

Form 3160-5  
(July 1989)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED  
(Other instructions on reverse  
side)  
**RECEIVED**

BLM Roswell District  
Modified Form No.  
NM060-3160-4

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-93**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**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 "APPLICATION FOR PERMIT-" for such proposals.)

OCT 31 11 55 AM '90

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR  
**Southland Royalty Company**

3. ADDRESS OF OPERATOR  
**21 Desta Dr., Midland, TX 79705**

3a. AREA CODE & PHONE NO.  
**915-686-5600**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**1830' FNL & 510' FWL**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**West Corbin Federal**

9. WELL NO.  
**21**

10. FIELD AND POOL, OR WILDCAT  
**South Corbin (Wolfcamp)**

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
**Sec. 18, T18S, R33E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3843' GR.**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**NM**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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.)\*

Change location from: **1650' FNL & 330' FWL**  
to: **1830' FNL & 510' FWL (plat attached).**  
Change total depth from: **5,500'**  
to: **11,500'.**

Drill 17-1/2" hole to 350'. Set 13-3/8" 48# K-55 STC csg @350' and cmt w/350 sx Class C and circulate to surface. Drill 12-1/4" hole to 2900'. Set 8-5/8" 24# & 28# K-55 STC csg @2900'. Cmt: Lead w/1200 sx Lite C & tail in w/200 sx Class C. Circulate to surface. Drill 7-7/8" hole to 11,500' to test the Middle and Lower Wolfcamp. If commercial, run 5-1/2" 15.5# & 17# K-55 STC csg and set @11,500'. Cmt w/sufficient volume to bring the cmt above all prospective zones. Est. TOC @2900'. Perf. & stimulate the Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350'-2900' brine; 2900'-10,200' cut brine and sweeps (chlorides 30,000+ ppm); 10,200'-TD cut brine and Drispac. MW 9.0-9.2 (solids must be less than 5% w/VIS 32-36).

BOP PROGRAM: 13-5/8" 2M annular BOP to be installed on the 13-3/8" csg. 11"-3M stack to be installed on the 8-5/8" and left on for remainder of drilling. The stack is to consist of an annular BOP, a blind ram BOP, and one pipe ram BOP. Test the BOP's after setting the 8-5/8" csg using and independent tester.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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

SIGNED

*Robert L. Bradshaw*

TITLE

**Sr. Staff Env./Reg. Spec.**

DATE

**30 October 1990**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

**11/15/90**

CONDITIONS OF APPROVAL, IF ANY:

**\*See Instructions on Reverse Side**

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

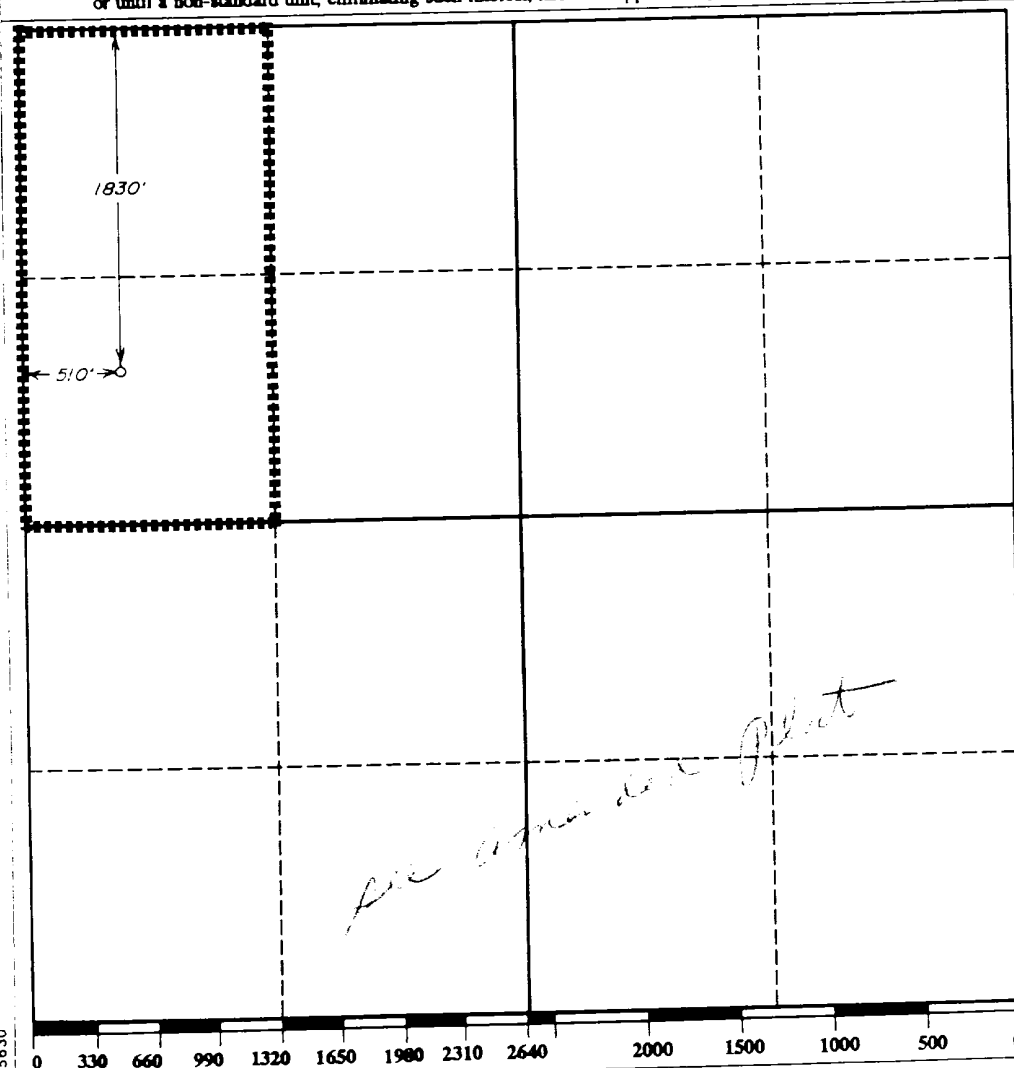
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
All Distances must be from the outer boundaries of the section

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>WEST CORBIN FEDERAL</b>		Well No. <b>21</b>
Unit Letter <b>E</b>	Section <b>18</b>	Township <b>18-SOUTH</b>	Range <b>33-EAST</b>	County <b>NMPM LEA</b>	
Actual Footage Location of Well: 1830' feet from the <b>NORTH</b> line and 510' feet from the <b>WEST</b> line					
Ground level Elev. <b>3843'</b>		Producing Formation <b>WOLFCAMP</b>		Pool <b>SOUTH CORBIN</b>	
				Dedicated Acreage: <b>80 Acres</b>	

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 interest 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 interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

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

Signature *Robert L. Bradshaw*

Robert L. Bradshaw  
Printed Name

Sr. Staff Env/Reg Spec.  
Position

Meridian Oil Inc.  
Company

10/30/90  
Date

**SURVEYOR CERTIFICATION**

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

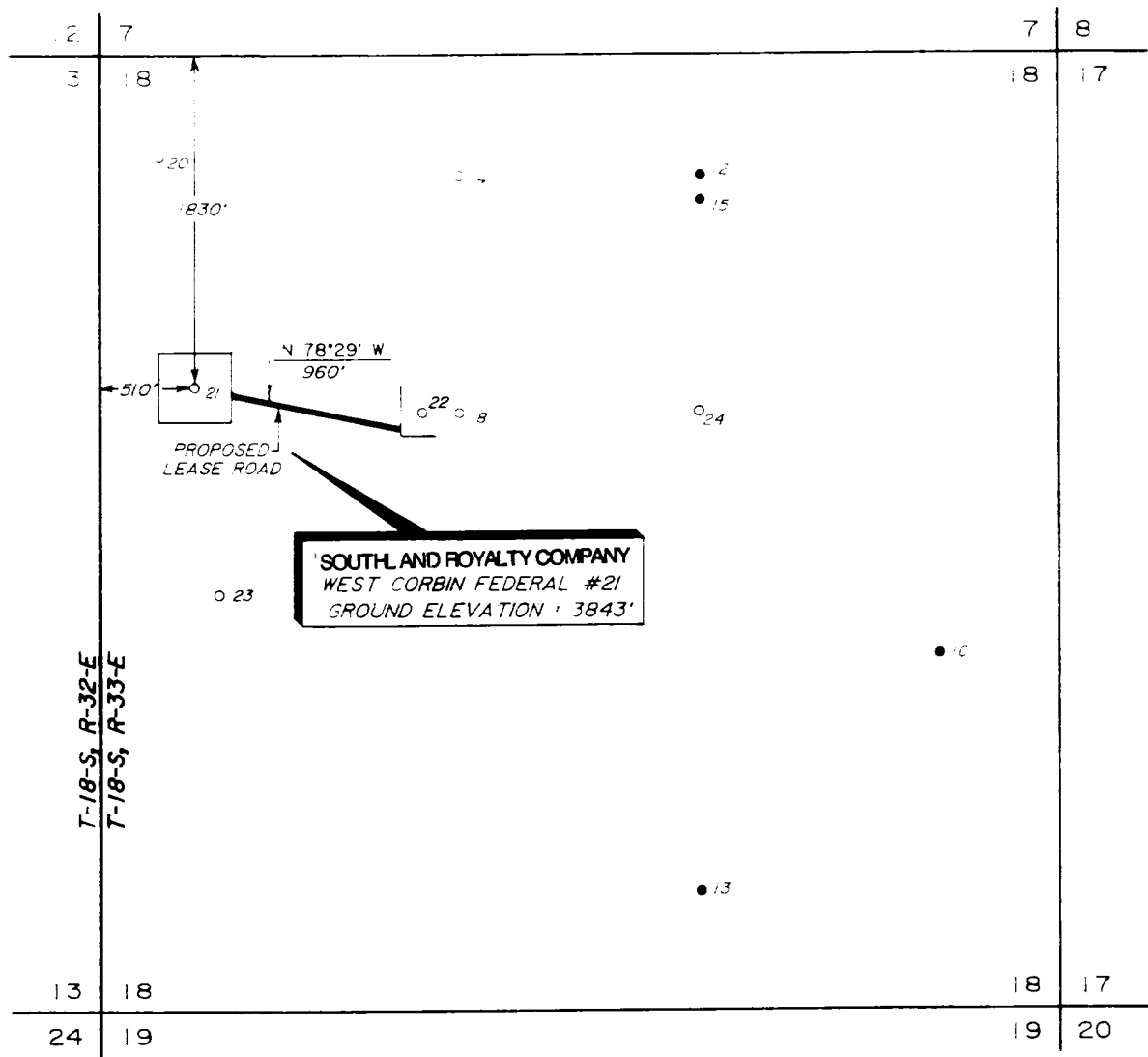
OCTOBER 18, 1990

Signature & Seal of  
Professional Surveyor

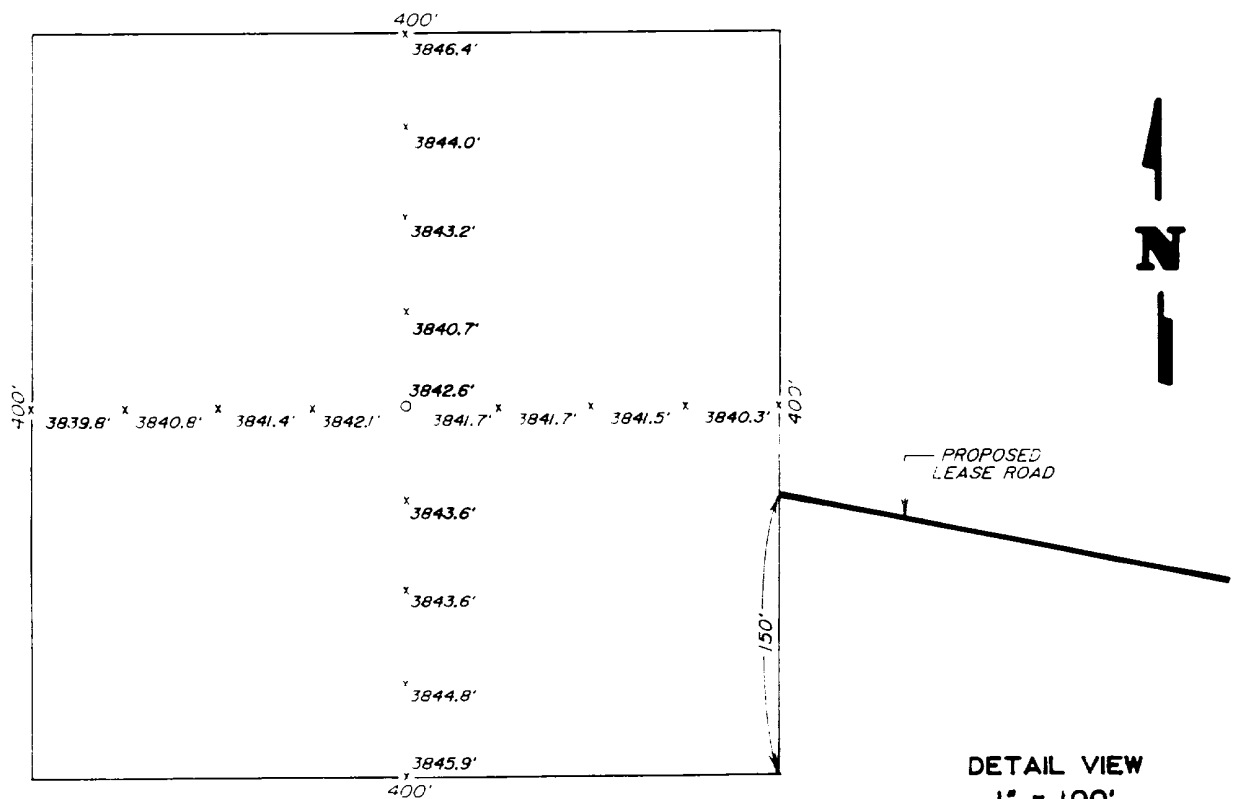
STATE OF NEW MEXICO  
V. LYNN  
BEZNER  
NO. 7920  
REGISTERED LAND SURVEYOR  
19820

PLAT SHOWING PROPOSED  
WELL LOCATION and LEASE ROAD in  
SECTION 18, T-18-S, R-33-E,  
LEA COUNTY, NEW MEXICO

FROM THE CORNER OF SEC. 18 & HWY 629 0.4 MILES  
WEST OF COBBES, 3.1 NORTHWEST 0.4 MILES ON  
HWY 629, THENCE SOUTHWEST & SOUTH 2.8  
MILES ON LEASE ROAD TO A POINT 2300'  
EAST OF THE NW 1/4 OF SECTION 18



PLAN VIEW  
1" = 1000'



DETAIL VIEW  
1" = 100'

				<b>SOUTHLAND ROYALTY COMPANY</b>  <i>MIDLAND, TEXAS</i>	SCALE : AS SHOWN
					DATE : OCTOBER 18, 1990
NO.	REVISION	DATE	BY		JOB NO. : 80385
SURVEYED BY : G.S.				<i>SURVEYING AND MAPPING BY</i> <b>TOPOGRAPHIC LAND SURVEYORS</b> <i>MIDLAND, TEXAS</i>	72 NW
DRAWN BY : V.G.H.					97 SW
APPROVED BY : D.R.K.					SHEET