

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25014

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.

18-M

10. FIELD AND POOL, OR WILDCAT

Basin Dakota/Blanco Mesaver

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 5, T27N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

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 State requirements.)

At surface

1610' FSL & 1070' FEL

At proposed prod. zone

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

15 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)

1070'

16. NO. OF ACRES IN LEASE

2585.94

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20 E/319.73.624

18. DISTANCE FROM PROPOSED LOCATION\*

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

500'

19. PROPOSED DEPTH

7105'

20. ROTARY OR CABLE TOOLS

Rotary

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

6466' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLY WITH THE FOLLOWING

22. APPROX. DATE WORK WILL START\*

May 1, 1981

23. GENERAL CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	THIS ACTION IS SUBJECT TO ADMINISTRATIVE appeal pursuant to 30 CFR 290.
12-1/4"	8-5/8"	24#	200'	140 sxs - Circ to surface
7-7/8"	5-1/2"	15.5# & 17.0#	7105' Stg 1	175 sxs - Cover Gallup
			Stg 2	320 sxs - Cover Chacra
			Stg 3	195 sxs - Cover Ojo Alamo

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1634'.

Top of Pictured Cliffs sand is at 2497'.

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

It is anticipated that an IES 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. Filder

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:

ok 3-

APPROVED  
AS AMENDED

APR 22 1981

JAMES F. SIMS  
DISTRICT ENGINEER

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

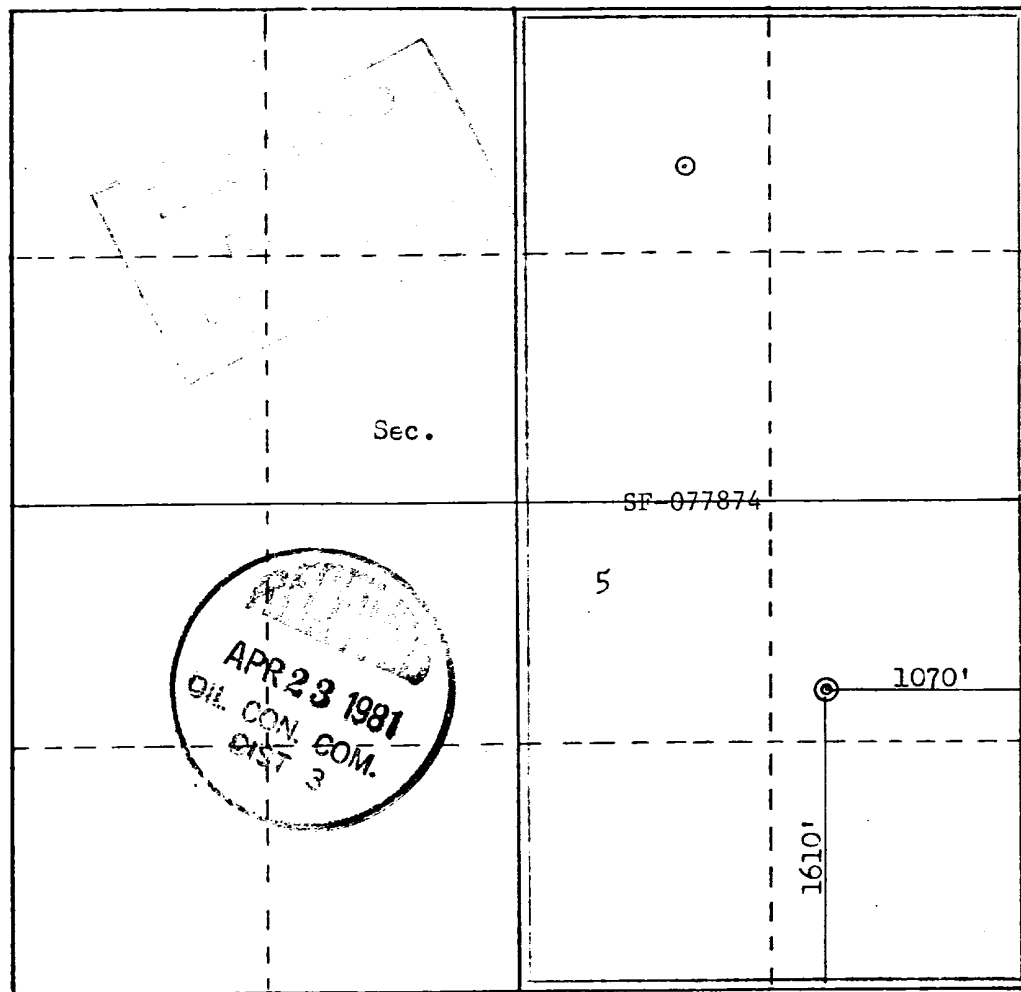
Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>HANKS</b>		Well No. <b>16M</b>
Unit Letter <b>I</b>	Section <b>5</b>	Township <b>27N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1610</b> feet from the <b>South</b> line and <b>1070</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6466</b>	Producing Formation <b>Dakota - Mesa Verde</b>		Pool <b>Basin - Blanco</b>		Dedicated Acreage: <b>320.319.73</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.



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

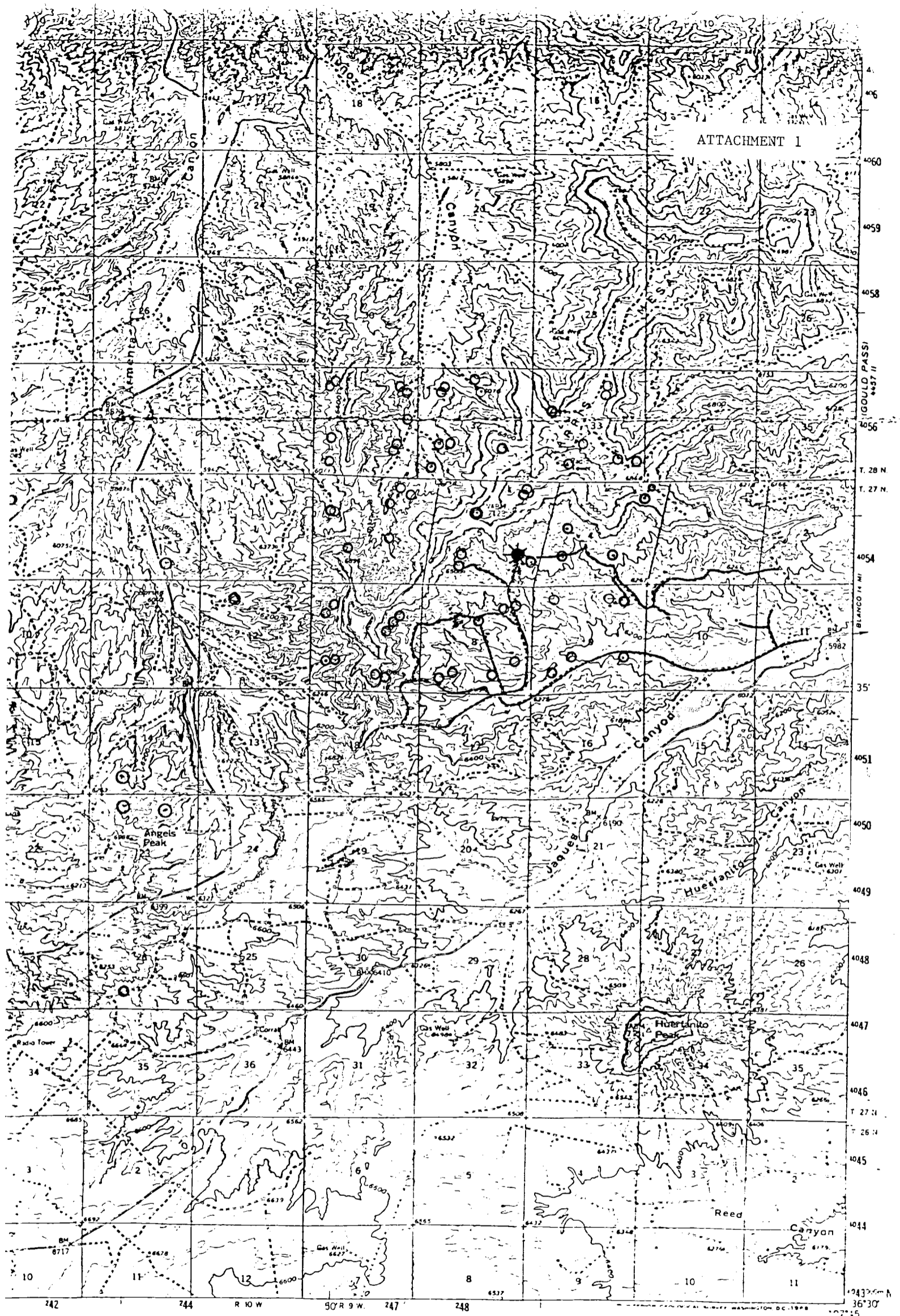
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
January 7, 1981

Registered Professional Engineer  
and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.  
3950



ATTACHMENT 1

Gould Pass  
4457 ft

T. 28 N.  
T. 27 N.

Blanco Canyon  
14 mi

35°

4051

4050

4049

4048

4047

4046

T. 27 N.  
T. 26 N.

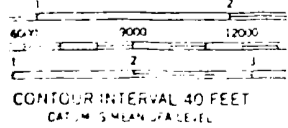
4045

4044

4043

36°30'

SCALE 1:62,500



Vicinity Map for  
SOUTHLAND ROYALTY CO. #18M HANKS  
1610' FSL 1070' FET. Sec. 5-T27N-R9W  
SAN JUAN COUNTY, NEW MEXICO

- Proposed Location
- Existing Locations
- Proposed Road
- Existing Road

BLOOMFIELD, N. MEX.