

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 87499

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

At surface
1055' FSL & 790' FWL

At proposed prod. zone

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

10 Miles North of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

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

600'

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

19. PROPOSED DEPTH
3724'

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

7318' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAM

23.

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. (Circ to surface)
7-7/8"			3500'	
6-3/4"	2-7/8"	6.5#, J-55	3500'-3724'	589 cu.ft. (Cover Nacimiento)

Surface formation is San Jose.

Top of Ojo Alamo sand is at 3235'.

Top of Pictured Cliffs sand is at 3530'.

Fresh water mud will be used to drill from surface to Total Depth.

It is anticipated that an IEL will be run from Total Depth to Surface Casing and a

GR-Density 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 July 15, 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

R. E. Fuldner

TITLE District Engineer

DATE May 9, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED
JUN 13 1983
OIL CON. DIV.

APPROVED
AS AMENDED

JUN 04 1983
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

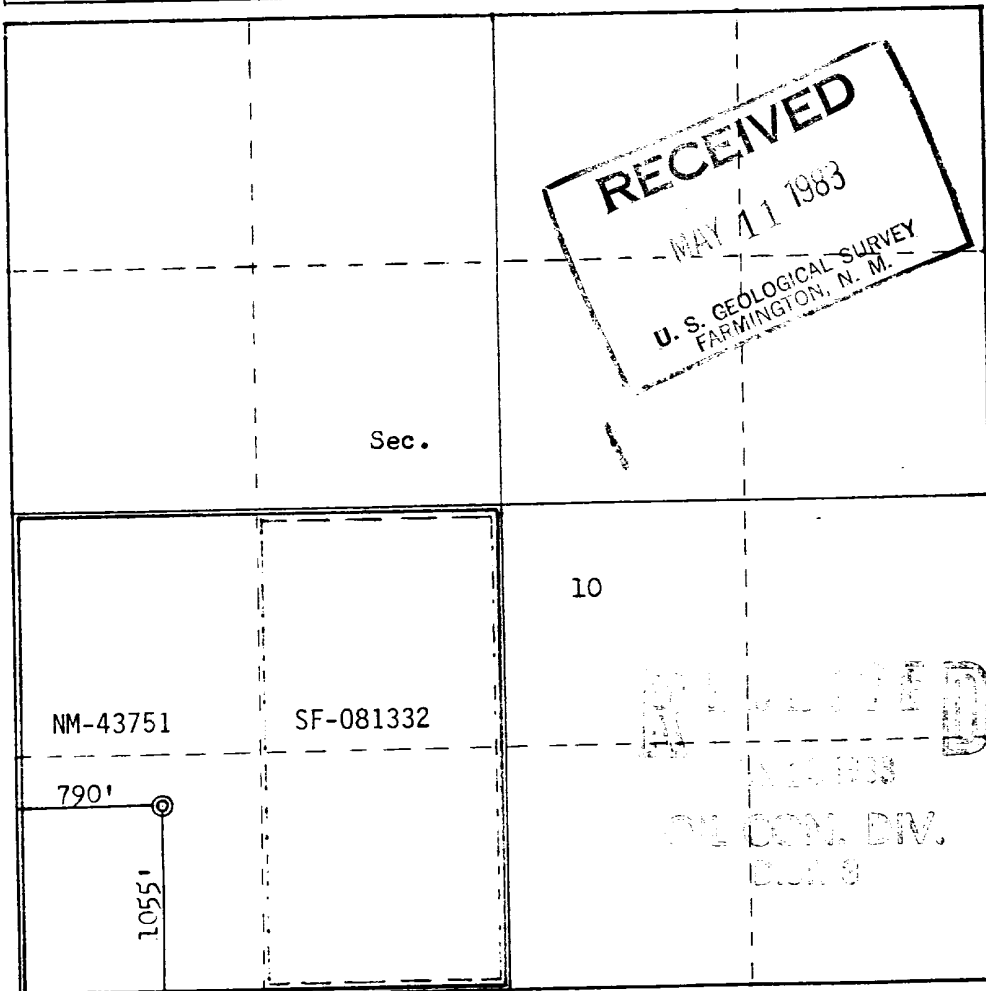
Operator SOUTHLAND ROYALTY COMPANY			Lease DAVIS FEDERAL		Well No. 1
Unit Letter M	Section 10	Township 25N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 1055 feet from the South line and 790 feet from the West line					
Ground Level Elev. 7318	Producing Formation 1		Pool 1	Dedicated Acreage 160	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 Communitization

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

R. E. Fielder

Position
District Engineer

Company
Southland Royalty Company

Date

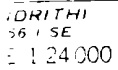
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 19, 1983

Registered Professional Engineer
and Land Surveyor

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

Certificate No. 3950



Vicinity Map for
SOUTHLAND ROYALTY COMPANY #1 DAVIS FEDERAL
1055'FSL 790'FWL Sec. 10-T25N-R2W
RIO ARRIPEA COUNTY, NEW MEXICO

QUADRANGLE LOCATION

FOR INFORMATION: 1. THIS DOCUMENT IS AVAILABLE IN REQUEST
2. THIS DOCUMENT IS AVAILABLE IN REQUEST

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: 1055' FSL & 790' FWL
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 ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

(other) Spud & Casing Report

RECEIVED

NOV 02 1983

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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE
NM-43751
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Davis Federal
9. WELL NO.
1
10. FIELD OR WILDCAT NAME
Gavilan Pictured Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 10, T25N, R2W
12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)

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.)*

10-31-83 Spudded 12-1/4" surface hole at 3:45 PM 10-31-83 and drilled to a total depth of 245'.

Ran 5 joints (225') of 8-5/8", 24#, K-55 casing set at 237'. Cemented with 165 cu.ft. of Class "B" with 1/4# celloflake per sack and 3% CaCl₂. Plug down at 12:01 AM 11-01-83. Cement circulated to surface.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Cathy Grayson TITLE Secretary DATE November 1, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

NOV 04 1983

FARMINGTON RESOURCE AREA

BY Sm

NMOCC