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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
AUG 16 1993
O. C. D.

Form C-101
Revised 1-1-89

API NO. (assigned by OCD on New Wells) 30-015-22826

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. 648

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL [ ] RE-ENTER [ ] DEEPEN [ ] PLUG BACK [X]

b. Type of Well:
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. Lease Name or Unit Agreement Name: STATE 32 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: WINCHESTER (ATOKA)

4. Well Location
Unit Letter B : 660' Feet From The NORTH Line and 1980' Feet From The EAST Line

Section 32 Township 19S Range 28E NMPM EDDY County

10. Proposed Depth	11. Formation	12. Rotary or C.T.
11030' PBTD	ATOKA	

13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start
3366.9 GR	STATEWIDE		UPON APPROVAL

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#	360'	375 SXS	SURFACE
11"	8 5/8"	24#	2608'	1150 SXS	SURFACE
7 7/8"	4 1/2"	11.6#/13.5#	11135'	460 SXS	TOC @ 5210'

PLUG BACK AND RECOMPLETE FROM THE MORROW TO THE ATOKA
SET CIBP FOR 4 1/2" CSG @ 10,570'. CAP W/+\- 35' CEMENT
RIH W/GR-CCL AND CORRELATE PERFS W/NEUTRON/DENSILOG DATED 11/8/79. PERFORATE THE ATOKA 10,324' - 10, 339' (4 JSPF).
PRESSURE TEST CIBP TO 5000 PSI W/1000 PSI ON 2 7/8" X 4 1/2" ANNULUS
PRESSURE TEST BOP AND 2 7/8" X 4 1/2" ANNULUS TO 4250 PSI
TREAT ATOKA SAND W/750 GLS 7 1/2% MOD-101 ACID
FRAC ATOKA SAND W/28,000 GLS OF 60% ALCOFOAM & 24,600 LBS OF 20/40 LWP PLUS.
FLOW/SWAB. PUT WELL ON PRODUCTION. RUN 4 POINT TEST

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 [signature] TITLE PRODUCTION ASSISTANT DATE 8/12/93

TYPE OR PRINT NAME DONNA WILLIAMS TELEPHONE NO. 915-688-6943

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT II TITLE DATE AUG 27 1993

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-17-94
UNLESS DRILLING UNDERWAY