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to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

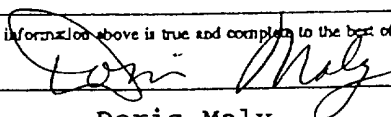
WELL API NO. 30-025-29660
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Lea Farms
2. Name of Operator Bonneville Fuel Corporation	8. Well No. #2
3. Address of Operator 1660 Lincoln, Suite 1800, Denver, CO 80264	9. Pool name or Wildcat So. Humble City, Strawn
4. Well Location Unit Letter H : 1800 Feet From The North Line and 500 Feet From The East Line Section 14 Township 17S Range 37E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3727 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Bonneville Fuels Corporation submits the attached plugging procedure for the above referenced well. We expect plugging operations to commence 5/10/97 or as soon as a rig is available.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNATURE 	TITLE Engineering Tech. DATE 4/02/97
TYPE OR PRINT NAME Doris Maly	TELEPHONE NO. 303 863-1555

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

MAY 19 1997

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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**PLUGGING PLAN:**

LEA FARMS #2  
1800' FNL & 500' FEL,  
SECTION 14, T.11S., R.37E.  
LEA COUNTY, NEW MEXICO

There are three (3) zones perforated in the Strawn Fm.:

1. 11,512' - 11,520': 8': 17 Holes.
2. 11,526' - 11,536': 10': 21 Holes.
3. 11,540' - 11,580': 40': 81 Holes.

- NOTES:
- a. KB = 22': All depths are KB ref.
  - b. Casing has leak: probable @ 6,400' to 7,750'.
  - c. Previous Casing Leak @ 7412' to 7750':  
Repaired w/ 500 sx. Cement in 1991.
  - d. TOC Reported @ 9,904' (No bond logs available).
  - e. UNI-VI RBP stuck @ 10,681' w/ unknown junk on top.
  - f. Possible parted casing @ 3,295' to 3,309'.
  - g. Tight casing damage @ 6,411' to 6,597'.

CASING DESIGN:	Collapse	Burst	Interval:
5-1/2" 23# P-110 LT&C:	14,540	13,580	8,941.63' to 11,800.00'.
5-1/2" 23# S-95 LT&C:	12,940	11,730	8,822.40' to 8,941.63'.
5-1/2" 20# P-110 LT&C:	11,100	12,630	7,980.74' to 8,822.40'.
5-1/2" 17# P-110 LT&C:	7,480	10,640	7,475.54' to 7,980.74'.
5-1/2" 17# N-80 LT&C:	6,290	7,740	6,813.82' to 7,475.54'.
5-1/2" 17# P-110 LT&C:	7,480	10,640	6,647.80' to 6,813.82'.
5-1/2" 20# L-80 LT&C:	8,830	9,190	6,279.47' to 6,647.80'.
5-1/2" 20# N-80 LT&C:	8,830	9,190	5,161.63' to 6,279.47'.
5-1/2" 23# S-95 LT&C:	12,940	11,730	4,327.33' to 5,161.63'.
5-1/2" 23# P-110 LT&C:	14,540	13,580	17.33' to 4,327.33'.

17#: I.D. = 4.892"; Drift = 4.767".  
20#: I.D. = 4.778"; Drift = 4.653".  
23#: I.D. = 4.670"; Drift = 4.545".

DATE OF LAST PRODUCTION: 2/12/97.

- CASING PROBLEMS:
1. RBP stuck @ 10,681' in 5-1/2" 23# Casing.
  2. Probable casing leak(s) @ 6,400' to 7,750'.
  3. Casing damage between 6,411' to 6,597' (tight).
  4. Possible parted or partially collapsed casing @ 3,295' to 3,309'.

TUBING PROFILE: 339 Jts. 2-7/8" N-80 8RD. EUE Tubing  
w/ SN Landed @ 10,674.5'.

MINIMUM PLUGGING REQUIREMENTS: Per Paul Kautz @ NMOCD:

- 100' cement plug @ 10,681' to 10,581' in 5-1/2" Casing.
- 100' cement plug @ 8,450' to 8,350' in 5-1/2" Casing.
- 100' cement plug @ 7,020' to 6,920' in 5-1/2" Casing.

100' cement plug @ 4,720' to 4,720'  
in 5-1/2" Casing opposite 9-5/8" Casing Shoe @ 4,670'  
OR  
across 9-5/8" Casing Shoe in open-hole/casing  
if 5-1/2" Casing is recovered from below 4,670'.

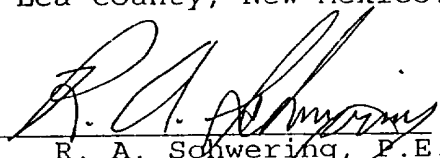
100' cement plug (50' in and out) of any 5-1/2" casing stub in well.

100' cement plug @ 2,200' to 2,100'  
w/ perforations and coverage of 5-1/2" casing  
and 9-5/8" x 5-1/2" casing annulus  
OR  
in 9-5/8" Casing if 5-1/2" casing is recovered from below 2,200'.

10 sx. cement plug from 30' to surface  
w/ perforations and coverage of 5-1/2" casing  
and 9-5/8" x 5-1/2" casing annulus  
OR  
in 9-5/8" Casing if 5-1/2" casing is recovered from below 2,200'.

LEA FARMS #2: WELL ABANDONMENT PROCEDURE:

1. MIRU Pulling Unit. NU BOPE. Tag plug @ 10,681'. RU Cementers.
2. Spot 2 sx. sand on Guiberson UNI-VI RBP. Calc. TO Sand @ 10,664'.
3. POOH & LD 1 Jt. to  $\pm 10,644'$ . Spot 3 Bbl. balanced plug consisting of 14.3 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu. ft. per sx. @  $\pm 10,664'$  to  $\pm 10,522'$ .
4. POOH & LD 70 Jts. to  $\pm 8,450'$ . Spot 3 Bbl. balanced plug consisting of 14.3 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu. ft. per sx. @  $\pm 8,450'$  to  $\pm 8,315'$ .
5. POOH & LD 45 Jts. to  $\pm 7,020'$ . Spot 3 Bbl. balanced plug consisting of 14.3 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu. ft. per sx. @  $\pm 7,020'$  to  $\pm 6,891'$ .
6. POOH & LD  $\pm 73$  Jts. to  $\pm 4,720'$ . Fin. POOH approx. 75 stands. ND BOPE. PU Casing Spear & engage 5-1/2" casing @ surface & LD Slips.
7. IF CASING IS PARTED then finish plugging out the well as follows:
  - a. POOH & LD  $\pm 3,300'$  of used Class 'C' 5-1/2" Casing.
  - b. RIH w/ 2-7/8" Tubing w/ mule shoe to  $\pm 4,720'$  and spot 3 Bbl. balanced plug consisting of 14.3 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu.ft. per sx. @  $\pm 4,720'$  to  $\pm 4,578'$  (Plug to span AT LEAST 50' above and below 9-5/8" Casing Shoe @ 4,670').
  - c. POOH & LD  $\pm 43$  Jts. Tubing to  $\pm 3,359'$  and spot 7.5 Bbl. balanced plug consisting of 35.7 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu.ft. per sx. @  $\pm 3,359'$  to  $\pm 3,225'$  (Plug to span AT LEAST 50' above and below 5-1/2" Casing Stub @ 3,309').
  - d. POOH & LD  $\pm 37$  Jts. Tubing to  $\pm 2,200'$  and spot 8.0 Bbl. balanced plug consisting of 38.1 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu.ft. per sx. @  $\pm 2,200'$  to  $\pm 2,097'$ . Proceed to Step 9.
8. IF CASING IS NOT PARTED then finish plugging out the well as follows:
  - a. RIH w/ WL & Free-Point & Back-Off casing as close to, but no deeper than, 6,800' as possible. POOH & LD -6,800' of used Class 'C' 5-1/2" Casing.
  - b. RIH w/ 2-7/8" Tubing w/ mule shoe to  $\pm 50'$  into casing stub @ -6,800' and spot 7.5 Bbl. balanced plug consisting of 35.7 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu.ft. per sx. @  $\pm 50'$  into 5-1/2" Casing Stub &  $\pm 65'$  into the open hole.
  - b. POOH & LD 2-7/8" Tubing to  $\pm 4,720'$  and spot 12.5 Bbl. balanced plug consisting of 59.5 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu.ft./sx. @  $\pm 4,720'$  to  $\pm 4,585'$  (Plug to span AT LEAST 50' above and below 9-5/8" Casing Shoe @ 4,670').
  - c. POOH & LD  $\pm 80$  Jts. Tubing to  $\pm 2,200'$  and spot 8.0 Bbl. balanced plug consisting of 38.1 sx. Class 'H' Cement @ 15.6 PPG @ 1.18 cu.ft. per sx. @  $\pm 2,200'$  to  $\pm 2,097'$ . Proceed to Step 9.
9. POOH & LD Tubing to last Jt. Load Hole. Spot 10 sx. Class 'H' cement surface plug @ 15.6 PPG @ 1.18 cu.ft./sx. @ 31'GL to 4'GL. ND Wellhead Eqpt. Cut-Off casing & weld plate on casing @ TOC. Weld & install dry-hole marker w/ well name & number & legal location & operator. Clean-up site. Return equipment to South Humble City and Southwest Humble City Inventory pending future drilling, completion and equipment replacement/repair operations in T.17S., R.37E., Lea County, New Mexico.

Prepared By:   
R. A. Schwering, P.E.  
Operations Manager: New Mexico

Date: 4/2/97