

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Estoril Producing Corporation		8. Farm or Lease Name Christmas
3. Address of Operator 400 W. Illinois #1600, Midland, Texas 79701		9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>1200</u> FEET FROM THE <u>North</u> LINE AND <u>600</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>16S</u> RGE. <u>37E</u> NMPM		10. Field and Pool, or Wildcat Lovington Penn, NE
21. Elevations (Show whether DF, RT, etc.) 3856.9 GL		12. County Lea
21A. Kind & Status Plug. Bond Blanket	19. Proposed Depth 11,750	19A. Formation Penn
21B. Drilling Contractor Gene Sledge Drilling	20. Rotary or C.T. Rotary	22. Approx. Date Work will start 12-17-86

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#	4630'	1800	Circulate
7-7/8"	5 1/2"	17#	11,750'	500	10,000'

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 circulate to shut off gravel and fresh water sands. Intermediate casing will be set approximately at 4630' with cement circulated. If productive, 5 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: Surface to 375' - spud mud; 375' to 4630' - native mud with oil; 4630' to 11,000' - fresh water; 11,000' to TD - fresh water gel.

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

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 Cliff Dunsen Title Vice President - Engineering Date 12-3-86
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE DEC 2 4 1986
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

NSL - ~~R-8376~~ R-8382

**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.

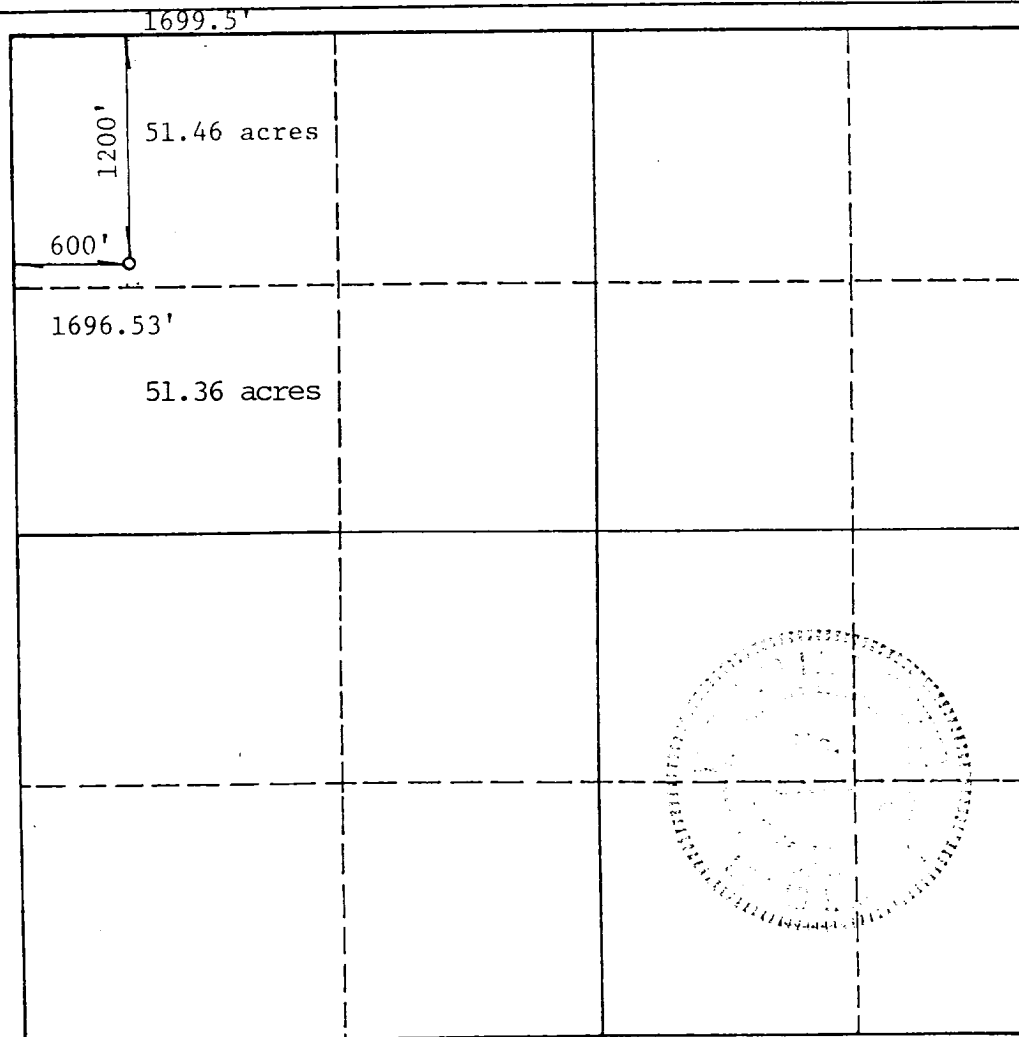
Operator Estoril Producing Corporation			Lease Christmas		Well No. 1
Unit Letter D	Section 7	Township 16-South	Range 37-East	County Lea	
Actual Footage Location of Well: 1200 feet from the North line and 600 feet from the West line					
Ground Level Elev. 3856.9	Producing Formation Penn		Pool Lovington Penn. NE		Dedicated Acreage: 102.82 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 Force-pooling pending

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

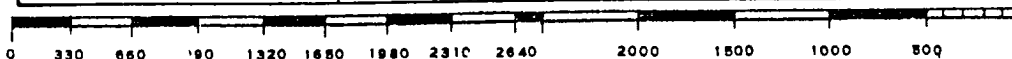
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *Cliff Brunker*
Position Vice Pres. - Engineering
Company Estoril Producing Corp
Date 12-3-86

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.

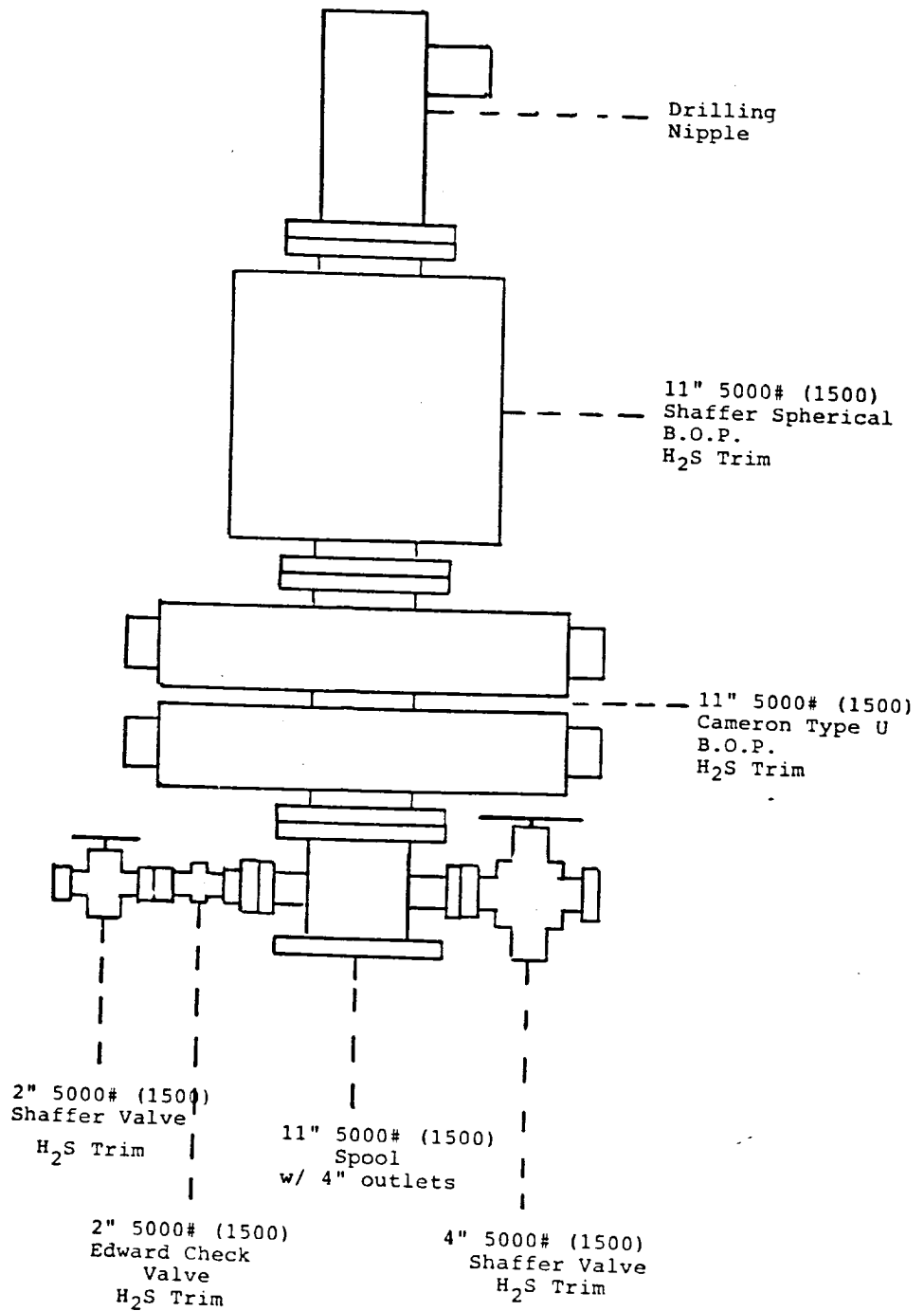
Date Surveyed 11-28-86
Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson
Certificate No. JOHN W. WEST **676**
Ronald J. Eidson 3239



GENE SLEDGE DRILLING CORPORATION
MIDLAND, TEXAS

BOP DIAGRAM



ESTORIL PRODUCING CORPORATION

Christmas No. 1

Sec. 7, T16S, R37E

Lea County, New Mexico

RECEIVED
LEO 9 1986
OCD
HOBBS OFFICE

18-12-87

10-26-92