at 7200'). 6.
- RU wireline company. RIH with casing cutter and cut casing at free point. TOH and LD casing. 7.
- TIH with tubing to 7250' (50' below casing stub). Spot 35 sx class C cement plug from 7250' to 7150'. TAG 8.
- TOH to 4850'. Spot 40 sx class C cement plug from 4850' to 4750'. 9.
- TOH to 3130'. Spot 35 sx class C cement plug from 3130' to 3030'. 10.

SALT PLUG

- TOH 408'. Spot 30 sx class C cement plug from 408' to 308'. 11.
- TOH to 50'. Spot 15 sx class "C" surface plug in 5-1/2" casing. TOH and LD tubing. 12.
- 13. RDMO workover rig.
- Cut off all casing 3' below ground level. Cap with abandonment marker. Restore location as directed. 14.

BURLINGTON RESOURCES

FEDERAL 23 NO. 1

EAST LUSK FIELD T19S, R32E, Section 23 Lea County, New Mexico

Proposed Completion

KB 3,619' GL 3,602'

15 sx cement plug from surface to 50'. 17-1/2" hole. 13-3/8" 48# H-40 Casing set at 358'. Cemented with 375 sx. Top of Cement at surface (Circ). 30 sx cement plug from 308' to 408'. 35 sx cement plug from 3030' to 3130'. 12-1/4" hole. 8-5/8" 24/32# K-55 Casing set at 4,800'. Cemented with 2960 sx. Top of Cement at surface (Circ). DV tool at 2844'. 40 sx cement plug from 4750' to 4850'. Cut off casing at 7,200'. Set 35 sx cement plug from 7250' to 7150'. TAG 25 sx cement plug from 7550' to 7650'. CIBP at 10,890'. Capped with 50' cement (15 sx) Wolfcamp Perforations 10,902' to 10,956'. CIBP at 10,962'. Wolfcamp Perforations 10,966' to 10,990'. CIBP at 11,008'. Wolfcamp Perforations 11,014' to 11,324'. TD 11.450'. 7-7/8" hole. 5-1/2" 17# K-55/L-80 Casing set at 11,450'. Cemented with 550 sx.

Top of Cement at 7,280' (Temperature survey)