

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25015

5. LEASE DESIGNATION AND SERIAL NO.

SF-077874

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hanks

9. WELL NO.

13-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota  
Blanco Mesa Verde ext11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 12, T27N, R10W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

SOUTHLAND ROYALTY COMPANY

3. ADDRESS OF OPERATOR

P.O. Drawer 570, Farmington, New Mexico 87401

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

At surface

1050' FNL &amp; 1610' FWL

At proposed prod. zone

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

12 miles southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1050'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

700'

16. NO. OF ACRES IN LEASE

2585.94

19. PROPOSED DEPTH

6640'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

226

20. ROTARY OR CABLE TOOLS

Rotary

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

6063' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

GENERALIZED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*

May 1, 1981

23.

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	140 sxs - Circ to surface
7-7/8"	5-1/2"	15.5#	6640' Stge 1	180 sxs - Cover Gallup
			Stge 2	325 sxs - Chacra
			Stge 3	190 sxs - Ojo Alamo

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1167'.

Top of Pictured Cliffs sand is at 1973'.

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

It is anticipated that an IEL and GR-Density log will be run at total depth.

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

It is expected that this well will be drilled before August 1, 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. 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

*R. E. Fielder*

TITLE

District Engineer

DATE

April 6, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

APR 22 1981

JAMES F. SIMS  
DISTRICT ENGINEER

RIMOC

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>HANKS</b>		Well No. <b>13E</b>
Unit Letter <b>C</b>	Section <b>12</b>	Township <b>27N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1050</b> feet from the <b>North</b> line and <b>1610</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5063</b>	Producing Formation <b>Dakota - Mesa Verde</b>		Pool <b>Basin - Blanco</b>		Dedicated Acreage: <b>320 3/4</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 \_\_\_\_\_

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.

1050'

1610'

SF-077874

Sec.

12

APR 23 1981  
OIL CON. COM.  
DIST. 3

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 6, 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

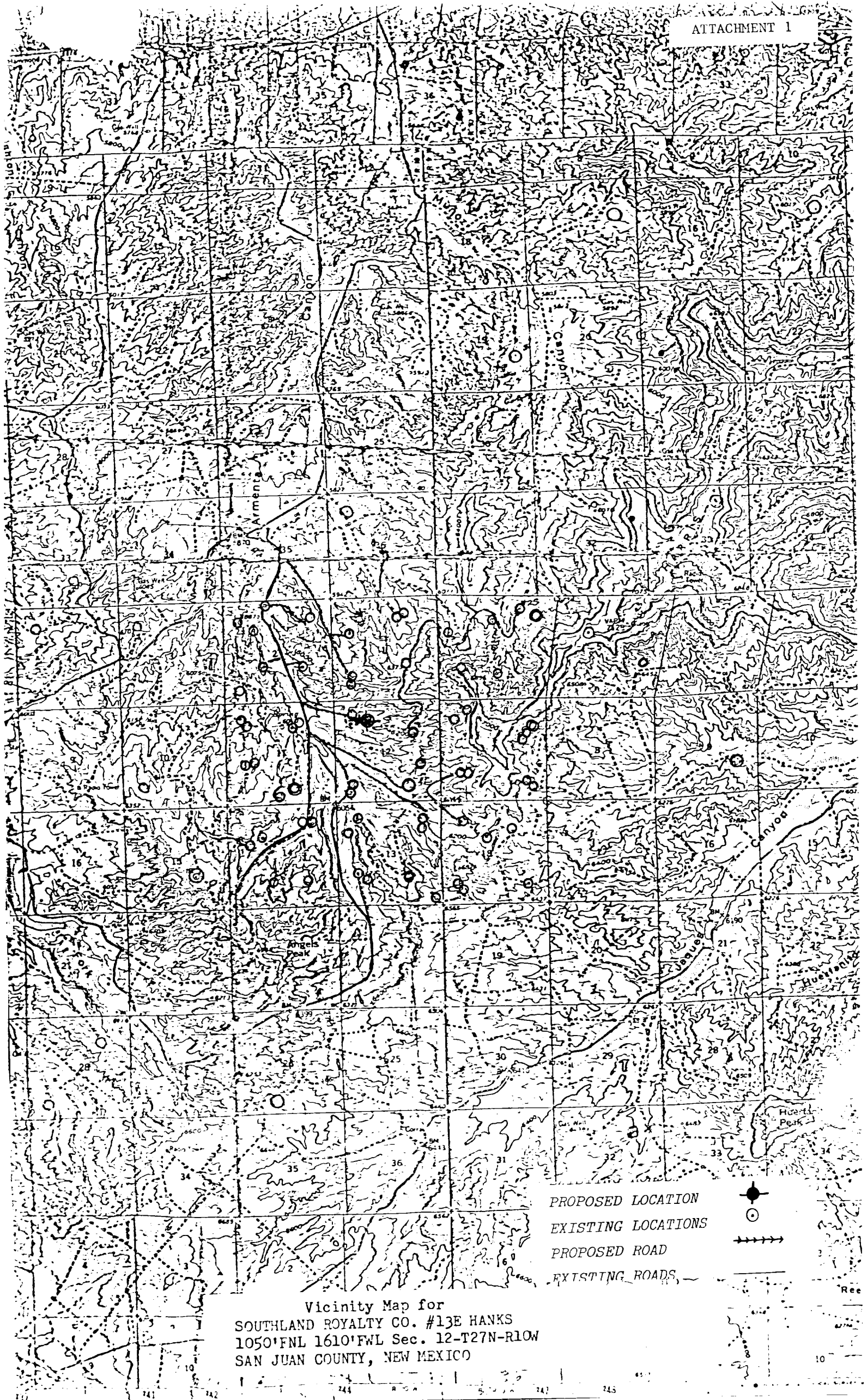
**January 6, 1981**

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*

Certification No. **KERR, JR.**

**3950**



Vicinity Map for  
 SOUTHLAND ROYALTY CO. #13E HANKS  
 1050'FNL 1610'FWL Sec. 12-T27N-R10W  
 SAN JUAN COUNTY, NEW MEXICO