

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-24996

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
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface 840' FSL & 1800' FWL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 16 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)
 840
 16. NO. OF ACRES IN LEASE
 160
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 320
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A
 19. PROPOSED DEPTH
 6660'
 20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6463' GR
 22. APPROX. DATE WORK WILL START*
 April 15, 1981
 23. PROPOSED CASING AND CEMENTING PROGRAM
 DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL RECOMMENDATIONS"

5. LEASE DESIGNATION AND SERIAL NO.
 NM-28759
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Federal 12
 9. WELL NO.
 14
 10. FIELD AND POOL, OR WILDCAT
 Basin Dakota
 Gallegos Gallup
 11. SEC., T.P.R., M., OR B.L.R. AND SURVEY OR AREA
 Sec. 12, T26N, R11W
 12. COUNTY OR PARISH
 San Juan
 13. STATE
 New Mexico

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	140 sxs - Circ. to surface
7-7/8"	5-1/2"	15.5#	6660' Stg 1	175 sxs - Cover Gallup
			Stg 2	335 sxs - Cover Cliff House
			Stg 3	320 sxs - Cover Ojo Alamo

Surface formation is Nacimiento.
 Top of Ojo Alamo sand is at 980'.
 Top of Pictured Cliffs sand is at 1904'.
 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 May 15, 1981. 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. Fielder TITLE District Engineer DATE March 24, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

OK 3-

NMOCC

APPROVED
AS AMENDED
APR 15 1981
JAMES F. SIMS
DISTRICT ENGINEER

RECEIVED
APR 16 1981
OIL CON. COM.
DIST. 3

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 FEDERAL 12		Well No. 14
Unit Letter N	Section 12	Township 26N	Range 11W	County San Juan	
Actual Footage Location of Well: 840 feet from the South line and 1800 feet from the West line					
Ground Level Elev. 6463	Producing Formation Dakota - Gallup		Pool Basin - Gallegos		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 communitized

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.

Name R. E. Fisher
 Position District Engineer
 Company Southland Royalty Company
 Date March 24, 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 February 19, 1981
 Registered Professional Engineer and Land Surveyor

 Certificate No. 3950

Thriftway
Station

ATTACHMENT #1

35

Kutz Bañlands

W
SE to turnoff

Hwy #44

2

1

INTERIOR
EY

11

12

57'30"

R. 11 W.

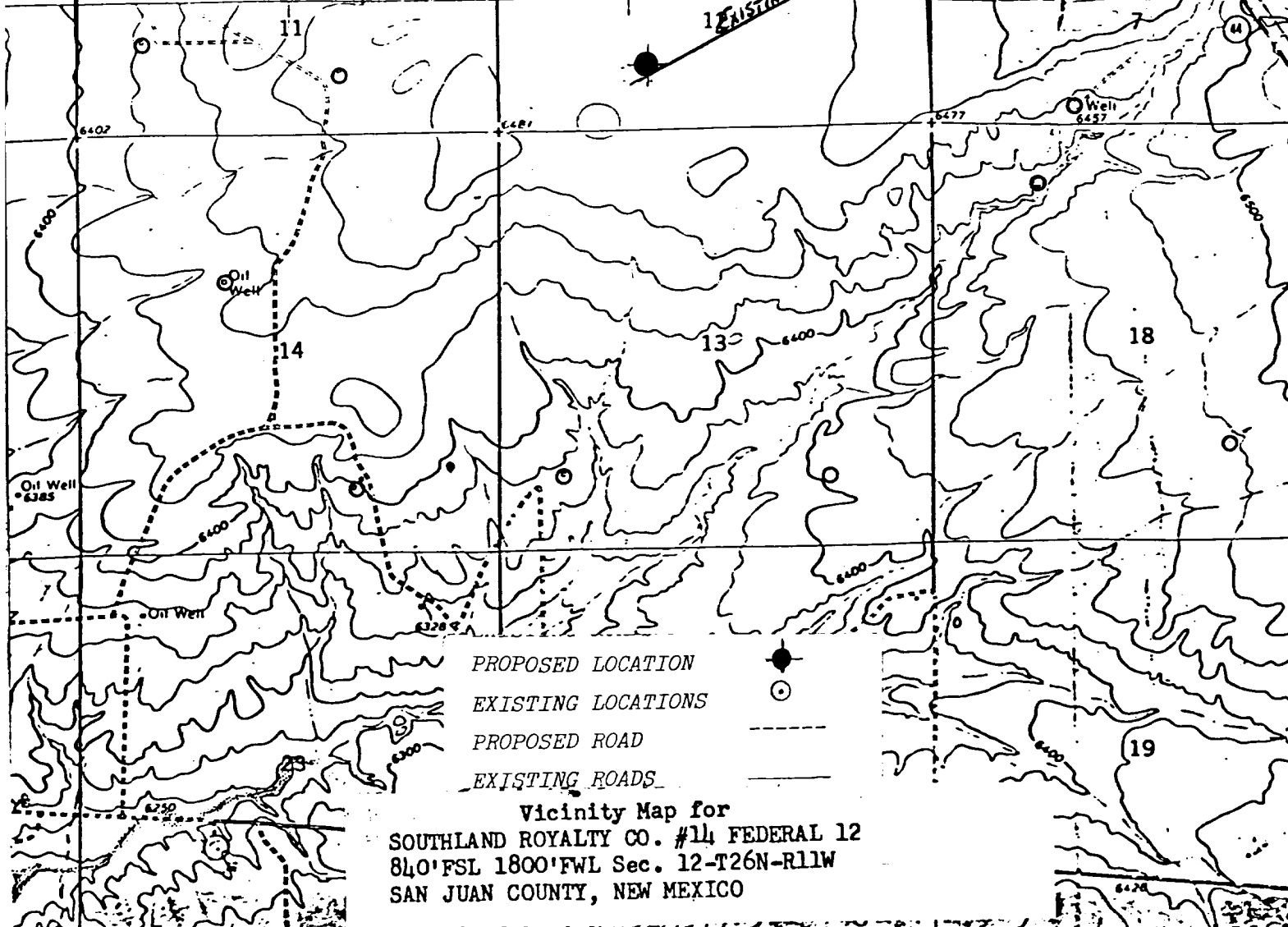
R. 10 W. (BLO)

FIELD 1.62 5001

FARM
BLOOM

1.2 miles

EXISTING Trail



PROPOSED LOCATION

EXISTING LOCATIONS

PROPOSED ROAD

EXISTING ROADS

Vicinity Map for
SOUTHLAND ROYALTY CO. #11 FEDERAL 12
840'FSL 1800'FWL Sec. 12-T26N-R11W
SAN JUAN COUNTY, NEW MEXICO