

# RECEIVED

MAY 13 1994

Form C-101

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

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

Revised February 10, 1994

Instructions on back

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 30-045-29118
Property Code 14944	Property Name Riggs	Well No. 2

### 7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	4	29N	12W		1,175	South	1,640	West	San Juan

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

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	4	29N	12W		1,175	South	1,640	West	San Juan

Proposed Pool 1 Basin Fruitland Coal	Proposed Pool 2 5/320
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Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 5,732'
Multiple N	Proposed Depth 1,850'	Formation Pictured Cliffs	Contractor Aztec	Spud Date 5/28/94

### 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: 5/10/94  
Phone: (303) 850-7373

### OIL CONSERVATION DIVISION

Approved by: *Emilio Busch*  
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.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 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	Mutiple 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 mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

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

22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.

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.

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

RECEIVED  
MAY 13 1994

OIL CON. DIV.  
DIST. 3

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

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. 2</b>		
Unit Letter <b>N</b>	Section <b>4</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>NMPM</b>	<b>SAN JUAN</b>			
Actual Footage Location of Well:								
1175 feet from the <b>SOUTH</b> line and			1640 feet from the <b>WEST</b> line					
Ground level Elev. <b>5732</b>		Producing Formation <b>BASAL FRUITLAND</b>		Pool <b>BASIN FRUITLAND COAL</b>		Dedicated Acreage: <b>(±) 320</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

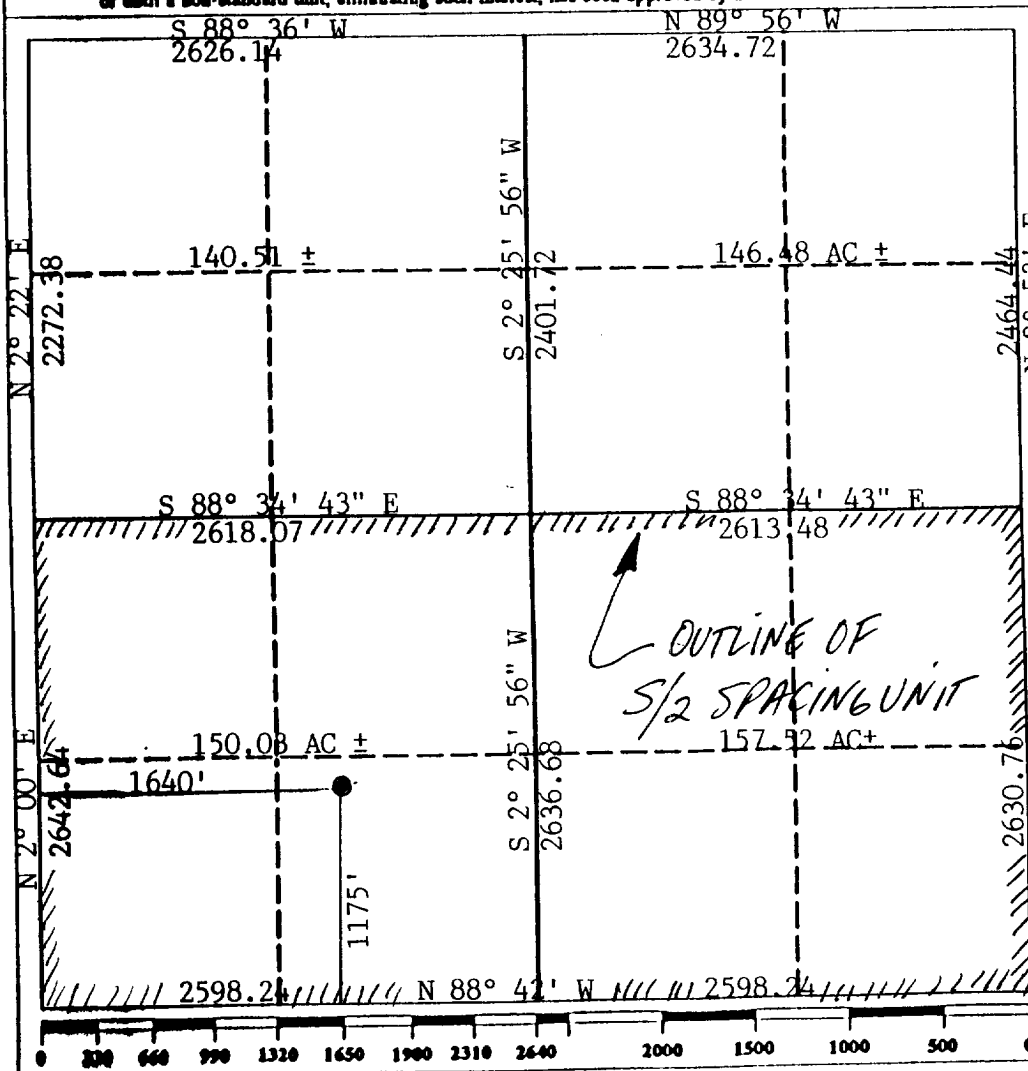
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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 allowable 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

DRILL. & PROD. MANAGER

Company

HALLWOOD PETROLEUM INC.

Date

5/10/94

SURVEYOR CERTIFICATION

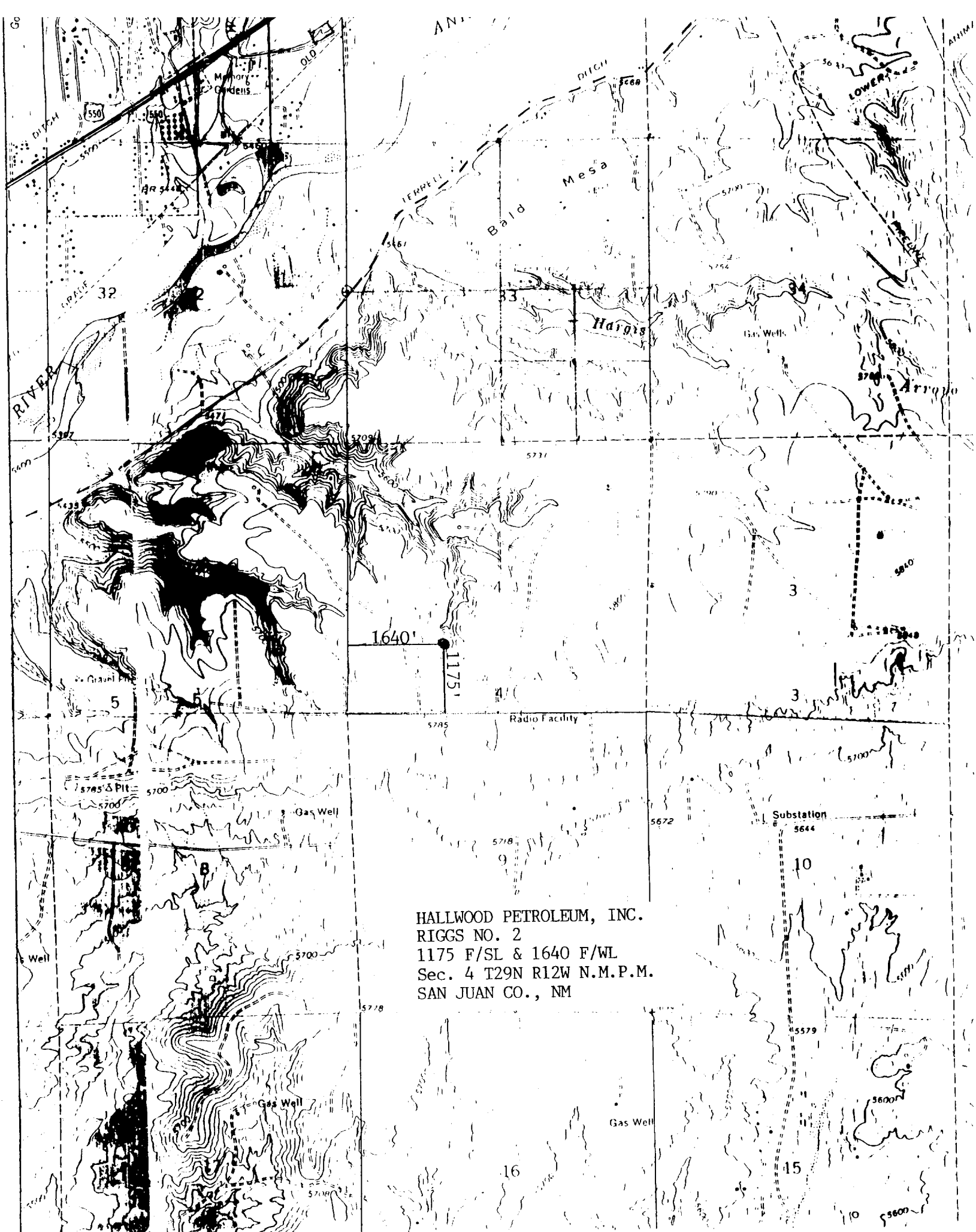
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

May 3, 1994

Signature & Seal of Professional Surveyor

*CECIL B. TULLIS*  
CECIL B. TULLIS  
REGISTERED PROFESSIONAL SURVEYOR  
NEW MEXICO  
8722  
B. Tullis  
PROFESSIONAL



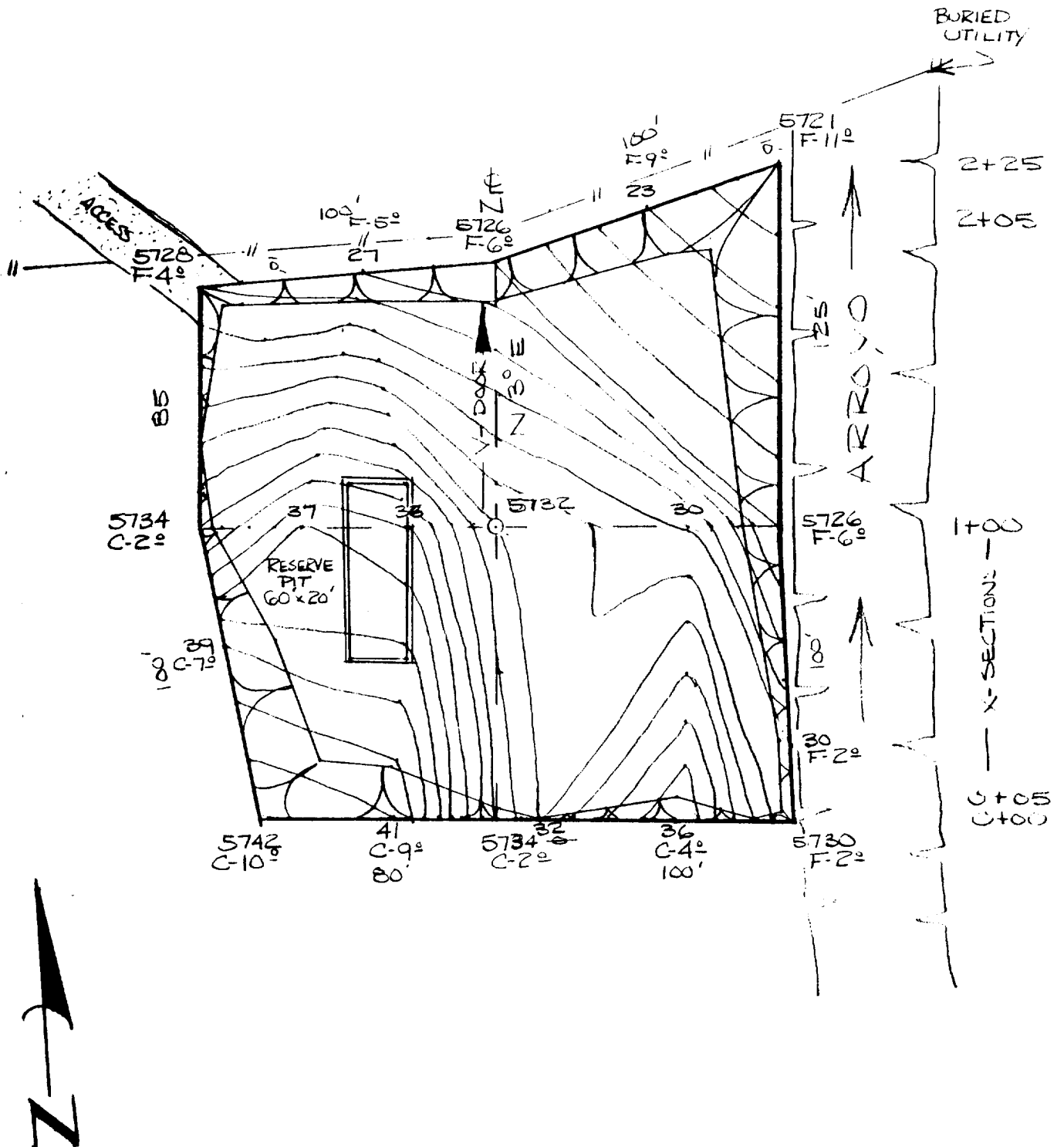
HALLWOOD PETROLEUM, INC.  
RIGGS NO. 2  
1175 F/SL & 1640 F/WL  
Sec. 4 T29N R12W N.M.P.M.  
SAN JUAN CO., NM

HALLWOOD PETROLEUM INC.

Scale 1" = 50'

RIGGS NO. 2  
1175 F/SL & 1640 F/WL  
Sec. 4 T29N R12W N.M.P.M.  
San Juan Co., NM

Contour Int. = 1'



# HALLWOOD PETROLEUM INC.

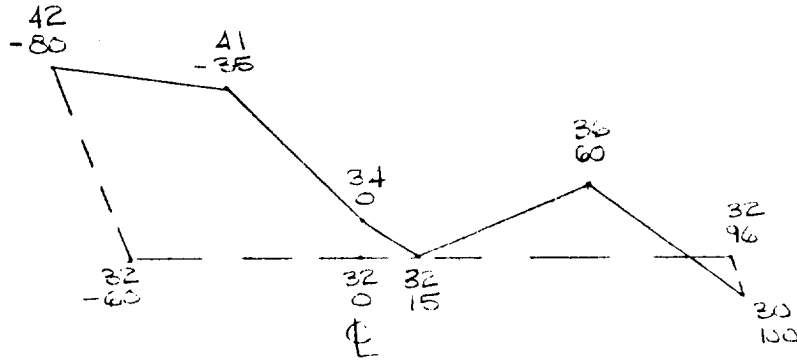
Scale: Horz. 1" = 50'  
Vert. 1" = 10'

RIGGS NO. 2  
1175 F/SL & 1640 F/WL  
Sec. 4 T29N R12W N.M.P.M.  
San Juan Co., NM

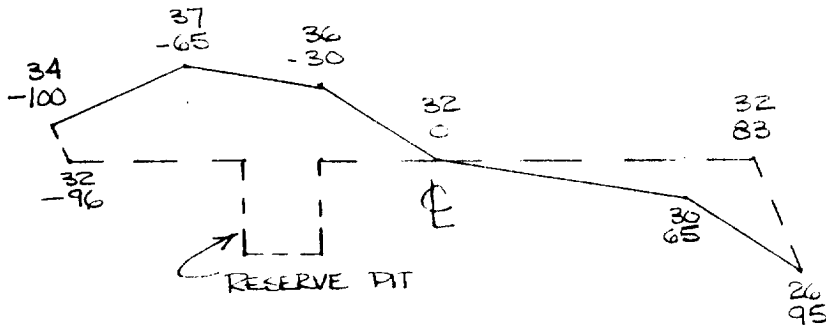
0+00

ZERO CUT/FILL

0+05

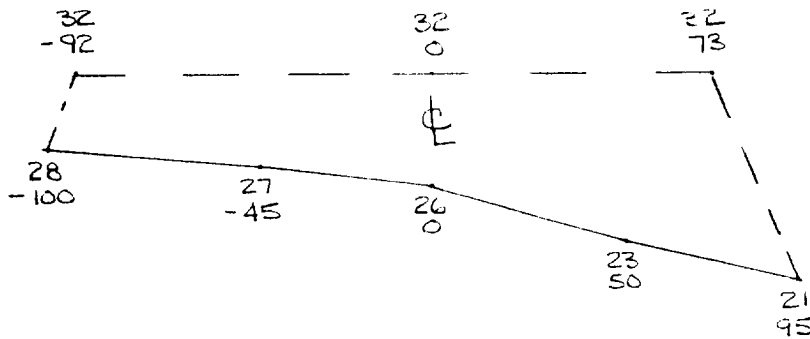


1+00



## X-SECTIONS AND VOLUMES

2+05



2+25

ZERO CUT/FILL

CUT.....2501 CU YDS.  
FILL.....3308 CU YDS.  
PIT EXCAVATION.....222 CU YDS.