

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

**RECEIVED**  
MAY 13 1994  
OIL CON. DIV.  
DIST. 3

Form C-101  
Revised February 10, 1994  
Instructions on back  
to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

Operator Name and Address: Hallwood Petroleum, Inc. P.O. Box 378111 Denver, CO 80237		OGRID Number: 009812
		API Number: 30-045-29117
Property Code: 14944	Property Name: Riggs	Well No.: 1

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	4	29N	12W		790	North	1220	East	San Juan

**8 Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	4	29N	12W		790	North	1220	East	San Juan

Proposed Pool 1: Basin Fruitland Coal	Proposed Pool 2: N/319.36
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Work Type Code: N	Well Type Code: G	Cable/Rotary: R	Lease Type Code: P	Ground Level Elevation: 5,740'
Multiple: N	Proposed Depth: 1,850'	Formation: Pictured Cliffs	Contractor: Aztec	Spud Date: 5/25/94

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24#	250'	175	Surface
7.875"	5.50"	15.50#	1,850'	325	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Hallwood Petroleum, Inc. proposes to drill a 12-1/4" hole with native mud to 250' and set 8-5/8" 24# J-55 casing at 250', cementing back to surface with approximately 175 sacks of Class "B" cement. Drill 7-7/8" hole out of surface casing to 1,800' with mud, log well and set 5-1/2" 15.50# J-55 production casing from 0-1,800'. Cement to surface with approximately 250 sacks of lead cement and 75 sacks of Class "B" tail cement. Perforate and fracture stimulate coal interval and put well on beam pump to test well. NOTE: BOP's to be used during drilling will be an 11" 3000# rated Schaffer double BOP with a Grant rotating head.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kevin E. O'Connell*  
Printed name: Kevin E. O'Connell  
Title: Drlg. & Prod. Manager  
Date: 5/11/94  
Phone: (303)850-7373

**OIL CONSERVATION DIVISION**

Approved by: *Eric Bush*  
Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3  
Approval Date: MAY 13 1994  
Expiration Date: MAY 13 1995  
Conditions of Approval:  
Attached

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- |          |  |                             |  |
|----------|--|-----------------------------|--|
| 1        | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.  | 18                          | Geologic formation at TD   |
| 2        | Operator's name and address  | 19                          | Name of the intended drilling company if known.  |
| 3        | API number of this well. If this is a new drill the OCD will assign the number and fill this in.   | 20                          | Anticipated spud date.   |
| 4        | Property code. If this is a new property the OCD will assign the number and fill it in.  | 21                          | Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement |
| 5        | Property name that used to be called 'well name'   | 22                          | Brief description of the proposed drilling program and SOP program. Attach additional sheets if necessary.   |
| 6        | The number of this well on the property.   | 23                          | The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.                   |
| 7        | The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit letter. |                             |  |
| 8        | The proposed bottom hole location of this well at TD   |                             |  |
| 9 and 10 | The proposed pool(s) to which this well is being drilled.  |                             |  |
| 11       | Work type code from the following table:   |                             |  |
|          | N  | New well                    |  |
|          | E  | Re-entry                    |  |
|          | D  | Drill deeper                |  |
|          | P  | Plugback                    |  |
|          | A  | Add a zone                  |  |
| 12       | Well type code from the following table:   |                             |  |
|          | O  | Single oil completion       |  |
|          | G  | Single gas completion       |  |
|          | M  | Multiple completion         |  |
|          | I  | Injection well              |  |
|          | S  | SWD well                    |  |
|          | W  | Water supply well           |  |
|          | C  | Carbon dioxide well         |  |
| 13       | Cable or rotary drilling code  |                             |  |
|          | C  | Propose to cable tool drill |  |
|          | R  | Propose to rotary drill     |  |
| 14       | Lease type code from the following table:  |                             |  |
|          | F  | Federal                     |  |
|          | S  | State                       |  |
|          | P  | Private                     |  |
|          | N  | Navajo                      |  |
|          | J  | Jicarilla                   |  |
|          | U  | Ute                         |  |
|          | I  | Other Indian tribe          |  |
| 15       | Ground level elevation above sea level   |                             |  |
| 16       | Intend to multiple complete? Yes or No   |                             |  |
| 17       | Proposed total depth of this well  |                             |  |

Submit to Appropriate District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-89

**RECEIVED**  
 MAY 13 1994

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

**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 CON. DIV.**  
**DIST. 3**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

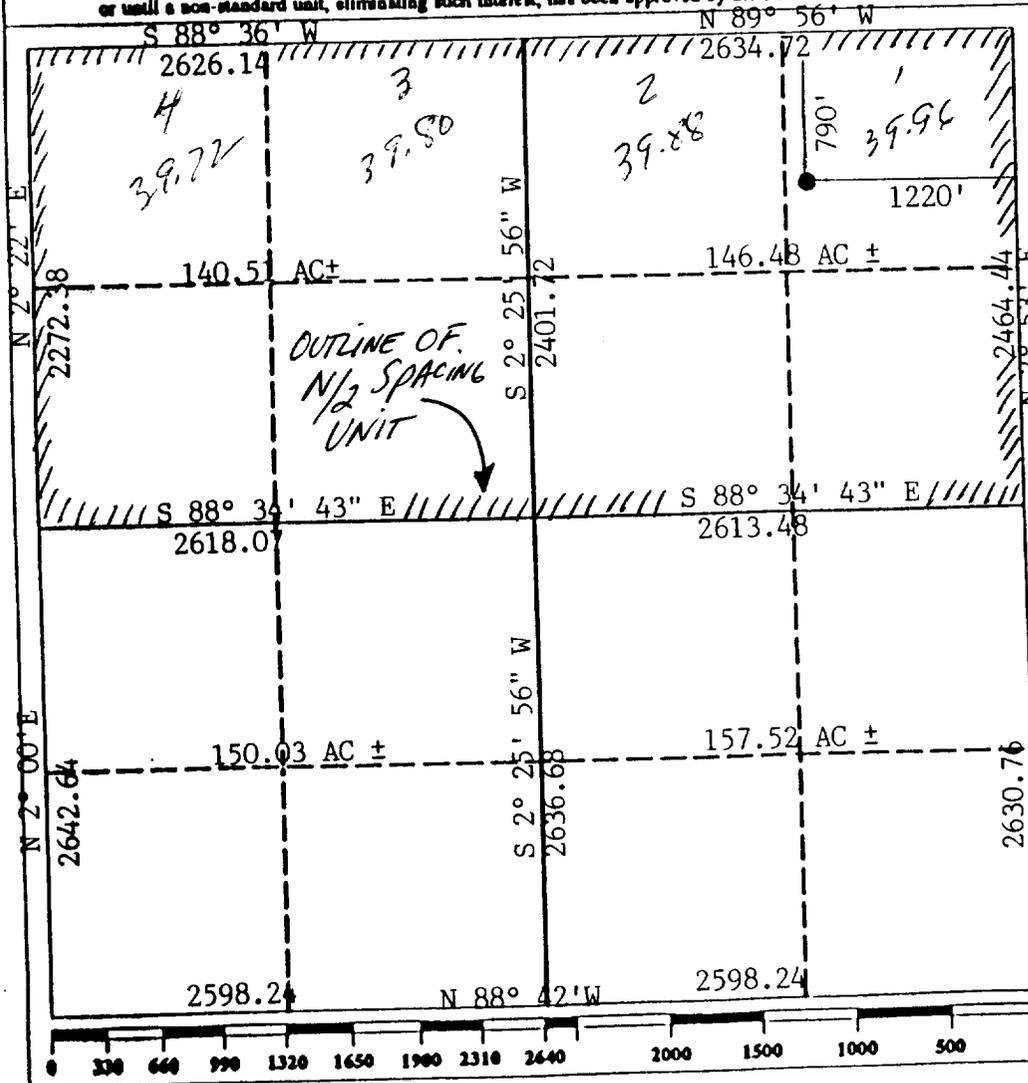
Operator <b>HALLWOOD PETROLEUM, INC.</b>			Lease <b>RIGGS</b>			Well No. <b>NO. 1</b>		
Unit Letter <b>A</b>	Section <b>4</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>NMPM SAN JUAN CO.</b>				
Actual Footage Location of Well: <b>790</b> feet from the <b>NORTH</b> line and <b>1220</b> feet from the <b>EAST</b> line								
Ground level Elev. <b>5740</b>		Producing Formation <b>BASAL FRUITLAND</b>			Pool <b>BASIN FRUITLAND COAL</b>		Dedicated Acreage: <b>(±) 319.36</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 

Yes     No    If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

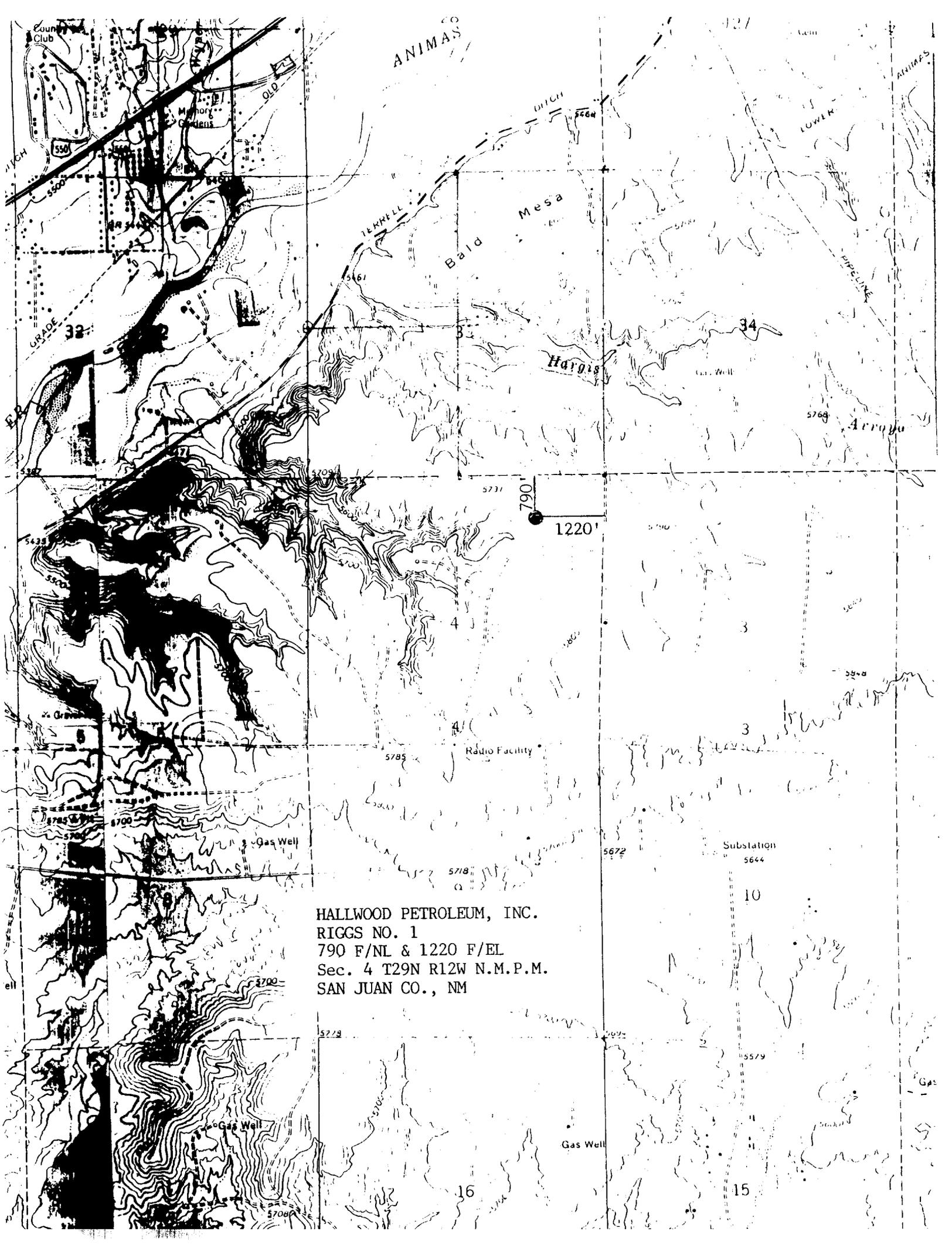


**OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Kevin E. O'Connell*  
 Printed Name: **KEVIN E. O'CONNELL**  
 Position: **DRILLING & PROD. MANAGER**  
 Company: **Hallwood Petroleum Inc**  
 Date: **5/11/94**

**SURVEYOR CERTIFICATION**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **May 3, 1994**  
 Signature & Seal of Professional Surveyor: *Cecil [Signature]*  
 Registered Professional Surveyor  
 Certificate No. **9672**



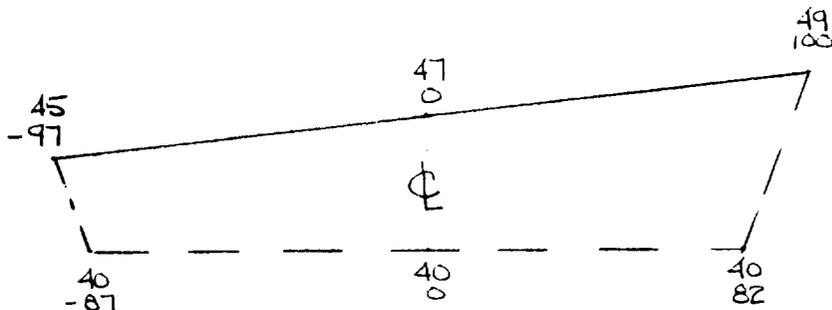
HALLWOOD PETROLEUM, INC.  
RIGGS NO. 1  
790 F/NL & 1220 F/EL  
Sec. 4 T29N R12W N.M.P.M.  
SAN JUAN CO., NM

Scale: Horz. 1" = 50'  
 Vert. 1" = 10'

RIGGS. NO. 1  
 790 F/NL & 1220 F/EL  
 Sec. 4 T29N R12W N.M.P.M.  
 San Juan Co., NM

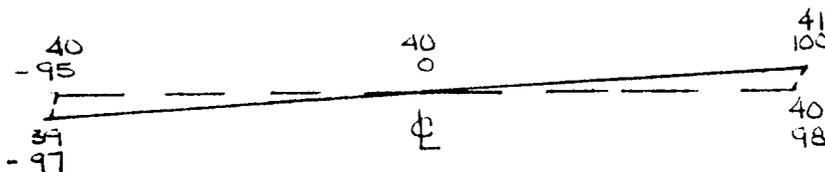
0+00

ZERO CUT/FILL

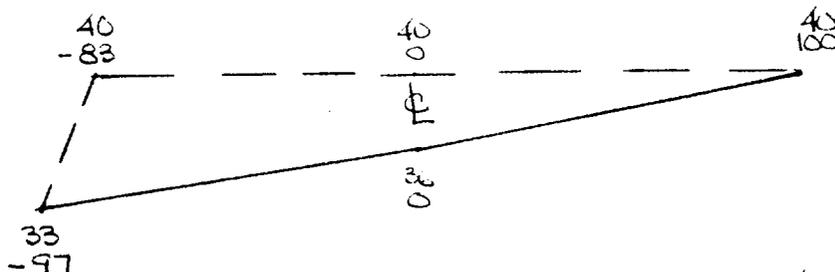


CUT.....2892 CU YDS.  
 FILL.....1555 CU YDS.  
 PIT EXCAVATION.....222 CU YDS.

1+00

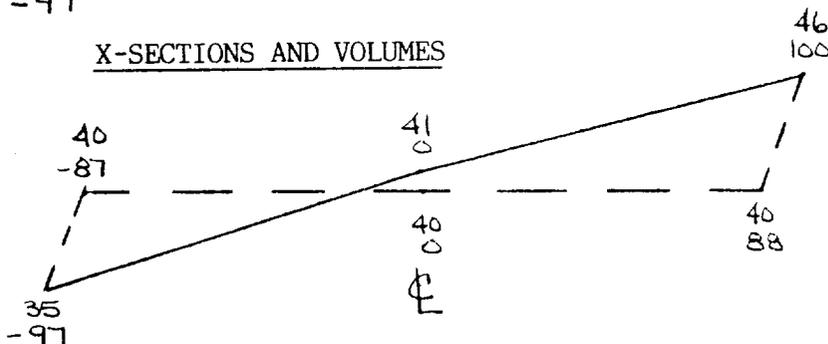


1+30



X-SECTIONS AND VOLUMES

1+96



2+00

ZERO CUT/FILL

HALLWOOD PETROLEUM, INC.

Scale 1" = 50'

RIGGS NO. 1  
790 F/NL & 1220 F/E1  
Sec. 4 T29N R12W N.M.P.M.  
San Juan Co., NM

Contour Int = 1'

