

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Cons. Division  
P.O. Box 1980  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**DEVON ENERGY CORPORATION (NEVADA)**

3. Address and Telephone No.  
**20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2309' FSL & 2310' FEL, Sec. J-10-T25S-R32E**

5. Lease Designation and Serial No.  
**LC061936**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**E.F. Ray "B" NCT-1 #6**

9. API Well No.  
**30-025-08172**

10. Field and Pool, or Exploratory Area  
**Paduca (Delaware)**

11. County or Parish, State  
**Lea Cnty, New Mexico**

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

In May, 1997 we plan to permanently Plug and Abandon the E.F. Ray "B" NTC-1 #6 by turnkey operations. The plugging company we plan to use is Dawson Production Services. Attached please find the following.

1. Procedure to Permanently Plug and Abandon Well
2. Current well bore schematic (well is SI)
3. Proposed schematic of well bore P&A

RECEIVED

MAY 27 '97

BLM  
ROSWELL, NM

14. I hereby certify that the foregoing is true and correct

Signed Candace R. Graham  
(This space for Federal or State office use)

Candace R. Graham  
Title Engineering Technician

Date May 22, 1997

Approved by (ORIG. SGD.) GARY GOURLEY  
Conditions of approval, if any:

**PETROLEUM ENGINEER**

Date 05/28/97

**DEVON ENERGY CORPORATION**  
**Interoffice Correspondence**

**TO:** Rick Clark

**FROM:** W. M. Frank

**RE:** Procedure to Permanently Plug & Abandon Well  
E.F. Ray "B" NTC-1 #6  
2309' FSL & 2310' FEL  
Section 10-T25S-R32E  
Lea County, New Mexico

Well Data: Elevation - 3454' GL 3463' KB.

TD - 4775' Driller

Casing - 7 5/8" 15.28# @ 330' Cemented to Surf  
- 4 1/2" 9.5# @ 4775' Cmt w/150 sx

**Note: Location may have H2S present. All personnel on location must have H2S certification. Conduct H2S safety meetings at each stage of procedure where gas may reach surface. Make sure that all personnel are aware of safety procedures.**

**Procedure**

1. MIRU DDPU. Haul in ±4000' of 2 3/8" tubing.
2. ND wellhead and NU BOPE. TIH PU tubing to cement covering CIBP @ 4500'.
3. Circulate hole w/9.5 ppg mud. POOH standing back 3500' of tubing, lay down remainder.
4. ND BOPE and Larkin head. Latch onto 4 1/2" casing and work to establish free point.
5. MIRU electric line truck and pack off. TIH w/jet cutter and cut 4 1/2" casing 200' above calculated free point. RD electric line truck.
6. POOH laying down 4 1/2" casing. Tally casing during lay down process. Make sure to fill hole w/9.5 ppg mud during trip out. Displacement is 3.5 bbls per thousand feet of pipe.
7. TIH w/2 3/8" tubing to casing stub. Attempt to enter casing stub w/tubing. If possible go down 50' into stub and spot 25 sxs Class "C" balanced plug.
8. POOH laying down tubing to 1140' (top of salt). Spot 25 sxs Class "C" balanced plug.

LC020041  
E.F. Ray "B" NTC-1 #6  
Lea County, New Mexico  
Procedure to Permanently P&A  
May 21, 1997  
Page Two

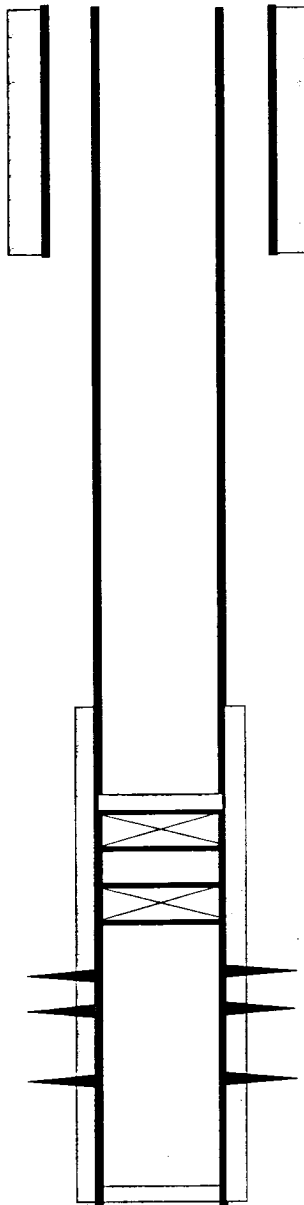
8. POOH laying down tubing to 1140' (top of salt). Spot 25 sxs Class "C" balanced plug.
9. POOH laying down tubing to 380' (50 below shoe). Spot 25 sxs Class "C" balanced plug.
10. POOH laying down tubing to 30', circulate cement to surface. Lay down tubing joint.
11. Cut wellhead off 3' below ground level. Weld plate over casing stub and install dry hole marker. RDMO plugging equipment. Clean and reclaim location as necessary to comply with BLM requirements.

2310 FEL  
2310 FEL

## DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: E.F. Ray "B" NCT-1 #6		FIELD: Paduca (Delaware)	
LOCATION: Section 10, T25S, R32E		COUNTY: Lea	STATE: NM
ELEVATION: GL=3454' - KB=3463'		SPUD DATE: 5/27/62	COMP DATE: 7/9/62
API#: 30-025-08172	PREPARED BY: W. M. Frank	DATE: 4/29/97	

TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 330'	7 5/8"	15.28#	Spiral		9 7/8"
CASING:	0' - 4775'	4 1/2"	9.5#	J-55	8rd	6 3/4"
CASING:						
TUBING:						
TUBING:						



CURRENT       PROPOSED

**This well last passed a casing integrity test on 10/14/94.**

In 1985 7 5/8" was cut @ 7' and bad pipe replaced with new pipe.

7 5/8" CASING, CMT'D W/250 SXS. TOC @ SURFACE.

Calculated TOC @ 3700' (25% washout).

CIBP @ 4540' and capped w/40' cement.

CIBP @ 4600'.

Re-perf after sqz @ 4739' (3 holes). Not sure if these hole are sqzd.  
Perfs @ 4739' (3 holes). Frac'd w/1750 lbs sand in 1750 gals oil. Then squeezed.

Perfs @ 4742 - 57' (2 spf in 1971). Frac'd w/12 Mlbs sand in 12 Mgals fluid. After frac rate of 22 Bopd, 48 Mcfd, and 46 Bwpd.

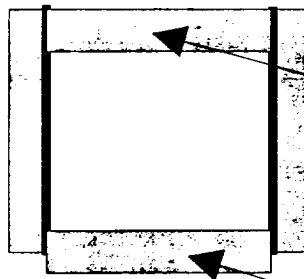
PBTD @ 4766'

4 1/2" @ 4775'. CASING CMT'D W/150 SXS.

TD @ 4775'

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API#: 30-025-08172		PREPARED BY: W. M. Frank			DATE: 5/21/97	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 330'	7 5/8"	15.28#	Spiral		9 7/8"
CASING:	0' - 4775'	4 1/2"	9.5#	J-55	8rd	6 3/4"
CASING:						
TUBING:						
TUBING:						



CURRENT

PROPOSED

30' Class "C" plug at surface.

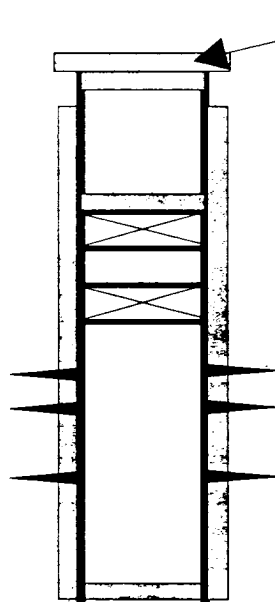
In 1985 7 5/8" was cut @ 7' and bad pipe replaced with new pipe.

7 5/8" CASING, CMT'D W/250 SXS. TOC @ SURFACE.

100' Class "C" plug 50' in and 50' out of surface casing shoe.



100' Class "C" plug at top of salt @ 1140'.



100' Class "C" plug 50' in and 50' out of casing stub.

Calculated TOC @ 3700' (25% washout).

CIBP @ 4540' and capped w/40' cement.

CIBP @ 4600'.

Re-perf after sqz @ 4739' (3 holes). Not sure if these hole are sqzd.

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4 1/2" @ 4775'. CASING CMT'D W/150 SXS.

TD @ 4775'