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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

36-145-24853

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		HAMPTON	
b. Type of Well		9. Well No.	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		#4M	
2. Name of Operator		10. Field and Pool, or Wildcat	
Southland Royalty Company		Blanco Mesa Verde/ Basin Dakota	
3. Address of Operator		11. Field and Pool, or Wildcat	
P. O. Drawer 570, Farmington, NM 87401		Blanco Mesa Verde/ Basin Dakota	
4. Location of Well		12. County	
UNIT LETTER <u>K</u> LOCATED <u>1750'</u> FEET FROM THE <u>South</u> LINE		San Juan	
AND <u>1590'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>30N</u> RGE. <u>11W</u> NMPM		19. Proposed Depth <u>7210'</u>	
21. Elevations (Show whether DF, RT, etc.) <u>6061' GR</u>		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Four Corners Drlg.		Feb. 19, 1981	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4"	10 3/4"	32.75#	200'	160 cu. ft.	Circ. to Surf.
9 7/8"	7 5/8"	26.4#	4765'	212 cu. ft.	Cover Cliff Hus
6 3/4"	5 1/2"	15.5#	4615'-6800'	491 cu. ft.	Cover Ojo Alam
6 3/4"	5 1/2"	17.0#	6800'-7210'	372 cu. ft.	Circ. Liner

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1250'.

Top of Pictured Cliffs sand is at 2517'.

Fresh water mud will be used to drill from surface to intermediate TD.

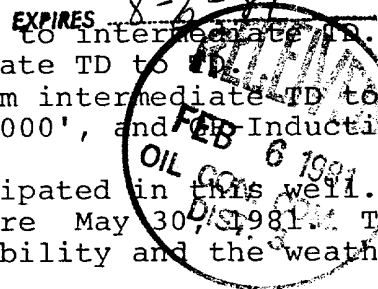
An air system will be used to drill from intermediate TD to surface.

It is anticipated that and IES log will be run from intermediate TD to surface casing, a GR-Density log from intermediate TD to 2000', and GR-Density from TD to intermediate TD.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well will be drilled before May 30, 1981. This depends on time required for approvals, rig availability and the weather.

Gas is dedicated.



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 R. E. Fielder Title District Engineer Date 2-3-81

(This space for State Use)

APPROVED BY Frank J. Chavez TITLE SUPERVISOR DISTRICT # 3 DATE FEB 6 1981

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-71

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

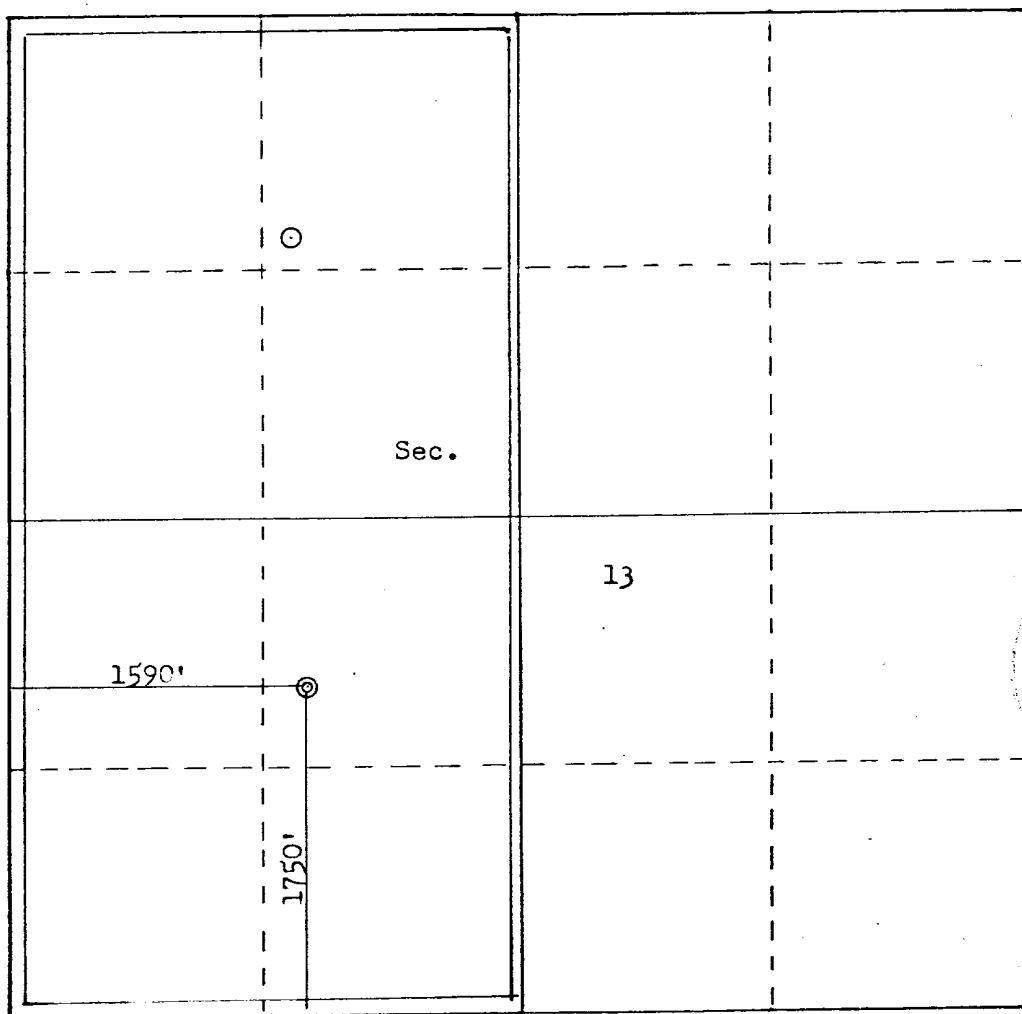
Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>HAMPTON</b>		Well No. <b>LM</b>
Unit Letter <b>K</b>	Section <b>13</b>	Township <b>30N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1750</b> feet from the <b>South</b> line and <b>1590</b> feet from the <b>West</b> line					
Ground Level Elev: <b>6061</b>	Producing Formation <b>Mesa Verde/Dakota</b>		Pool <b>Blanco/Basin</b>		Dedicated Acreage: <b>320</b> Acres

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

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

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.



Scale: 1"=1000'

## CERTIFICATION

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

*R. E. Fielder*

Name

Robert E. Fielder

Position

District Engineer

Company

Southland Royalty Company

Date

January 30, 1981

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

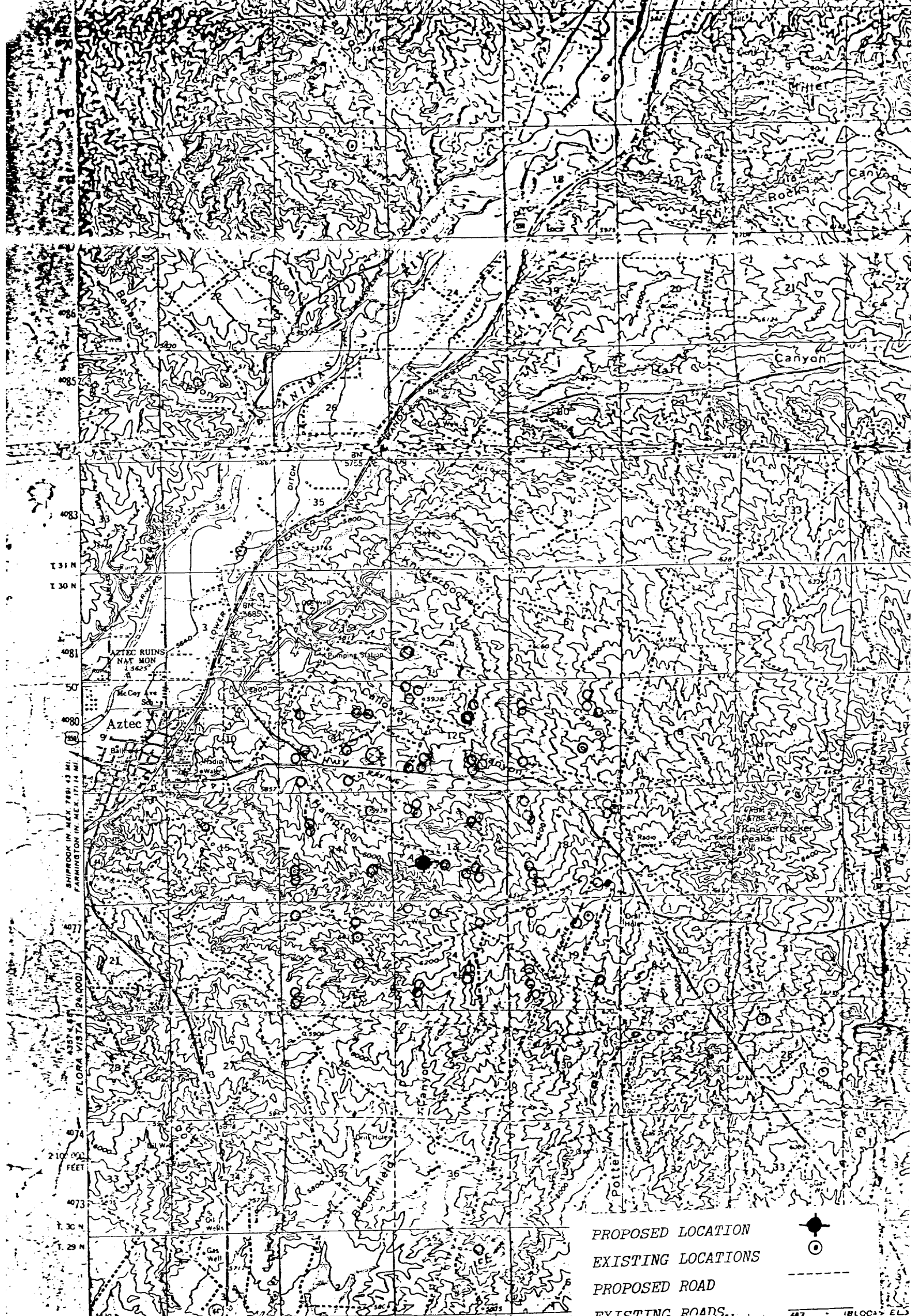
January 5, 1981

Registered Professional Engineer  
and Land Surveyor

*Fred B. Kerr, Jr.*

Certificate No.

3950



PROPOSED LOCATION  
EXISTING LOCATIONS  
PROPOSED ROAD  
EXISTING ROADS



SCALE 1:50,000  
CONTOUR INTERVAL  
100 FEET  
DATUM: 1929

33° 11' N  
124° 00' W

Mapped, edited, and published by  
Control by USGS and USC&GS  
Topography by photogrammetric meth  
photographs taken 1955 Field check  
Polyconic projection 1927 North Am  
10,000 foot grid based on New Mexico coordinate system,  
west zone  
1000 meter Universal Transverse Mercator grid ticks.  
Zone 13 shown in blue  
Red dots indicate areas of interest for geologic study

Vicinity Map for  
SOUTHLAND ROYALTY CO. #LM HAMPTON  
1750' FSL 1590' FWL Sec. 13-T30N-R11W  
SAN JUAN COUNTY, NEW MEXICO

1:50,000  
31 MILES



**Southland Royalty Company**

February 3, 1981

Oil Conservation Division  
Mr. Frank Chavez  
1000 Rio Brazos Road  
Aztec, NM 87410

RE: Blowout Preventer Plan

Dear Mr. Chavez:

All drilling and completion rigs will be equipped with 6" or larger double gate hydraulic blowout preventers and a hydraulic operated closing unit with steel lines.

The preventer is 3000# working pressure and 6000# test pressure.

All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to ensure proper operation.

Sincerely,

SOUTHLAND ROYALTY COMPANY

Robert E. Fielder  
District Engineer

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

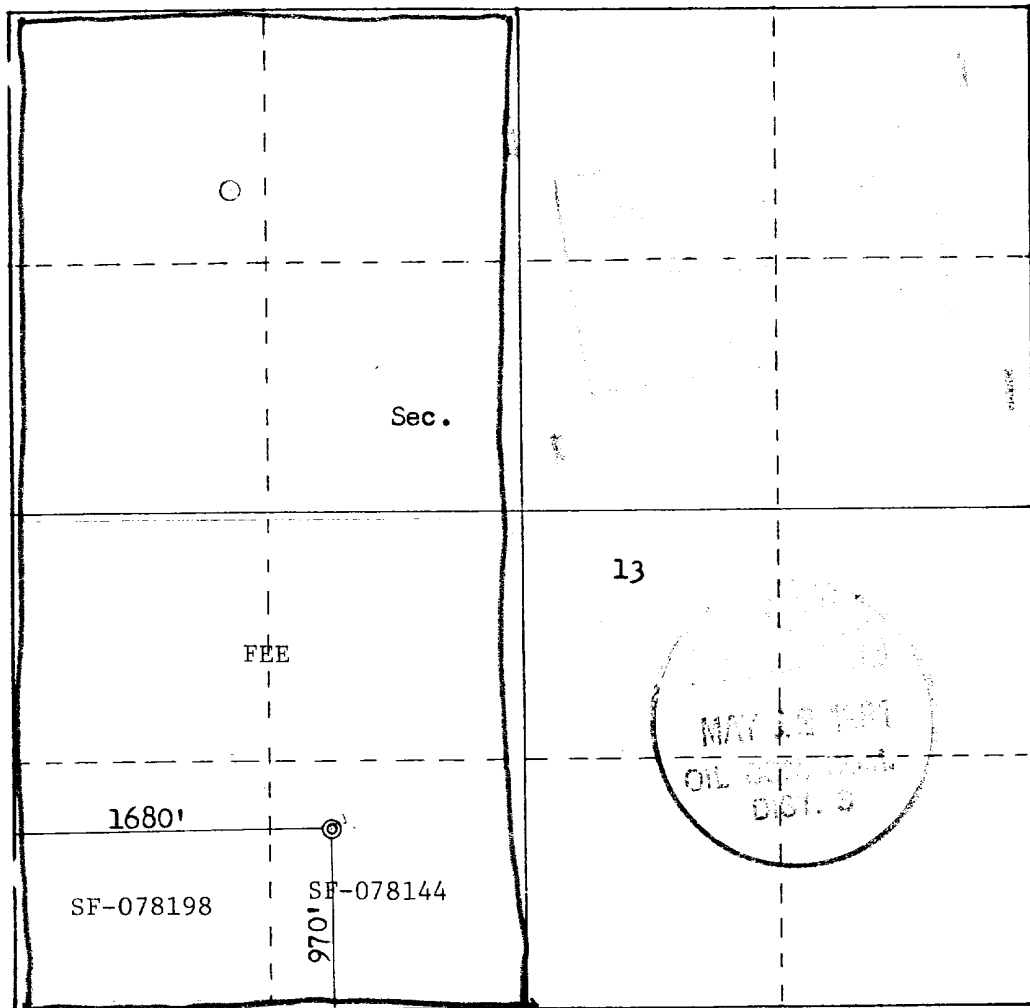
Lessor <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>HAMPTON</b>		Well No. <b>LM</b>
Unit Letter <b>N</b>	Section <b>13</b>	Township <b>30N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>970</b> feet from the <b>South</b> line and <b>1680</b> feet from the <b>West</b> line					
Ground Level Elev: <b>6124</b>	Producing Formation <b>Dak &amp; Mesa Verde</b>		Pool <b>Basin Dakota Blanco MU</b>	Dedicated Acreage: <b>320</b> <sup>317.55</sup> 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 Communitization

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.



Scale: 1"=1000'

CERTIFICATION

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

*R. E. Fielder*

Name  
**Robert E. Fielder**  
Position  
**District Engineer**  
Company  
**Southland Royalty Company**  
Date  
**April 24, 1981**

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  
**April 8, 1981**  
Registered Professional Engineer and Land Surveyor  
*Fred B. Kere Jr.*  
**Fred B. Kere Jr.**  
Certificate No.  
**3950**