

30-045-25873

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []
b. TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR Southland Royalty Company

3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1620' FNL & 1010' FEL At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR VILLAGE TO PROPOSED LOCATION 8 Miles South of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1010'

16. NO. OF ACRES IN LEASE 1121.76
17. NO. OF ACRES ASSIGNED TO THIS WELL E-320

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000'
19. PROPOSED DEPTH 6720'

20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6211' GL
22. APPROX. DATE WORK WILL START February 29, 1984

23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes stages 1, 2, and 3 with cement volumes.

JAN 27 1984 OIL CON. DIV. DIST. 3

Surface formation is Nacimiento. Top of Ojo Alamo sand is at 770'. Top of Pictured Cliffs sand is at 1968'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and GR-Density 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 March 31, 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 [Signature] TITLE District Engineer

(This space for Federal or State office use) PERMIT NO. APPROVAL DATE

APPROVED BY [Signature] TITLE CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO. SF-078872-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Hillside
9. WELL NO. 1E
10. FIELD AND POOL, OR WILDCAT Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 9, T27N, R11W
12. COUNTY OR PARISH San Juan
13. STATE New Mexico

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

AS AMENDED stamp with date JAN 25 1984 and signature of AREA MANAGER.

OIL CONSERVATION DIVISION

P. O. BOX 2048

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.

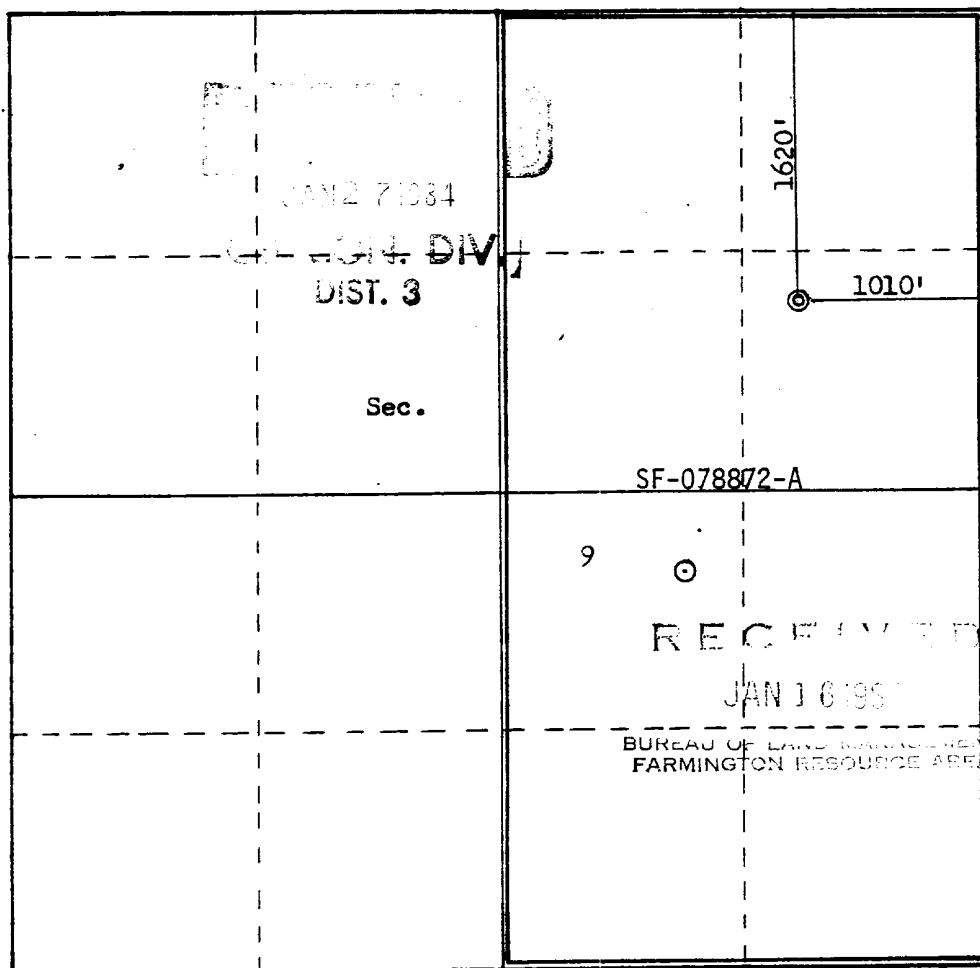
Operator: SOUTHLAND ROYALTY COMPANY			Lease HILLSIDE		Well No. 1E
Unit Letter H	Section 9	Township 27N	Range 11W	County San Juan	
Actual Footage Location of Well: 1620 feet from the North line and 1010 feet from the East line					
Ground Level Elev: 6211' GL	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 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.



CERTIFICATION

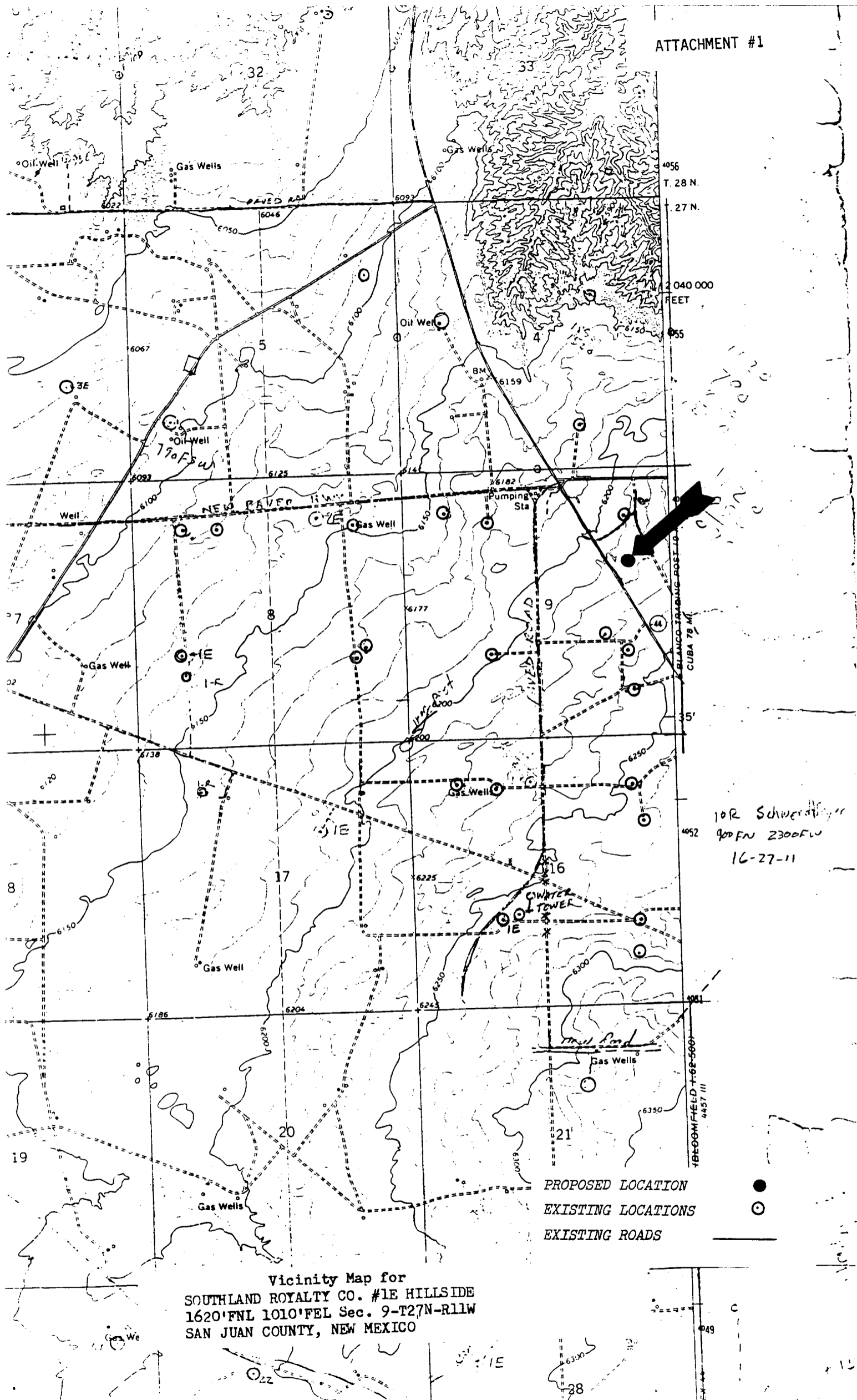
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. E. Fielder

Name
R. E. Fielder
Position
District Engineer
Company
Southland Royalty Company
Date
January 11, 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 1, 1983
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. **3950**



10R Schwerdtfeger
 900'FN 2300'FLW
 16-27-11

PROPOSED LOCATION ●
 EXISTING LOCATIONS ○
 EXISTING ROADS - - -

Vicinity Map for
 SOUTHLAND ROYALTY CO. #1E HILLSIDE
 1620'FNL 1010'FEL Sec. 9-T27N-R11W
 SAN JUAN COUNTY, NEW MEXICO