

30-0,25-29748

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Estoril Producing Corporation

3. Address of Operator
400 W. Illinois #1600, Midland, Texas 79701

4. Location of Well UNIT LETTER U LOCATED 510 FEET FROM THE south LINE
AND 850 FEET FROM THE west LINE OF SEC. 6 TWP. 16S RGE. 37E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Anderson "6"

9. Well No.
1

10. Field and Pool, or Wildcat
Lovington Penn, NE

12. County
Lea

19. Proposed Depth
11,750'

19A. Formation
Penn

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
3858' GL

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
Gene Sledge Drilling

22. Approx. Date Work will start
8-29-86

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-3/8"	61#	375'	395	Circulate
11"	8-5/8"	32#	4350'	1420	Circulate
7-7/8"	4 1/2"	11.6#	11,750'	610	9500'

We propose to drill and test the Strawn or Penn formations to approximately 11,750'. Approximately 375' of surface casing will be set and cement circulated to shut off gravel and fresh water sands. Intermediate casing will be set approximately at 4350' with cement circulated. If productive, 4 1/2" casing will be run and cemented adequately to perforate and stimulate for production. No other well is located on this 80 acres.

Mud Program: Spud mud to 375', Native mud and oil to 4350', Fresh water to 10,000', Fresh water gel to TD.

BOP Program: (See attached sketch) Will be installed on intermediate casing and tested.

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.

Signed [Signature] Title Vice-President - Engineering Date 8-25-86

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE AUG 27 1986

Permit Expires 6 Months From Approval Date Unless Drilling Underway.