

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1050' N, 215' E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

10 miles from Navajo Dam

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

215'

16. NO. OF ACRES IN LEASE

160.1280

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT.

1500'

19. PROPOSED DEPTH

3102'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160.001520

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6245 6219' GL DRILLING OPERATIONS AUTHORIZED ARE

23. SUBJECT TO COMPLIANCE WITH ATTACHED  
PROPOSED CASING AND CEMENTING PROGRAM  
"GENERAL REQUIREMENTS"

This action is subject to technical and  
procedural review pursuant to 43 CFR 31.13-2  
and appeal pursuant to 43 CFR 31.13-4

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	200'	125 cf. circulated
8 3/4"	7"	20.0#	2888'	910 cf to cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	3102'	do not cement

The Fruitland formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with  
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The NE/4 of Section 34 is dedicated to this well.

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APR 3 1990  
OIL CON. DIV  
DIST. 3

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Drilling Clerk DATE 04-19-88

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

APR 28 1990  
[Signature]  
AREA MANAGER

NJL-2539  
E

NMOCG

\*See Instructions On Reverse Side

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APR 11 1950  
OIL CON. DIV.  
C. 1200

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

Operator <b>Southland Royalty Co.</b>			Lease <b>Hale (SF-079037)</b>		Well No. <b>353</b>
Unit Letter <b>B</b>	Section <b>34</b>	Township <b>31 N</b>	Range <b>8 W</b>	County <b>San Juan</b>	
Actual Footage Location of Wells <b>620</b> feet from the <b>North</b> line and <b>2360</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6245</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin</b>		Dedicated Acreage: <b>320</b> Acres

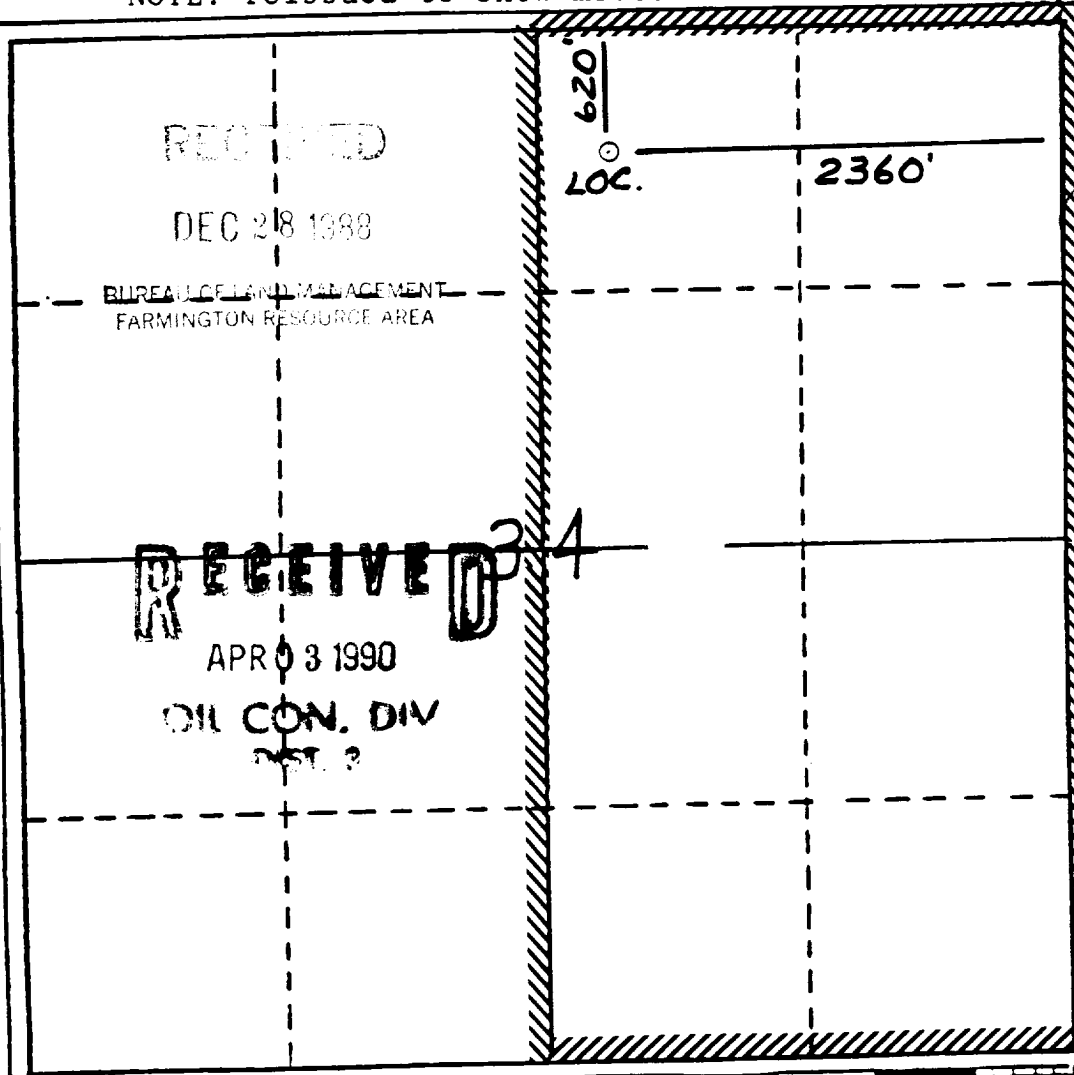
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests 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 interests, has been approved by the Division

NOTE: reissued to show moved location



CERTIFICATION

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

*[Signature]*  
Name \_\_\_\_\_

Drilling Clerk

Position \_\_\_\_\_

Southland Royalty Co.

Company \_\_\_\_\_

*12-23-88*

Date \_\_\_\_\_

*[Signature]*

NEALE C. EDWARDS

NEW MEXICO

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

*[Signature]*

Date Surveyed

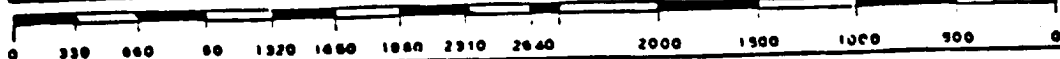
**6-16-88**

Registered Professional Engineer and/or Land Surveyor

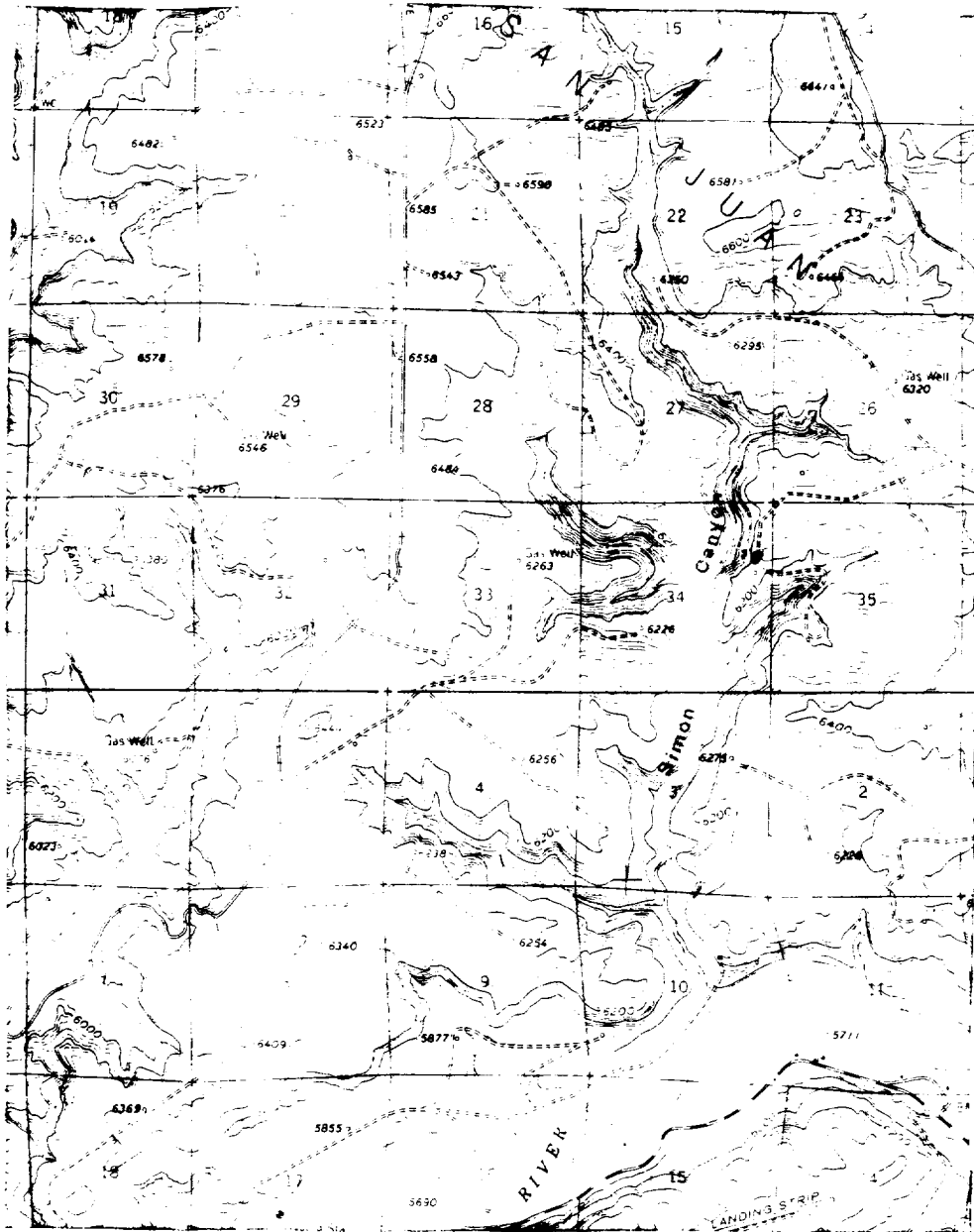
**Neale C. Edwards**

Certificate No.

**6857**



Hale 353  
NE 34-31-8



Map #2

LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS

EXISTING PIPELINES

EXISTING ROAD & PIPELINE

PROPOSED ROADS

PROPOSED PIPELINES

PROPOSED ROAD & PIPELINE

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

August 22, 1988

Southland Royalty Co.  
c/o Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

Attention: Peggy Doak

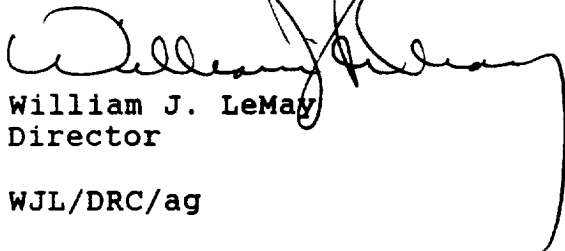
Amended Administrative Order NSL-2539

Dear Ms. Doak:

Reference is made to your application for a non-standard location for your Hale Well No. 353 to be located 620 feet from the North line and 2360 feet from the East line (Unit B) of Section 34, Township 31 North, Range 8 West, NMPM, Undesignated Blanco Fruitland Pool, San Juan County, New Mexico. The NE/4 of said Section 34 shall be dedicated to the well.

By the authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,



William J. LeMay  
Director

WJL/DRC/ag

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington

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AUG 31 1988

OIL CON. DIV  
DIST. 3

*never drilled*



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 7-12-88

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 7-6-88  
for the SOUTHLAND ROYALTY  
MERIDIAN OIL INC. HALE #353 B-34-311-801  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Ed Ruch

**MERIDIAN OIL**

*APPROVE*

July 1, 1988

Mr. William LeMay  
New Mexico Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

This is a request for administrative approval for an unorthodox gas well location in the Undesignated Fruitland Pool. This well was previously staked at 720' from the North line and 2360' from the East line of Section 34, T-31-N, R-8-W, and approved by NSL-2539.

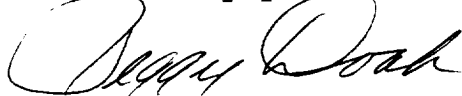
It is now intended to locate the Southland Royalty Company's Hale #353 at 620' from the North line and 2360' from the East line of Section 34, T-31-N, R-8-W, San Juan County, New Mexico.

Extremely rough terrain in the form of steep cliffs makes it impossible to build an orthodox location in the northeast quarter of this section.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Plats showing the proposed well location and the terrain in Section 34, along with an ownership plat, are attached.

Sincerely yours,



Peggy Doak

encl.

WAIVER

\_\_\_\_\_ hereby waives objection to Southland Royalty's application for an unorthodox location for their Hale #353 as proposed above.

By: \_\_\_\_\_

Date: \_\_\_\_\_

cc: Northwest Pipeline

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DIST. 3

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

Operator <b>Southland Royalty Co.</b>			Lease <b>Hale (SF-079037)</b>		Well No. <b>353</b>
Unit Letter <b>B</b>	Section <b>34</b>	Township <b>31 N</b>	Range <b>8 W</b>	County <b>San Juan</b>	
Actual Footage Location of Wells <b>620</b> feet from the <b>North</b> line and <b>2360</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6245</b>	Producing Formation <b>Fruitland Coal</b>	Pool <b>Undesignated</b>		Dedicated Acreage: Acres	

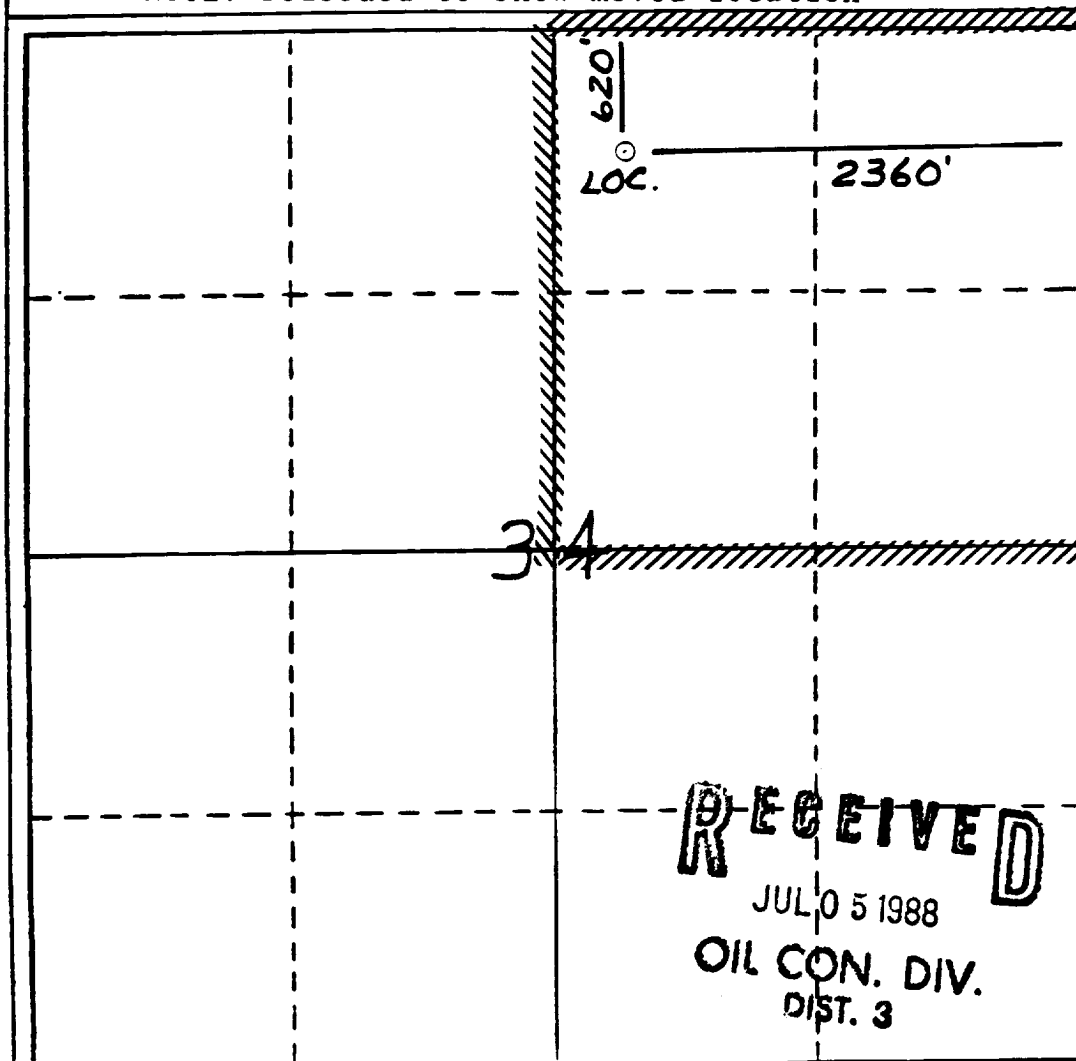
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☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

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

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NOTE: reissued to show moved location



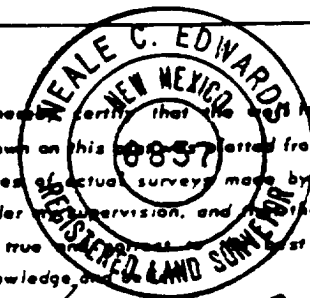
**CERTIFICATION**

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

Name  
**Drilling Clerk**  
Position  
**Southland Royalty Co.**  
Company

Date  
**6-16-88**

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



Date Surveyed  
**6-16-88**  
Registered Professional Engineer and/or Land Surveyor

**Neale C. Edwards**  
Certificate No.  
**6857**

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JUL 0 5 1988  
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DIST. 3



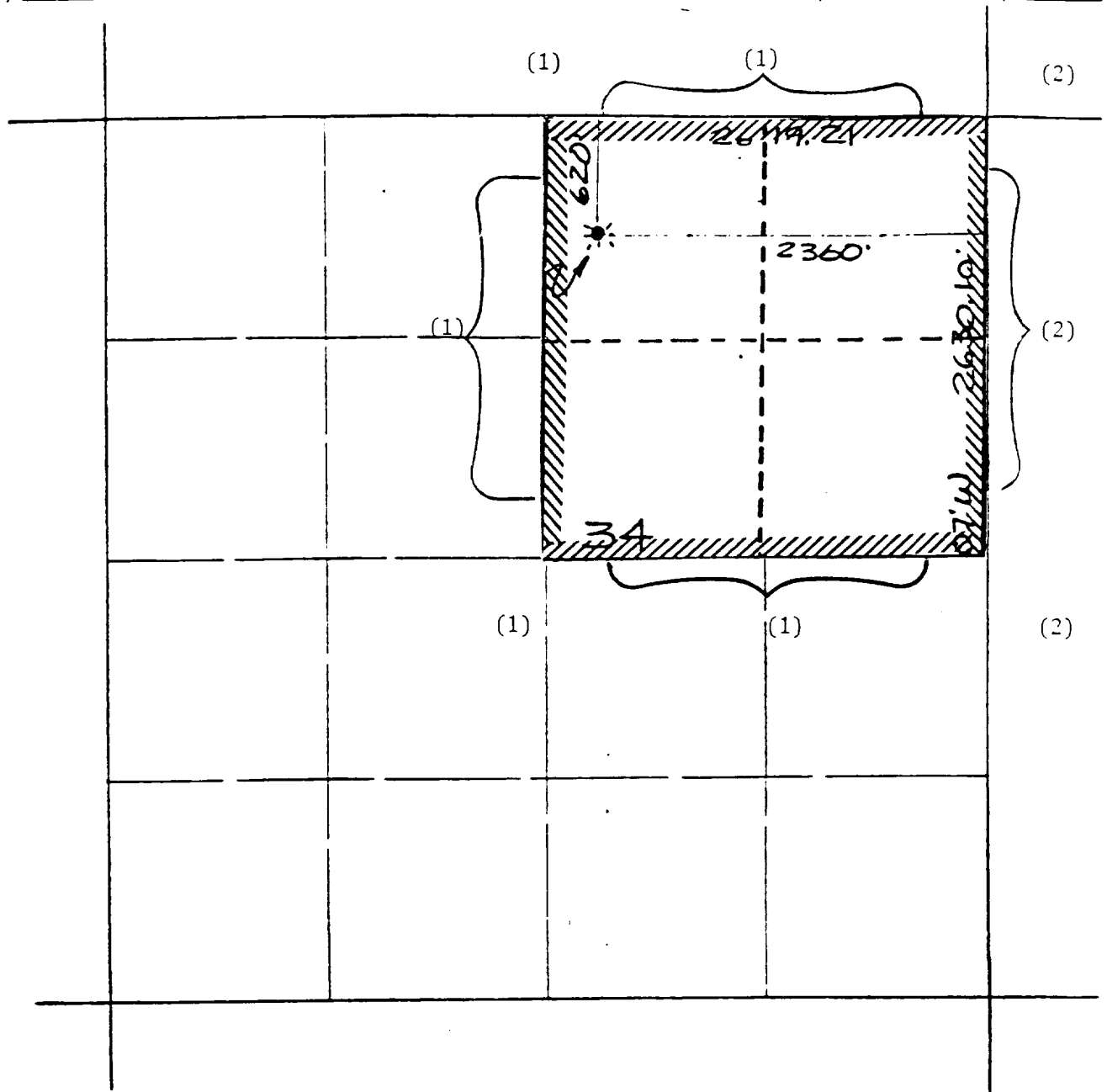
# SOUTHLAND ROYALTY CO.

Well Name Hale #353

Footage----- 620' FNL, 2360' FEL

## APPLICATION FOR NON-STANDARD LOCATION

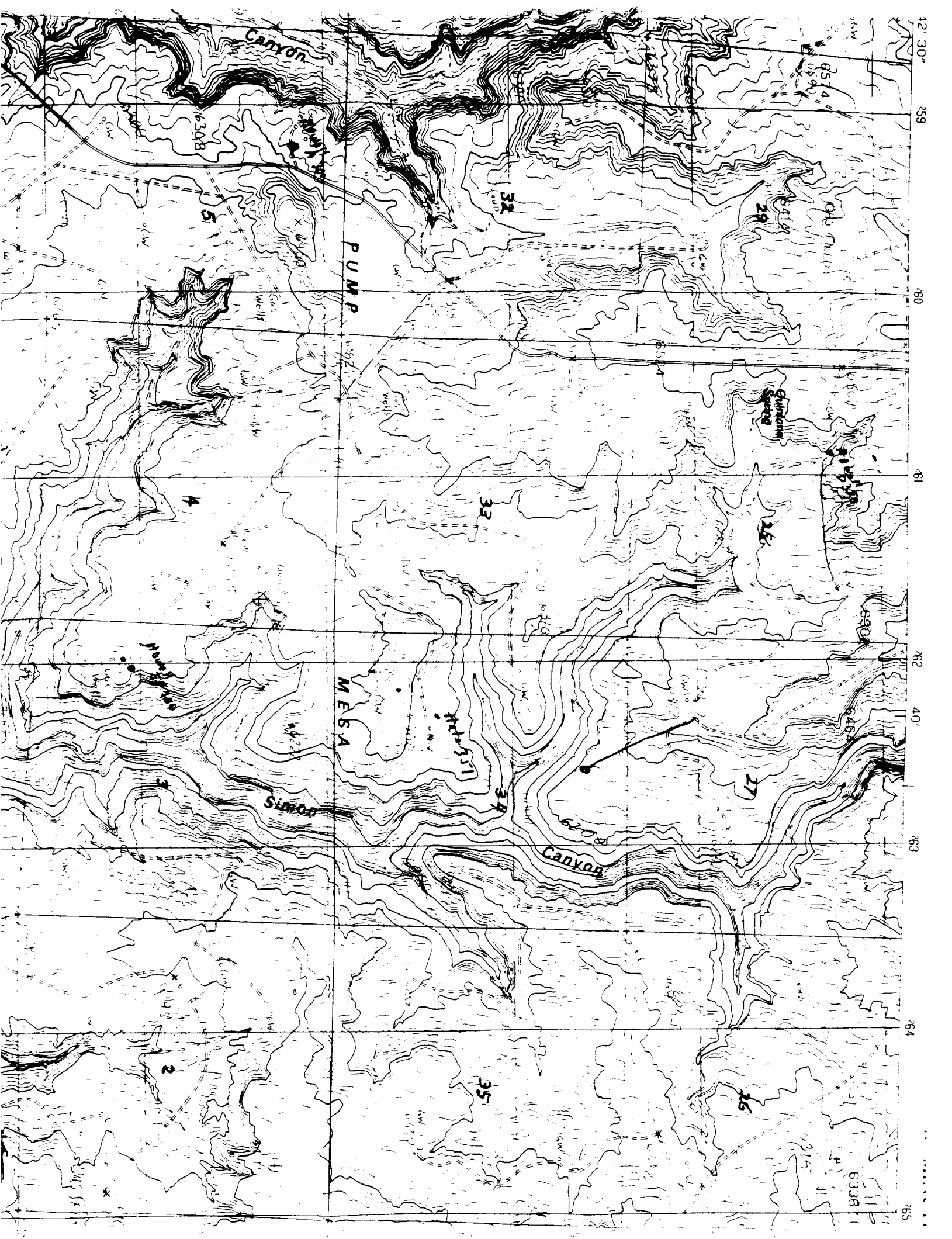
County San Juan State New Mexico Section 34 Township 31N Range 8W



REMARKS: OFFSET OPERATORS:

(1) Southland Royalty Company

(2) Northwest Pipeline Corporation



ARCHUL  
NEW ME.  
7.5 MINUTE S

