

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
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

API NO. (assigned by OCD on New Wells)
30-015-23805

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG-6257

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒
b. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name
WILLIAMS STATE COM.

2. Name of Operator
SOUTHLAND ROYALTY COMPANY

8. Well No.
1

3. Address of Operator
P.O. Box 51810, Midland, TX 79710-1810

9. Pool name or Wildcat
WILDCAT (UPPER PENN CISCO)

4. Well Location
Unit Letter K : 1780 Feet From The SOUTH Line and 1980 Feet From The WEST Line
Section 2 Township 19-S Range 27-E NMPM EDDY County

10. Proposed Depth
10,565' TD, 9890' PBTD
11. Formation
UPPER PENN CISCO
12. Rotary or C.T.

13. Elevations (Show whether DF, RT, GR, etc.)
3531.9' GR
14. Kind & Status Plug. Bond
STATEWIDE
15. Drilling Contractor
16. Approx. Date Work will start
3-17-93

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15-1/2"	11-3/4"	42#	252'	400 SXS	SURFACE
11"	8-5/8"	24#	2003'	600 SXS	SURFACE
7-7/8"	4-1/2"	11.6#	10,565'	1100 SXS	TOC @ 7330'

PLUG BACK AND RECOMPLETE FROM THE MORROW GAS TO THE UPPER PENN CISCO GAS, WILDCAT FIELD.

SET CIBP FOR 4-1/2" CSG @9890' +/- . CAP W/35' CMT.
RU H2S MONITORING EQUIPMENT AND APPROPRIATE BREATHING APPARATUS.
RIH W/GR-CCL & CORRELATE PERFS W/DENSILOG/NEUTRON/GR DATED 11-21-81. SPACE OUT 2-3/8" TBG.
CIRC HOLE W/2% KCL.
PRESSURE TEST FLANGE, TBG, CSG BELOW PKR & 2-3/8" X 4-1/2" ANNULUS. SWAB WELL DOWN.
PERFORATE UPPER PENN (CISCO), 6 JSPF, 8320'-8334' 84 HOLES, 8338'-8341' 18 HOLES, 8346'-8356' 60 HOLES.
SI WELL. MONITOR TBG & ANNULUS PRESSURE WHILE GUNS FIRE.
PUT WELL ON PRODUCTION. RUN 4-POINT FLOW TEST.
FOLLOWING BHP SURVEY & 4-POINT FLOW TEST, A STIMULATION PROCEDURE, IF REQUIRED, WILL BE PROVIDED.

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. 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.

SIGNATURE Maria L. Perez TITLE PRODUCTION ASSISTANT DATE 3-12-93
TYPE OR PRINT NAME MARIA L. PEREZ TELEPHONE NO. 915-688-6906

(This space for State Use)

APPROVED BY Maria L. Perez TITLE Geologist DATE 3-15-93
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERIOD FOR THE
UNLESS OTHERWISE INDICATED

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator SOUTHLAND ROYALTY COMPANY			Lease WILLIAMS STATE COM.		Well No. 1
Unit Letter K	Section 2	Township 19-S	Range 27-E	County NM PM	EDDY
Actual Footage Location of Well: 1780 feet from the SOUTH line and 1980 feet from the WEST line					
Ground level Elev. 3531.49'	Producing Formation UPPER PENN CISCO		Pool WILDCAT	Dedicated Acreage: 160 Acres	

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

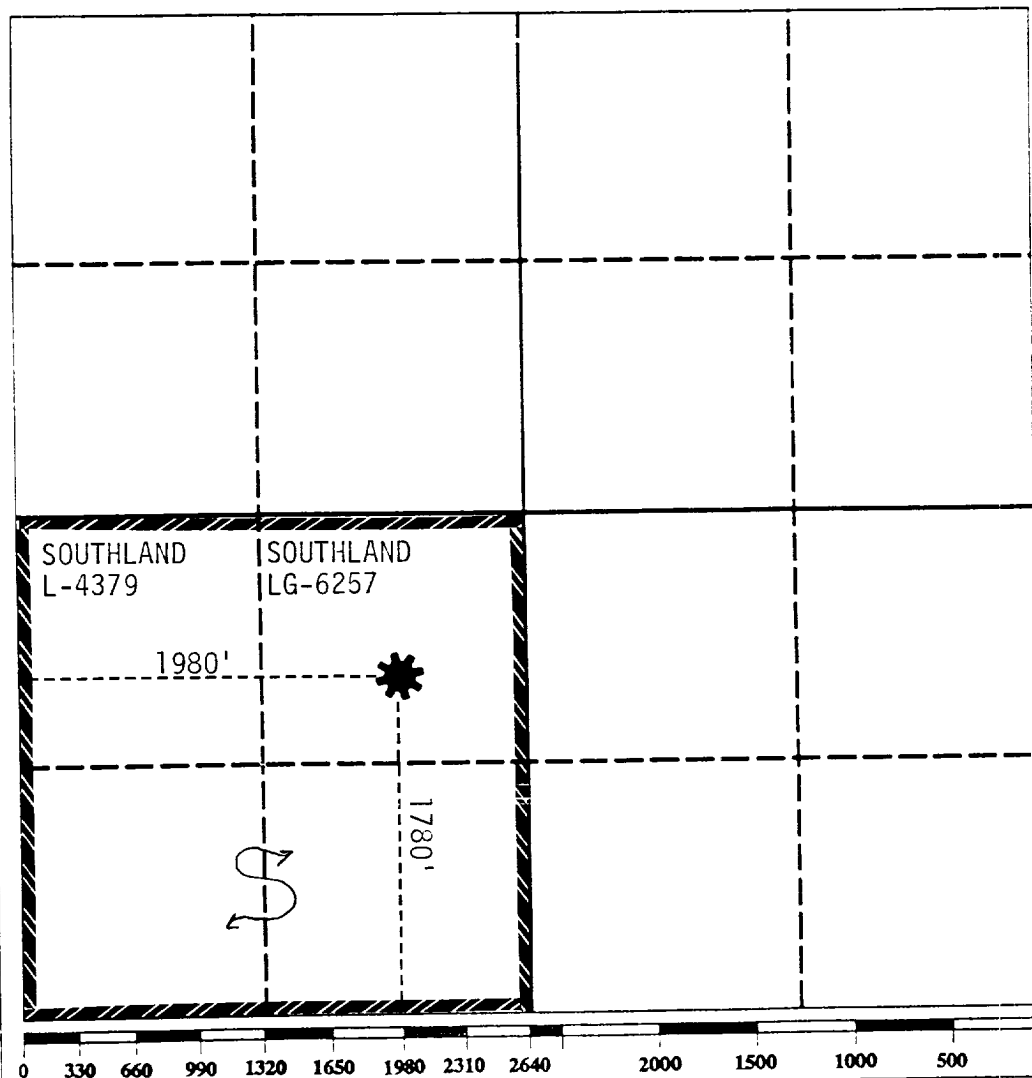
☐ No

If answer is "yes" type of consolidation

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 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

Printed Name

MARIA L. PEREZ

Position

PRODUCTION ASSISTANT

Company

SOUTHLAND ROYALTY COMPANY

Date

3-12-93

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

Signature & Seal of
Professional Surveyor

Certificate No.