Form 3160-5 (June 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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Rudget	Bure	20	Nn.	100	34-01	35
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Lease	Designation	and	Serial	1
MMC	F-078	47	16	

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

6 If Indian, Allottee or Tribe Name

7 If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE		UNIT D	
I Type of Well  Oil Gas Weil Well Other	30-045-20568	R Well Name and No.	
2. Name of Operator		FEDERAL E3	
BLEDSOE PETRO CORPORATION		9. API Well No.	
3 Address and Telephone No.			
1717 MAIN ST SUITE 5850 DALLA	AS TX 75201 214/742-580	10. Field and Pool, or Exploratory Area	
4 Location of Well (Finnage, Sec., T., R., M., or Survey Description)		BLANCO MESAVERDE	

T 27 N. R 8 W. SEC. 13 D-13-27-8 11. County or Parish, State SAN JUAN, NEW MEXICO 790' FNL & 790' FEL

ndonment	Change of Plans
	New Construction
mipletion ging Back	Non-Rinitine Fracturing
ng Repair ring Casing	Water Shut-Off Conversion to Injection
gi	ing Back g Repair

1.3 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.)\*

THIS WELL WAS PLUGGED AND ABANDONED ON DECEMBER 9, 1996 PER THE ATTACHED REPORT.



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14. I hereby certify that the (oregoing is true and correct)  Signed ALGOW T. Dates	Title _	PETROLEUM ENGINAPPROVED 6 197
(This space for Federal or State office use)		JAN 1 3 (2) 7
Approved by	_ Title _	DISTRICT MANAGER

Title IR U.S.C. Section 1001, makes it a crime for any person knowingly and militaries 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.

## A - PLUS WELL SERVICE, INC.

### P.O. BOX 1979 FARMINGTON, NM 87499 505-325-2627 • FAX: 505-325-1211

Bledsoe Petro Corporation

December 10, 1996

Federal E #3 (Chacra/Mesaverde Well)

Page 1 of 2

790' FNL, 790' FEL, Sec. 13, T-27-N, R-8-W

Plug & Abandonment Report

San Juan County, NM., NMSF- 078476

#### Cementing Summary:

- Plug #1 with CIBP at 4620' spot 12 sxs Class B cement above plug to 4465' to isolate Mesaverde perforations and top.
- Plug #2 with 25 sxs Class B cement with 2% CaCl₂ inside casing from 4040' to 3715' to fill Chacra perforations and cover top.
- **Plug #3** with 29 sxs Class B cement inside casing from 3047' to 2672' to cover Pictured Cliffs and Fruitland tops.
- Plug #4 with 20 sxs Class B cement inside casing from 2309' to 2051' to cover Kirtland and Ojo Alamo tops.
- Plug #5a with 25 sxs Class B cement with 2% CaCl₂ inside casing from 1251' to 928' to cover Nacimiento top.
- Plug #5b re-spot 25 sxs Class B cement from 1251' to 928' to cover Nacimiento top.
- Plug #5c with 25 sxs Class B cement with 2% CaCl₂ inside casing from 1251' to 928' to cover Nacimiento top.
- Plug #6 with 210 sxs Class B cement pumped down 4-1/2" casing from 227' to surface; circulate good cement returns out bradenhead.

#### Plugging Summary:

Notified BLM 6:00 am, 11/27/96

- 12-3-96 Safety Meeting. Road rig and equipment to location. RU rig and equipment. Layout relief line to pit. Open up well, no pressures. ND wellhead. NU BOP and test. Change rams for 1-1/4" tubing. POH and LD 124 joints 1-1/4" Chacra tubing. PU on Mesaverde tubing and work Model R packer free. POH and LD 168 joints 1-1/4" IJ Mesaverde tubing and packer. Shut in well. SDFD.
- 12-4-96 Safety Meeting. Open up well. RU A-Plus wireline truck. RIH with 4-1/2" wireline CIBP and set at 4620'. PU and RIH with A-Plus 2-3/8" tubing workstring; tag CIBP at 4620'. Clear tubing with 40 bbls water. Plug #1 with CIBP at 4620' spot 12 sxs Class B cement above plug to 4465' to isolate Mesaverde perforations and top. PUH to 4040'. Plug #2 with 25 sxs Class B cement with 2% CaCl<sub>2</sub> inside casing from 4040' to 3715' to fill Chacra perforations and cover top. PUH to 2790' and WOC for 2 hours. RIH and tag cement at 3748'. POH to 3047'. Circulate well clean with 9 bbls water. Attempt to pressure test casing; leak 2-1/2 bpm at 300# with a blow out bradenhead. Plug #3 with 29 sxs Class B cement inside casing from 3047' to 2672' to cover Pictured Cliffs and Fruitland tops. POH to 2309'.

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Federal E #3 (Chacra/Mesaverde Well)
790' FNL, 790' FEL, Sec. 13, T-27-N, R-8-W

December 10, 1996 Page 2 of 2

San Juan County, NM., NMSF- 078476

Plug & Abandonment Report

## **Plugging Summary Continued:**

- 12-4-96 Continued: Plug #4 with 20 sxs Class B cement inside casing from 2309' to 2051' to cover Kirtland and Ojo Alamo tops. POH to 1122' and WOC over night. Shut in well. SDFD.
- 12-5-96 Safety Meeting. Open up well. RIH and tag cement at 2084'. POH to 1251'. Load casing with 14 bbls water. Attempt to pressure test casing to 500#; leak 2-1/2 bpm at 300# with strong blow out bradenhead. Plug #5a with 25 sxs Class B cement with 2% CaCl<sub>2</sub> inside casing from 1251' to 928' to cover Nacimiento top. POH with tubing and WOC for 2.5 hours. RIH to 1251', did not tag cement. Plug #5b re-spot 25 sxs Class B cement from 1251' to 928' to cover Nacimiento top. POH with tubing and WOC over night. Shut in well. SDFD.
- 12-6-96 Safety Meeting. Open up well; casing and bradenhead went on a vacuum. RIH with tubing to 1283', did not tag cement. Continue to RIH to 1380'; tagged cement below Nacimiento top. Load casing with 14 bbls water. Attempt to pressure test casing; leak 2-1/2 bpm at 300#. Pump additional 8 bbls water and established circulation out bradenhead. POH to 1251'. Plug #5c with 25 sxs Class B cement with 2% CaCl<sub>2</sub> inside casing from 1251 to 928 to cover Nacimiento top. POH with tubing and WOC 2 hours. RU A-Plus wireline truck and RIH; tag cement at 1147'. Load casing with 8 bbls water. Attempt to pressure test casing; leaks. Pump additional 4 bbls water and establish circulation out bradenhead. Mix and pump 5 sxs weak cement down 4-1/2" casing and circulate back out bradenhead with 35 bbls water; calculate hole in casing at approximately 580'. Wait on orders. RIH with 900' of tubing. POH and LD tubing. Procedure change approved W. Townsend, BLM. Perforate 3 HSC squeeze holes at 227'. Plug #6 with 210 sxs Class B cement pumped down 4-1/2" casing from 227' to surface; circulate good cement returns out bradenhead. Shut in well and WOC over night. SDFD.
- 12-9-96 Safety Meeting. Open up well. Load casing with ¾ bbls water. Pressure test casing to 500# for 5 min, held OK. RD tubing equipment. ND BOP. Dig out wellhead. Cut wellhead off; cement down 40' in 4-1/2" casing and 4-1/2" x 8-5/8" casing annulus. Mix 15 sxs Class B cement; fill 4-1/2" casing with 3 sxs, 6 sxs for casing annulus and install P&A marker with 6sxs. RD rig and equipment and move off location. Chain up rig and equipment; attempt to road to Federal J #1. Roads too muddy. SDFD.
  - J. Morris, BLM was on location.