

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

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

At surface 1345'S, 2055'W

At proposed prod. zone

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

2 miles from Cedar Hill

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 1345'

16. NO. OF ACRES IN LEASE

153.69

17. NO. OF ACRES ASSIGNED TO THIS WELL

W 310.83 153.69

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'

19. PROPOSED DEPTH

2745'

20. ROTARY OR CABLE TOOLS

Rotary

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

5966' GL This action is subject to technical and

22. APPROX. DATE WORK WILL START*

23.

procedural review pursuant to 43 CFR 3160.2 and appeal pursuant to 43 CFR 3160.4. PROPOSED DRILLING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	200'	125 cf. circulated
8 3/4"	7"	20.0#	2455'	446 cf to cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	2745'	do not cement

The Fruitland formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

Lots 15, 16, 17 and 18 of Section 31 are dedicated to this well.

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

Drilling Clerk

DATE

03-08-88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

RECEIVED

APPROVED *KK*
AS AMENDED

APPROVED BY

TITLE

APR 03 1988

DATE

APR 06 1988

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.
DIST. 3

AREA MANAGER

*See Instructions On Reverse Side

APPROVED
AS AMENDED
JUN 06 1988
J. A. WILKINSON

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-102
Revised 10-1-71

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

Operator Southland Royalty Company		Lease HARRISON (SF-080314)		Well No. 100
Unit Letter K	Section 31	Township 32-N	Range 10-W	County SAN JUAN

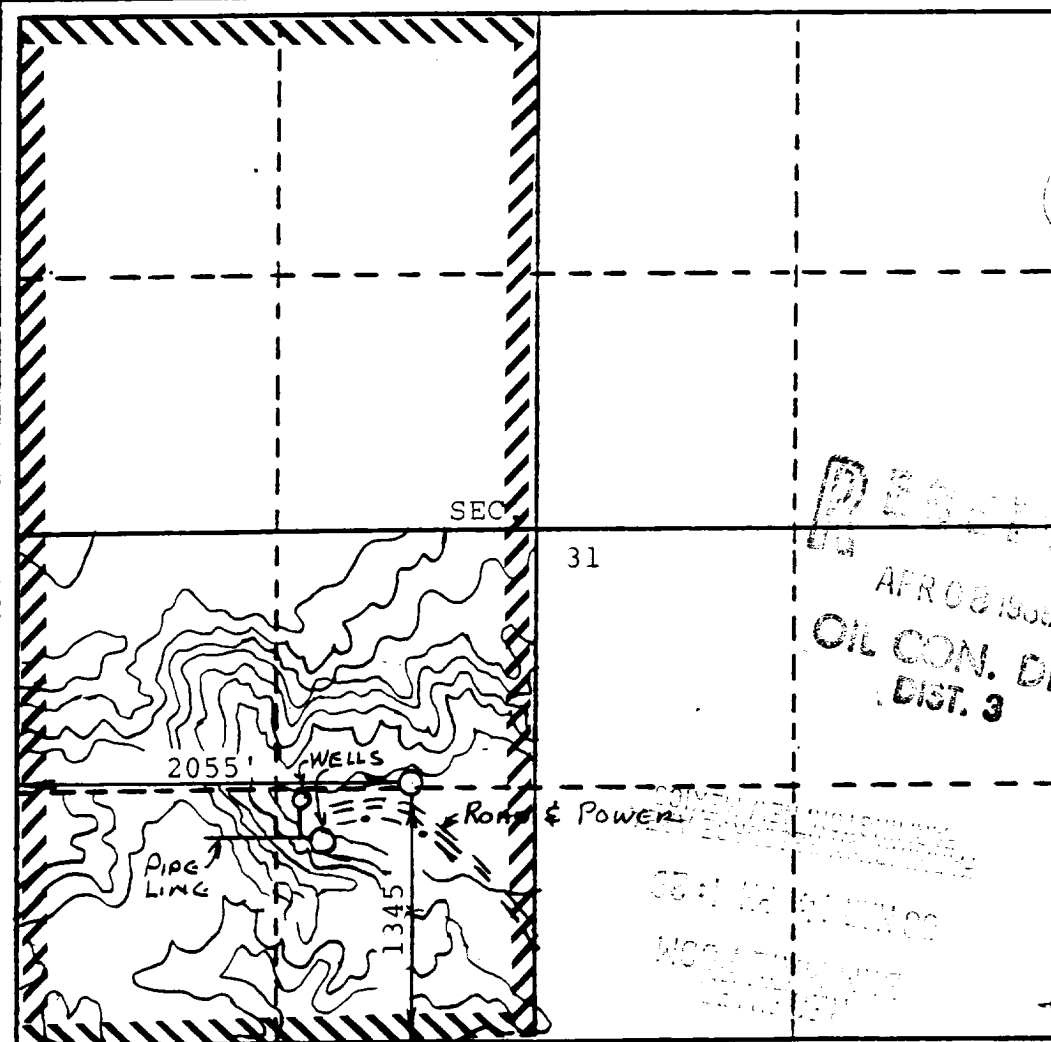
Actual Footage Location of Wells: 1345 feet from the SOUTH line and 2055 feet from the WEST line				
Ground Level Elev. 5966	Producing Formation Fruitland	Pool Cedar Hill Fruitland Basal Coal	Dedicated Acreage: 312.83 320 Acres	

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 Division



CERTIFICATION

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

Name Isaac L. Weaver
Drilling Clerk

Position Southland Royalty

Company 3-11-88

Date

ISAAC L. WEAVER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
AND/OR LAND SURVEYOR
8966

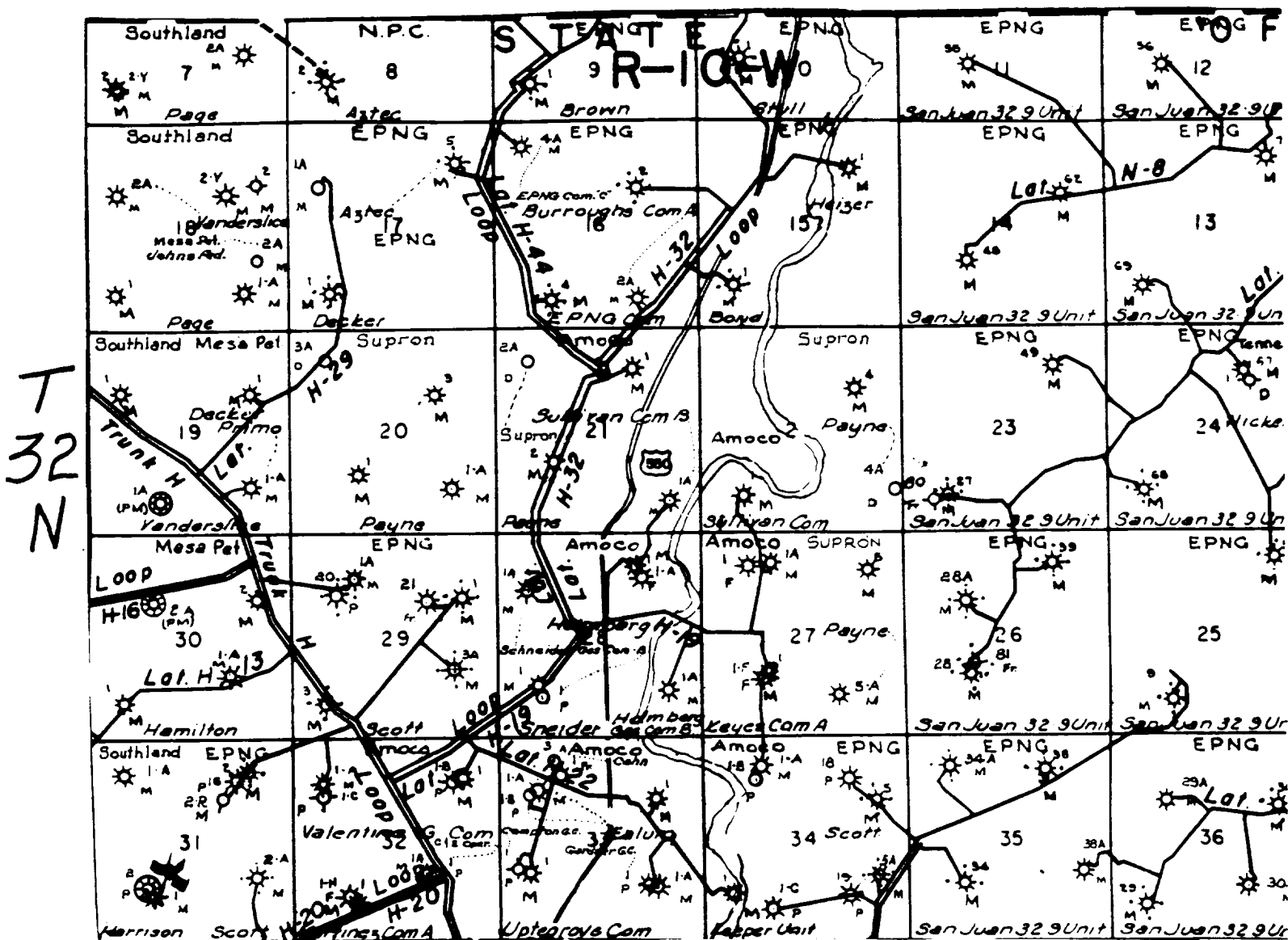
FEBRUARY 11, 1988

Date Surveyed
ISAAC L. WEAVER

Registered Professional Engineer
and/or Land Surveyor

Certificate No.
8966

SW 31-82-10



R-10-W