

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED  
MAY 18 1983  
OIL & GAS DIV.  
DIST. 350-045-25712  
LEASE DESIGNATION AND SERIAL NO.  
LM-33041

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

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐OIL & GAS DIV.  
DIST. 3

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Southland Royalty Company

Jack A. Cole

## 3. ADDRESS OF OPERATOR

P. O. Box 191, Farmington, New Mexico 87499

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

At surface

1850' FSL &amp; 1520' FEL

At proposed prod. zone

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

10 miles Southwest of Farmington, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

800'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2700'

## 16. NO. OF ACRES IN LEASE

320

## 19. PROPOSED DEPTH

6030'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5948' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

May 27, 1983

## 23. GENERAL REQUIREMENTS CEMENTING PROGRAM

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#, K-55	200'	165 cu.ft. (Circulate to surface)
7-7/8"	4-1/2"	10.5#, K-55	6030'	Stge 1: 380 cu.ft. (Cover Gallup)
				Stge 2: 666 cu.ft. (Cover Cliff House)
				Stge 3: 243 cu.ft. (Fruitland)

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 100'.

Top of Pictured Cliffs sand is at 1288'.

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

It is anticipated that and IEL will be run from total depth to surface casing,

GR-Density will be run from total depth to surface casing and CNL 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 June 10, 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. 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

TITLE District Engineer

DATE April 8, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

h5

MAY 18 1983  
  
JAMES F. SIMS  
DISTRICT ENGINEER  
Acting Area Manager

NMCCG

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>HUGH Wash FEDERAL</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>23</b>	Township <b>27N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1520</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5948</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 \_\_\_\_\_

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.

<p><b>RECEIVED</b> APR 11 1983 U. S. GEOLOGICAL SURVEY FARMINGTON, N.M.</p> <p><b>RECEIVED</b> MAY 12 1983 OIL CON. DIV. DIST. 3</p>		Sec.	
		23	
NM-33041		1520'	
		1850'	

Scale: 1"=1000'

CERTIFICATION

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

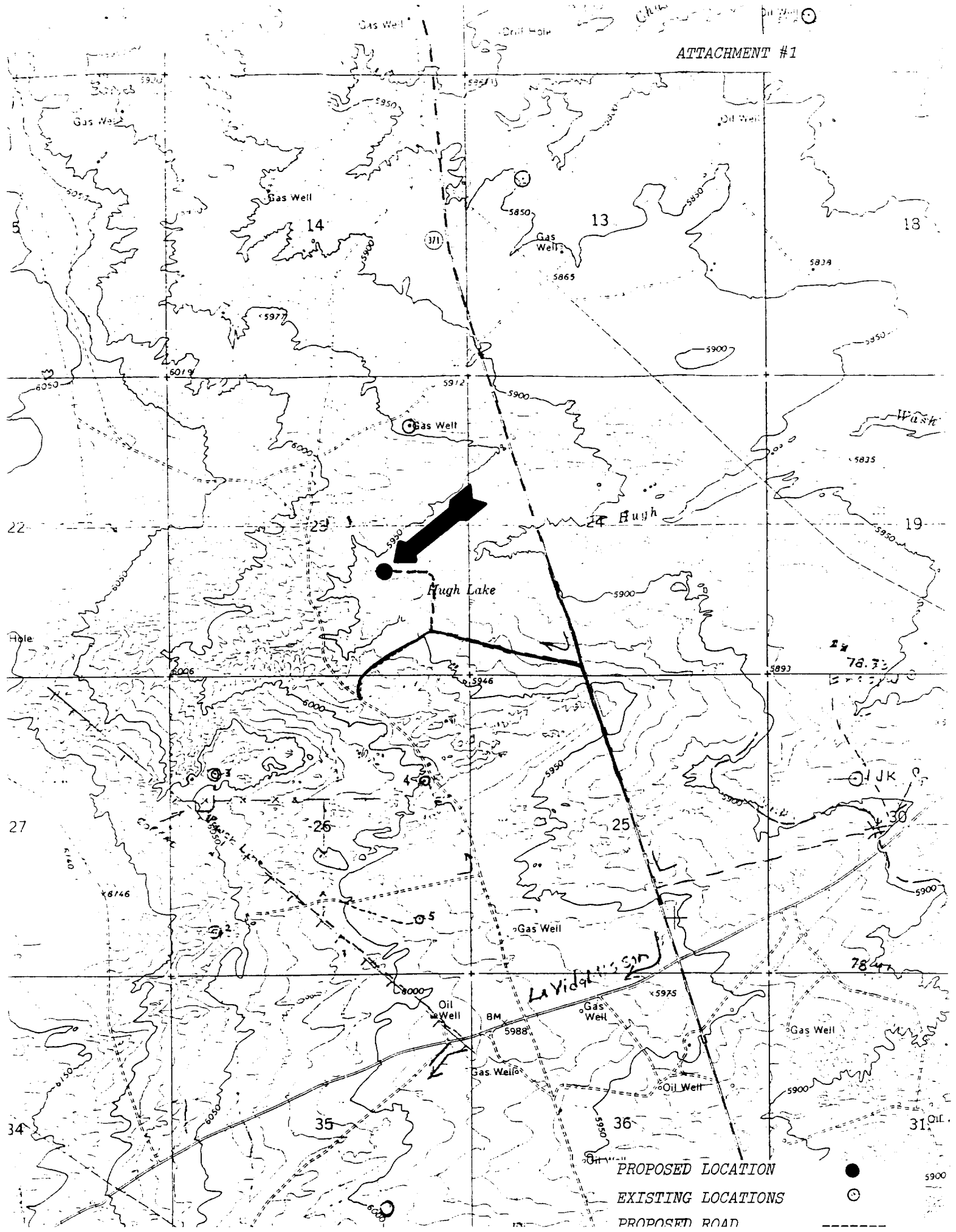
*R. E. Fielder*

Name  
**R. E. Fielder**  
Position  
**District Engineer**  
Company  
**Southland Royalty Company**  
Date  
**April 8, 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  
**March 25, 1983**  
Registered Professional Engineer and Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**  
Certificate No.  
**3950**

ATTACHMENT #1



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
- 
2. NAME OF OPERATOR  
Southland Royalty Company
- 
3. ADDRESS OF OPERATOR  
P. O. Drawer 570, Farmington, NM 87499
- 
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1850' FSL & 1520' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
- 
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO:
- |                                |                          |
|--------------------------------|--------------------------|
| TEST WATER SHUT-OFF            | <input type="checkbox"/> |
| FRACTURE TREAT                 | <input type="checkbox"/> |
| SHOOT OR ACIDIZE               | <input type="checkbox"/> |
| REPAIR WELL                    | <input type="checkbox"/> |
| PULL OR ALTER CASING           | <input type="checkbox"/> |
| MULTIPLE COMPLETE              | <input type="checkbox"/> |
| CHANGE ZONES                   | <input type="checkbox"/> |
| ABANDON*                       | <input type="checkbox"/> |
| (other) <u>Change Operator</u> |                          |

**SUBSEQUENT REPORT OF:**

□ □ □ □ □ □ □

ENT REPORT OF:

**RECEIVED**

MAY 23 1983

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N.H.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

- |   |                         |
|---|-------------------------|
| 5. LEASE<br>MM-33041  |                         |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                    |                         |
| 7. UNIT AGREEMENT NAME  |                         |
| 8. FARM OR LEASE NAME<br>Hugh Wash Federal                              |                         |
| 9. WELL NO.<br>1  |                         |
| 10. FIELD OR WILDCAT NAME<br>Basin Dakota                               |                         |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 23, T27N, R13W |                         |
| 12. COUNTY OR PARISH<br>San Juan  | 13. STATE<br>New Mexico |
| 14. API NO.   |                         |
| 15. ELEVATIONS (SHOW DF, KDB, AND WD)<br>5948' GL                       |                         |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SOUTHLAND ROYALTY COMPANY hereby proposes to change Operator on the subject well to JACK A. COLE, P. O. Box 191, Farmington, NM 87499.

RECEIVED

MAY 24 1983

OIL CON. DIV.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ **DIST. 3** Ft.

18. I hereby certify that the foregoing is true and correct.

18. I hereby certify that the foregoing is true and correct

SIGNED CC Parson District Production Manager DATE May 19, 1983

(This space for Federal or State office use)

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

**\*See Instructions on Reverse Side**

APPROVED  
~~AS AMENDED~~

MAY 2 1983  
JAMES F. Smith  
DISTRICT ENGINEER

NMOCC