

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐2. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐3. NAME OF OPERATOR
Southland Royalty Company4. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 874995. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 940' FSL & 1455' FWL

At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles South of Farmington, New Mexico7. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
940' 760.008. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
900' 6300'9. ELEVATIONS (Show whether DF, RT, GR, etc.)
5808' GL10. DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	New 8-5/8"	24#, K-55	200'
7-7/8"	New 4-1/2"	10.5# & 11.6#, K-55	6300'

5. LEASE DESIGNATION AND SERIAL NO.

SF-0468128

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hagood

9. WELL NO.

4E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 34, T29N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

June 15, 1984

This action is subject to administrative

appeal pursuant to 30 CFR 230.

QUANTITY OF CEMENT

165 cu.ft. (Circulate to surface)

Stg 1: 459 cu.ft. (Cover Gallup)

Stg 2: 407 cu.ft. (Cover Cliff House)

Stg 3: 192 cu.ft. (Cover Fruitland)

Surface formation is Nacimiento.

Top of Fruitland sand is at 1240'.

Top of Pictured Cliffs sand is at 1545'.

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

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

FDC/CNL will be run from total depth to 1000'.

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

It is expected that this well will be drilled before July 1, 1984.

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 _____ DATE May 22, 1984

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

JUN 01 1984

John L. Lucker
ASST AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

Operator SOUTHLAND ROYALTY COMPANY			Lease HAGOOD		Well No. 4E
Unit Letter N	Section 34	Township 29N	Range 13W	County San Juan	
Actual Footage Location of Well: 940 feet from the South line and 1455 feet from the West line					
Ground Level Elev: 5808' GL	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

SF 0468128	Sec.	1455'	940'	34	RECEIVED MAY 23 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA

Scale: 1"=1000'

CERTIFICATION

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

Name
C. Terry Hobbs
Position
District Engineer
Company
Southland Royalty Company
Date
May 22, 1984

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
December 13, 1983
Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.
Certificate No. 3950

INSERT

LARGE FORMAT

HERE