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NEW MEXICO OIL CONSERVATION COMMISSION

NOV 22 1983

OIL CON. DIV.  
DIST. 3

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Hawk Federal	
9. Well No.	
2	
10. Field and Pool, or Wildcat	
Basin Dakota	
12. County	
Rio Arriba	
19. Proposed Depth	19A. Formation
8103'	Dakota
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	22. Approx. Date Work will start
7319' GL	December 15, 1983

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
b. Type of Well	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	
2. Name of Operator	
Southland Royalty Company	
3. Address of Operator	
P.O. Drawer 570, Farmington, New Mexico 87499	
4. Location of Well	
UNIT LETTER C	LOCATED 910 FEET FROM THE North LINE
AND 1840 FEET FROM THE West	LINE OF SEC. 35 TWP. 25N RGE. 2W NMPM
19. Proposed Depth	
8103'	
19A. Formation	
Dakota	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	22. Approx. Date Work will start
7319' GL	December 15, 1983

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.30# K-55	400'	250 cu.ft.	Circ. to surface
7-7/8"	5-1/2"	15.50# K-55	7000'	Stge 1:416 cu.ft.	Cvr Gallup
7-7/8"	5-1/2"	17# K-55	8103'	Stge 2:234 cu.ft.	Cvr Cliff House
				Stge 3:158 cu.ft.	Cvr Ojo Alamo

Surface formation is San Jose.

Top of Ojo Alamo sand is at 3133'.

Top of Pictured Cliffs sand is at 3403'.

Fresh water mud will be used to drill from surface to total depth.

It is anticipated that an IEL, GR-CNL/FDC logs will be run from total depth to surface casing.

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

It is expected that this well will be drilled before December 31, 1983.

This depends on time required for approvals, rig availability and the weather.  
Gas is not 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. Fields Title District Engineer Date November 18, 1983

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE NOV 22 1983

CONDITIONS OF APPROVAL, IF ANY:

Hold 109 for 100 - showing completion

NOV 22 1984

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>		Lease <b>HAWK FEDERAL</b>		Well No. <b>2</b>
Unit Letter <b>C</b>	Section <b>35</b>	Township <b>25N</b>	Range <b>2W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>910</b> feet from the <b>North</b> line and <b>1840</b> feet from the <b>West</b> line				
Ground Level Elev. <b>7319' GL</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin</b>	Dedicated Acreage: <b>320</b> 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 in progress

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.

NM-01385	NM-43760
Sec.	
35	
<p style="text-align: center;"><b>RECEIVED</b> NOV 22 1983 OIL CON. DIV. DIST. 3</p>	

Scale: 1"=1000'

CERTIFICATION

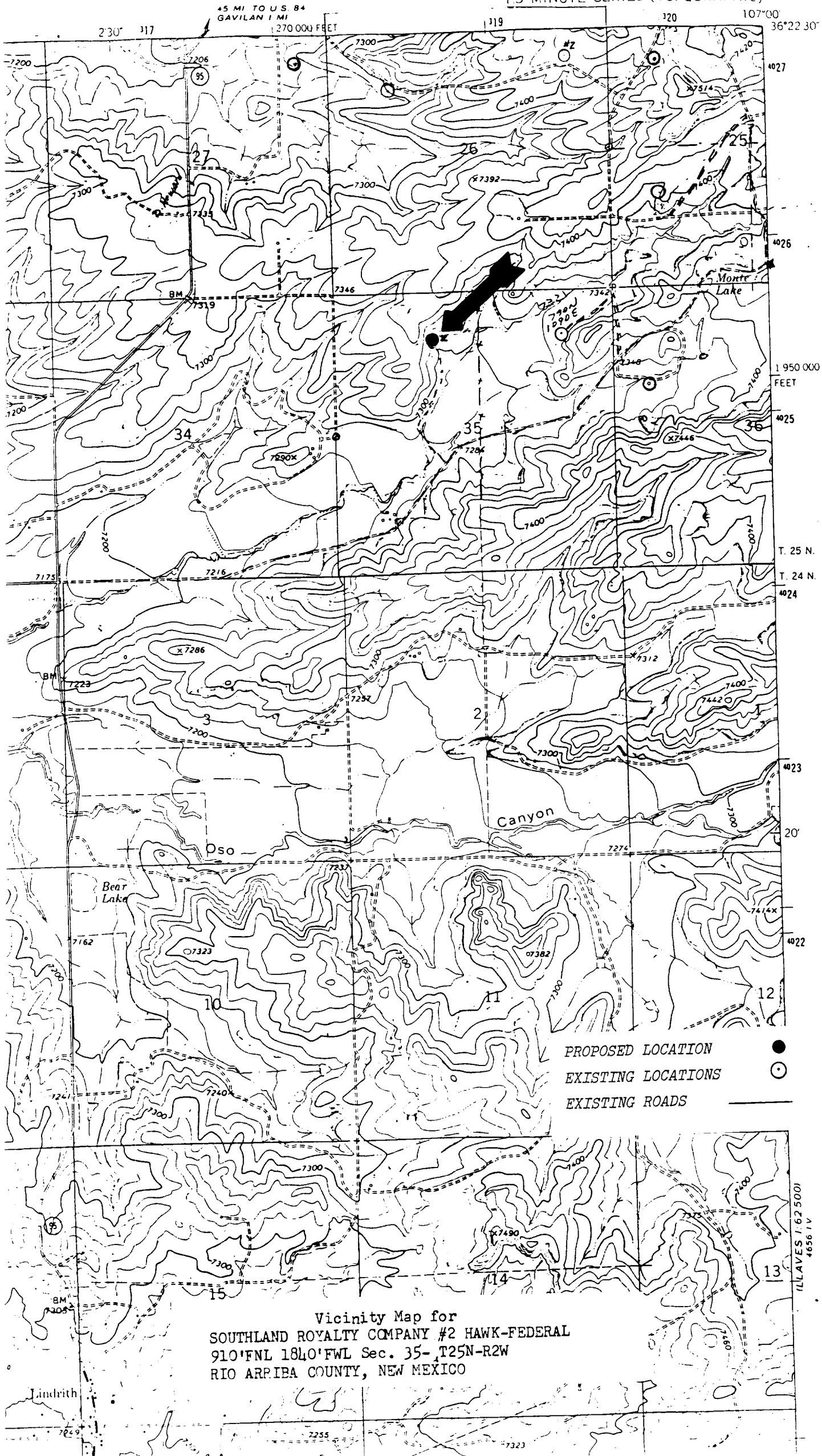
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*R. E. Fielder*

Name  
**R. E. Fielder**  
Position  
**District Engineer**  
Company  
**Southland Royalty Company**  
Date  
**November 11, 1983**

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  
**November 11, 1983**  
Registered Professional Engineer and Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**  
Certificate No. **3950**



Vicinity Map for  
SOUTHLAND ROYALTY COMPANY #2 HAWK-FEDERAL  
910'FNL 1840'FWL Sec. 35- T25N-R2W  
RIO ARPIBA COUNTY, NEW MEXICO