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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

MAY 21 1981

30-015-23805

Form C-101  
Revised 1-1-85

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

LG-6257

## 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

1100 Wall Towers West Midland, Texas 79701

4. Location of Well

UNIT LETTER K LOCATED 1780 FEET FROM THE South LINE

AND 1980 FEET FROM THE West LINE OF SEC. 2 TWP. 19-S. SE. 27-E. MEM.

7. Unit Agreement Name

8. Farm or Lease Name

Williams State Com

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated (Morrow)

17. County

Eddy

11. Proposed Depth

10,500

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

14. Testations (show whether DI, KI, etc.)

3531.49' GR

21A. Kind &amp; Status Plug. Bond

Blanket

21B. Drilling Contractor

Hondo Drilling

22. Approx. Date Work will start

June 1, 1981

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	11 3/4"	42#	* 350' 250'	425 sxs	Surface
11"	8 5/8"	24#	2,000'	775 sxs	Surface
7 7/8"	4 1/2"	11.6#	10,500'	850 sxs	8000'

\* 350'

Propose to set 11 3/4" csg @ 250', Circ cmt. Set 8 5/8" csg @ 2000', circ cmt. Drill to TD of 10,600' to test Morrow & intermediate horizons. If commercial, will run 4 1/2" csg to TD. Cmt w/sufficient volume to bring cmt back above all productive zones or to approx 2500' if Morrow only is productive. If intermediate horizons indicate production, will run DV tool @ 9600'± and use additional cmt volumes to obtain better cmt over intermediate zone. Will perf & stimulate Morrow for production. Acid treatment to be determined on sand interval present, will use approx 200 gals/ft.

MUD PROGRAM: 0-250' spud mud; 250-2000' brine wtr, 2000-7500' fresh wtr, 7500-8000' cut brine wtr, 8000-TD starch, gel, flosal, drispac, 3% KCl, Weight 9.5-10#, vis 40cc, wtr loss 6cc thru Atoka/Morrow. No abnormal pressures anticipated w/BHP at TD expected to be 4000 psi.

BOP PROGRAM: Test BOP each new installation with Yellow Jacket, Inc. after 180 DAYS setting 8 5/8" csg; test at 8000. GAS IS NOT DEDICATED. APPROVAL VALID FOR 180 DAYS PERMIT EXPIRES 11-27-81 UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION, PRODUCTIVE ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed C. Parsons Title District Operations Engineer Date 5/20/81

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 27 1981

CONDITIONS OF APPROVAL, IF ANY:

\* as noted

Let cement be circulated to surface behind 11 3/4" & 8 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

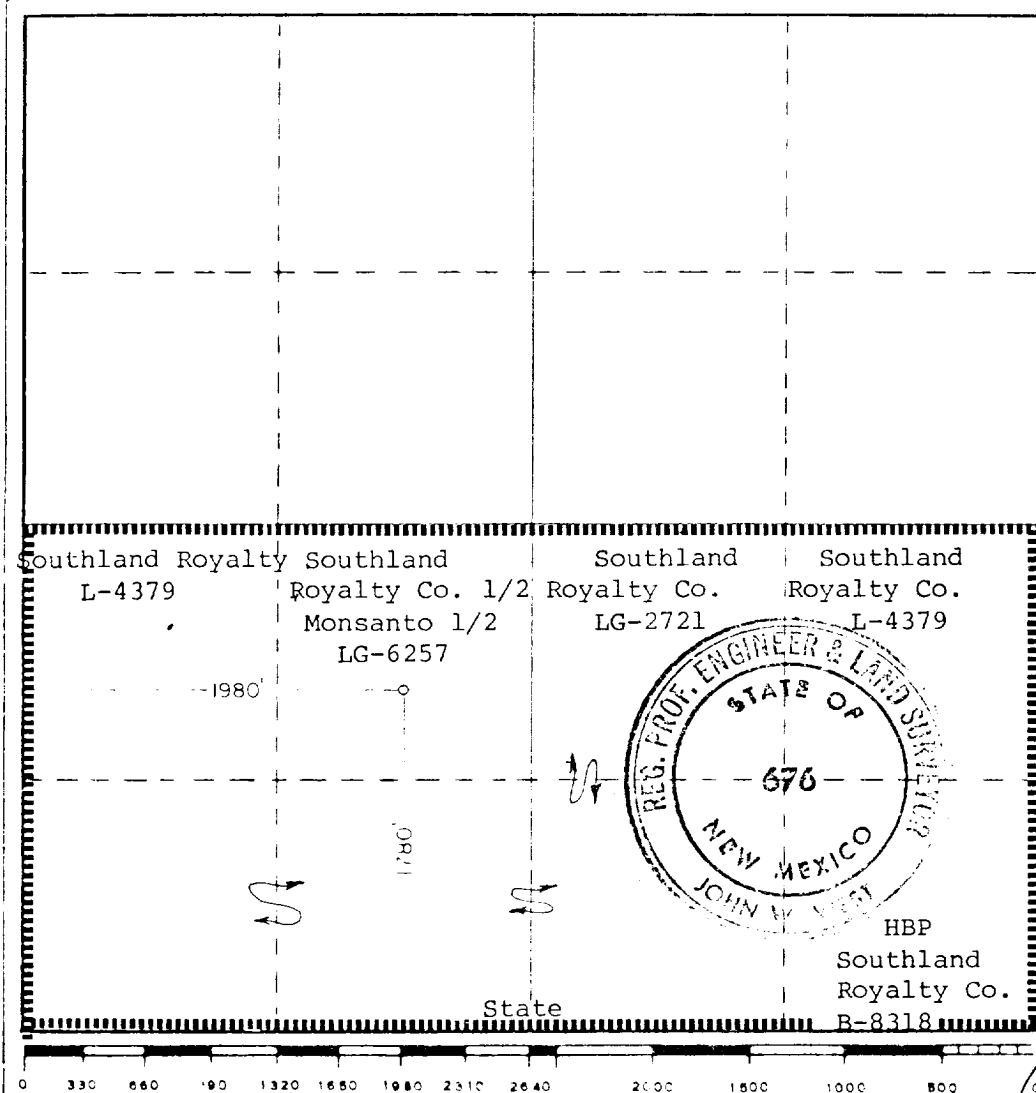
Operator <b>Southland Royalty Co.</b>		Lease <b>Williams State Com</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>2</b>	Township <b>19S</b>	Range <b>27E</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>1780</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>3531.49</b>	Producing Formation <b>Morrow</b>	Pool <b>Undesignated</b>	Dedicated Acreage: <b>320</b> 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.



CERTIFICATION

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

Name CC Parsons  
Position  
District Operations Engineer  
Company  
Southland Royalty Company  
Date  
5/20/81

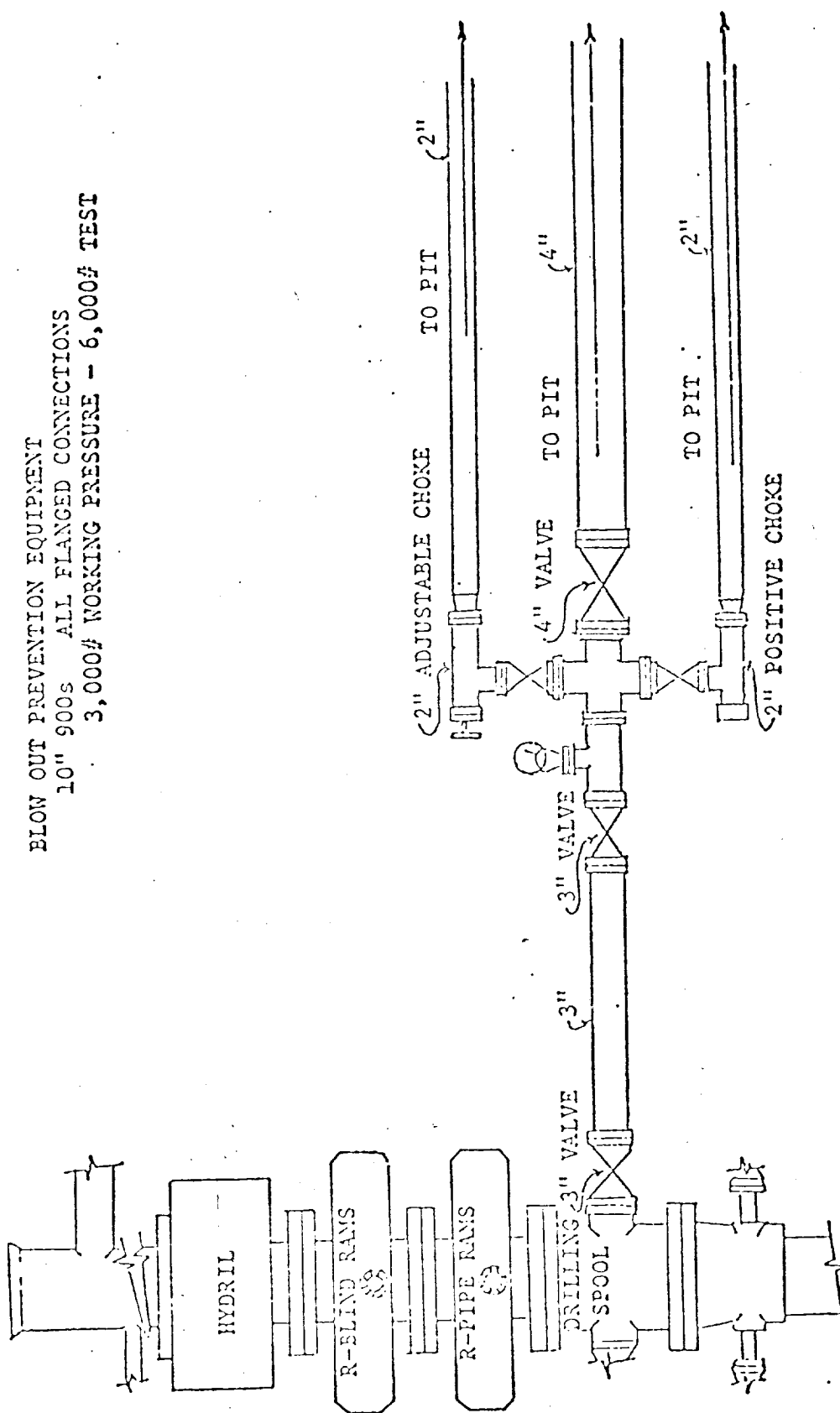
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

May 16, 1981

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John West  
Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6863**  
**Ronald J. Eidson 3239**



BLOW OUT PREVENTION EQUIPMENT  
 10" 900s ALL FLANGED CONNECTIONS  
 3,000# WORKING PRESSURE - 6,000# TEST