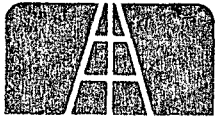
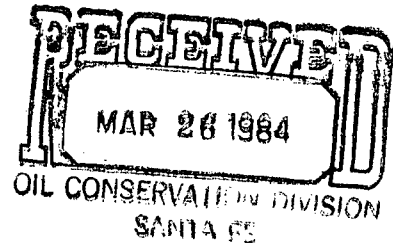


By GPQ



Greenwood
Resources Inc.

315 Inverness Way South
Englewood, CO 80112
303-790-1266
Telex - 45-0429



March 19, 1984

Energy & Minerals Department
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87401

Attn: Mr. Ernie Busch

FEE LAND

Dear Sir:

Greenwood Resources Inc. requests administrative approval for an exception to the well location requirements under Rule 3 of the Cha Cha (Gallup) Pool Rules for an unorthodox location due to topographic reasons, in order to drill our Kirtland No. 14-1 well. The original location for this well was 510' FNL & 510' FEL of Sec 14 T29S R15W; this location fell on the present road used for access to the area and within 20' of a drainage ditch used to drain the area to the north. In conversation with the land owner the location was moved to the only uncultivated area which was 50' northwest from the drainage ditch. All areas to the southwest are cultivated.

It is felt that this location is in the best interest of the land and mineral interests and will also allow the orderly development of this tract with minimum surface interference. Greenwood is the offset operator in all but one direction from this well.

NSL-1865

RULE 104FI

RELEASE APRIL 16, 1984

RE: UNORTHODOX LOCATION
KIRTLAND No. 14-1
Cha Cha (Gallup) Oil Pool
San Juan County, NM
**475' FNL & 510' FEL, SEC. 14,
T29S, R15W**

Energy & Minerals Department
Oil Conservation - Aztec, NM
March 19, 1984
Page 2

Attached, please find S & I's written consent in the form of a waiver for this location.

If you have additional questions on this matter please do not hesitate to contact me. Thank you in advance for your prompt handling of this matter.

Very truly yours,

GREENWOOD RESOURCES INC.

A handwritten signature in cursive script, appearing to read "Poul E. Poulsen".

Poul E. Poulsen
Manager of Engineering

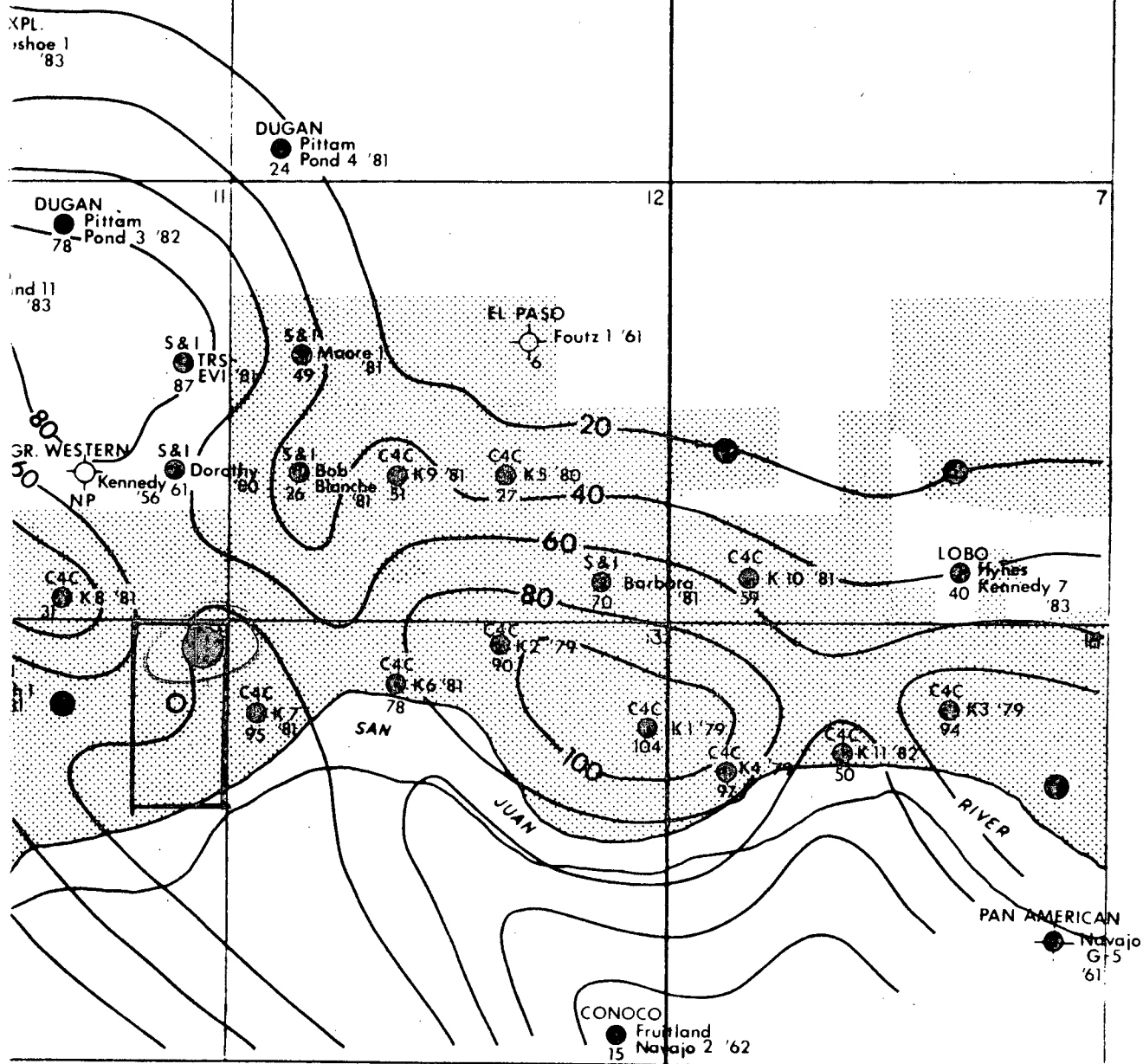
PEP:fjs

Attachments

cc: Joe Ramey, Director
Santa Fe, NM

DUGAN
Pittam
Pond 1
NP '79

SUNRAY
N. Mexico
Fed. K-1
'59

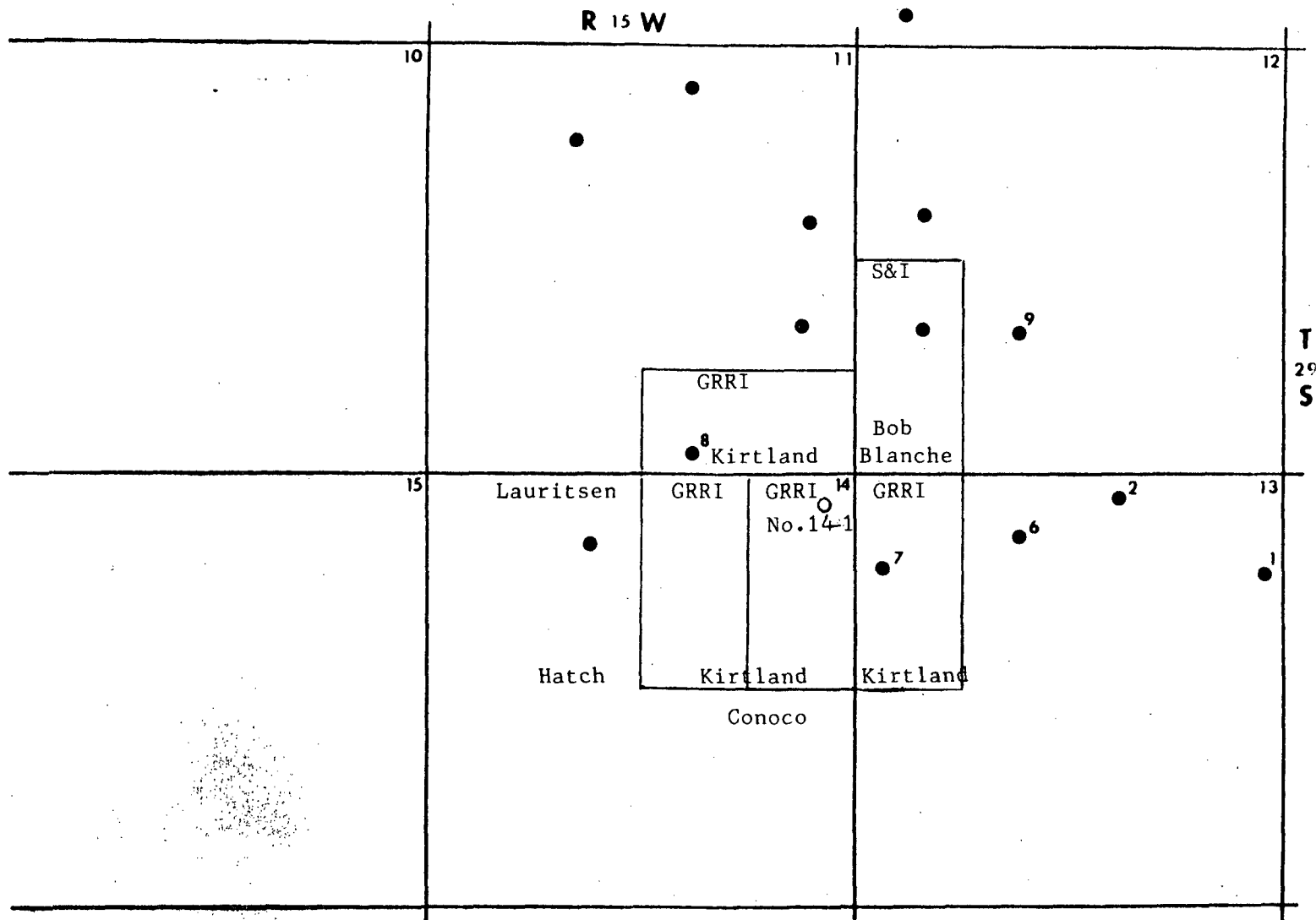


GREENWOOD RESOURCES LTD. Englewood, Colorado

SAN JUAN CO. NEW MEXICO
Cha Cha - Meadows Gallup Trend

ISOPACH MAP

Net Sand - Gallup Interval
Isopach Interval: 20 feet



LOCATION PLAT - KIRTLAND NO. 14-1
San Juan County, New Mexico

GREENWOOD RESOURCES INC. (GRI)
Non-Standard Location Application
Due to Topographic Reasons



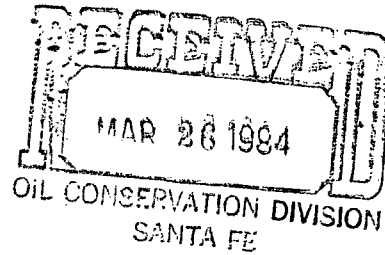
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 3-20-84

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL ☒ _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated 3-19-84
for the Greenwood Resources Inc. Kirtland 14-1 A-14-29N-15W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve:

Yours truly,

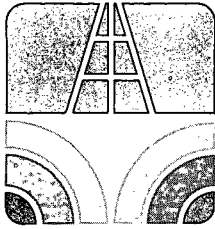
Em Buel

gpg



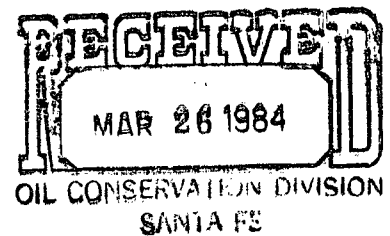
~~Send to Hearing because special
Rules don't have provision for NSL Administrative
approval.~~

~~gpg~~



Greenwood
Resources Inc.

315 Inverness Way South
Englewood, CO 80112
303-790-1266
Telex - 45-0429



March 19, 1984

Energy & Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico

Attn: Mr. Joe Ramey

RE: UNORTHODOX LOCATION
KIRTLAND
Cha Cha (Gallup) Oil Pool
San Juan County, NM

Dear Sir:

Please disregard our application for a Non-Standard Unit on the above well mailed to you on March 15, 1984.

This location is 475' from the north lease line where as the field rules specify 510'. What we should be asking for is an administrative approval under Rule 104 Section F for an Unorthodox Location due to topographic reasons.

I hope that all the data submitted to you in our March 15, 1984, letter for the Unorthodox Location addressed to Mr. Ernie Busch in your Aztec office.

If you have any questions please do not hesitate to contact me.

Very truly yours,

GREENWOOD RESOURCES INC.

Poul E. Poulsen
Manager of Engineering

PEP:fjs

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

Operator GREENWOOD RESOURCES, LTD.			Lease KIRTLAND		Well No. 14-1
Unit Letter A	Section 14	Township 29N	Range 15W	County San Juan	
Actual Footage Location of Well: 475 feet from the North line and 570 feet from the East line					
Ground Level Elev: 5134	Producing Formation Gallup		Pool Cha-Cha		Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Lease Communitized under Fee Lease Pooling Clause, Cha Cha Spacing Un

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 interests, has been approved by the Commission.

RECEIVED
MAR 19 1984
OIL CONSERVATION DIVISION
SANTA FE

Sec.

14

CERTIFICATION

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

Poul E. Poulsen

Name
Poul E. Poulsen

Position
Manager of Engineering

Company
GREENWOOD RESOURCES INC

Date
March 13, 1984

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
March 7, 1984

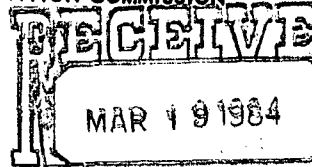
Registered Professional Engineer
and Land Surveyor

Fred B. Kern Jr.
Fred B. Kern Jr.

Certificate No. **4, KERN, JR.**
2050

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION



Form C-101
Revised 1-4-85

5A. Indicate Type of Lease

STATE ☐

FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK SANTA FE

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Kirtland	
2. Name of Operator GREENWOOD RESOURCES INC.		9. Well No. 14-1	
3. Address of Operator 315 Inverness Way South, Englewood, CO 80112		10. Field and Pool, or Wildcat Cha Cha (Gallup)	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>475</u> FEET FROM THE <u>North</u> LINE AND <u>570</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>14</u> TWP. <u>29N</u> RGE. <u>51W</u> NMPM		12. County San Juan	
21. Elevations (Show whether DF, RT, etc.) 5134' GL		19. Proposed Depth 4750'	19A. Formation Gallup
21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Four Corners	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 3-10-84			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2"	8 5/8"	23	330'	275	Circ
7 7/8"	4 1/2"	9.5	4750'	970	Circ

- 1) Drill surface hole to 340'
- 2) Set 8 5/8" 23# ST&C casing @ 340'. Cement with 275 sx Reg. cement with 1/4# flo-seal per sx, 3% CaCl
- 3) Drill 7 7/8" hole to 4750'
- 4) Run GR/Density/Caliper log
- 5) Run 4750' of 4 1/2" 9.5# ST&C casing, DV tool approximately 3095'
- 6) Cement with 970 sx cement in 2 stages, circulate cement

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

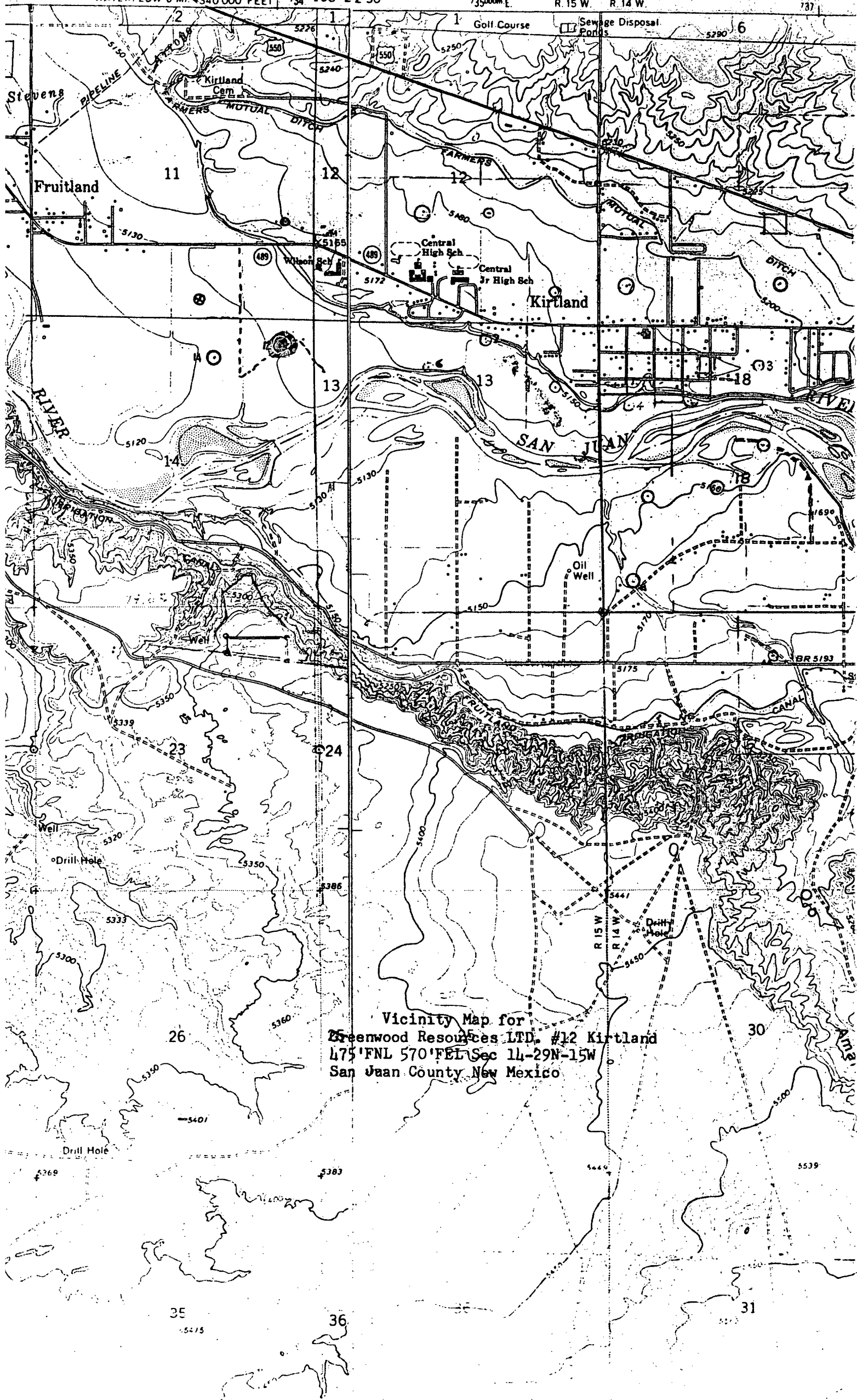
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Boul E Boulton Title Manager of Engineering Date 3-13-84

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Vicinity Map for
Greenwood Resources LTD. #12 Kirtland
475'FNL 570'FEL Sec 14-29N-15W
San Juan County New Mexico