

SANTA FE, NEW MEXICO 87501

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| OPERATOR               | <input checked="" type="checkbox"/> |                                     |

5A. Indicate Type of Lease  
STATE ☒ PER ☐

6. State Oil & Gas Lease No.  
L-2766

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

7. Unit Agreement Name  
Burton Flat Deep Unit  
No. 14-08-0001-12391

8. Farm or Lease Name  
Burton Flat Deep Unit

2. Name of Operator  
MONSANTO OIL COMPANY

9. Well No.  
26

3. Address of Operator  
1300 One First City Center  
500 West Texas, Midland, Texas 79701

10. Field and Pool, or Wildcat  
*Wildcat*  
*Wildcat*

4. Location of Well  
UNIT LETTER Lot 2 LOCATED 476' FEET FROM THE North LINE  
1980' FEET FROM THE East LINE OF SEC. 2 TWP. 21S RGE. 27E NMPM

12. County  
Eddy

|  |  |  |
|--|--|--|
| 16. Proposed Depth<br>5700'                            | 19A. Formation<br>Bone Spring              | 20. Rotary or C.T.<br>Rotary                       |
| 17. Elevations (show whether Df, HT, etc.)<br>3180' GL | 21A. Kind & Status Plug. Bond<br>Statewide | 21B. Drilling Contractor<br>Unknown                |
|  |  | 22. Approx. Date Work will start<br>March 10, 1984 |

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT AREA

|                        |                                     |
|------------------------|-------------------------------------|
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| OPERATOR               | <input checked="" type="checkbox"/> |

|  |
|--|
| 5A. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> REC <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>L-2766   |
| 7. Unit Agreement Name<br>Burton Flat Deep Unit<br>No. 14-08-0001-12391                              |
| 8. Farm or Lease Name<br>Burton Flat Deep Unit   |
| 9. Well No.<br>26  |
| 10. Field and Pool, or Wildcat<br>Wildcat  |
| 12. County<br>Eddy   |
| 19. Proposed Depth<br>5700'  |
| 19A. Formation<br>Bone Spring  |
| 20. Rotary or C.T.<br>Rotary   |
| 21. Elevations (Show whether D.F., K.T., etc.)<br>3180' GL   |
| 21A. Kind & Status Plug. Bond<br>Statewide   |
| 21B. Drilling Contractor<br>Unknown  |
| 22. Approx. Date Work will start<br>March 10, 1984   |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |
|--|
| 1a. Type of Work<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                       |
| b. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                       |
| 2. Name of Operator<br>MONSANTO OIL COMPANY  |
| 3. Address of Operator<br>1300 One First City Center<br>500 West Texas, Midland, Texas 79701   |
| 4. Location of Well<br>UNIT LETTER Lot 2 B LOCATED 476' FEET FROM THE North LINE<br>AND 1980' FEET FROM THE East LINE OF SEC. 2 TWP. 21S RGE. 27E NMPM |
| 1. Elevations (Show whether D.F., K.T., etc.)<br>3180' GL  |
| 21A. Kind & Status Plug. Bond<br>Statewide   |
| 21B. Drilling Contractor<br>Unknown  |
| 22. Approx. Date Work will start<br>March 10, 1984   |

## 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" H-40   | 48.0# ST&C      | 600'±         | 500 sx          | Circulated                                |
| 11"          | 8-5/8" J-55    | 24.0# ST&C      | 2500'±        | 700 sx          | Circulated                                |
| 7-7/8"       | 5-1/2" K-55    | 15.5# LT&C      | 5700'±        | 750 sx          | To Isolate All Water, Oil, And Gas Zones. |

Propose to drill to approximately 5700' to test Bone Spring and intermediate formations.

See attached "Supplemental Data" for casing program and pressure control details.

If commercial production is indicated, the well will be completed in the deepest formation, by cementing production casing, perforating and stimulating. Run 2-7/8" tubing and test well.

APPROVAL VALID FOR 180 DAYS  
7-9-84  
DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

by Jerry H. Long Title Agent Date March 2, 1984  
(This space for State Use)

PROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE MAR 09 1984

CONDITIONS OF APPROVAL, IF ANY:

2 5/8" casing

Post. A.D. &  
10-1-84  
3-16-84

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.

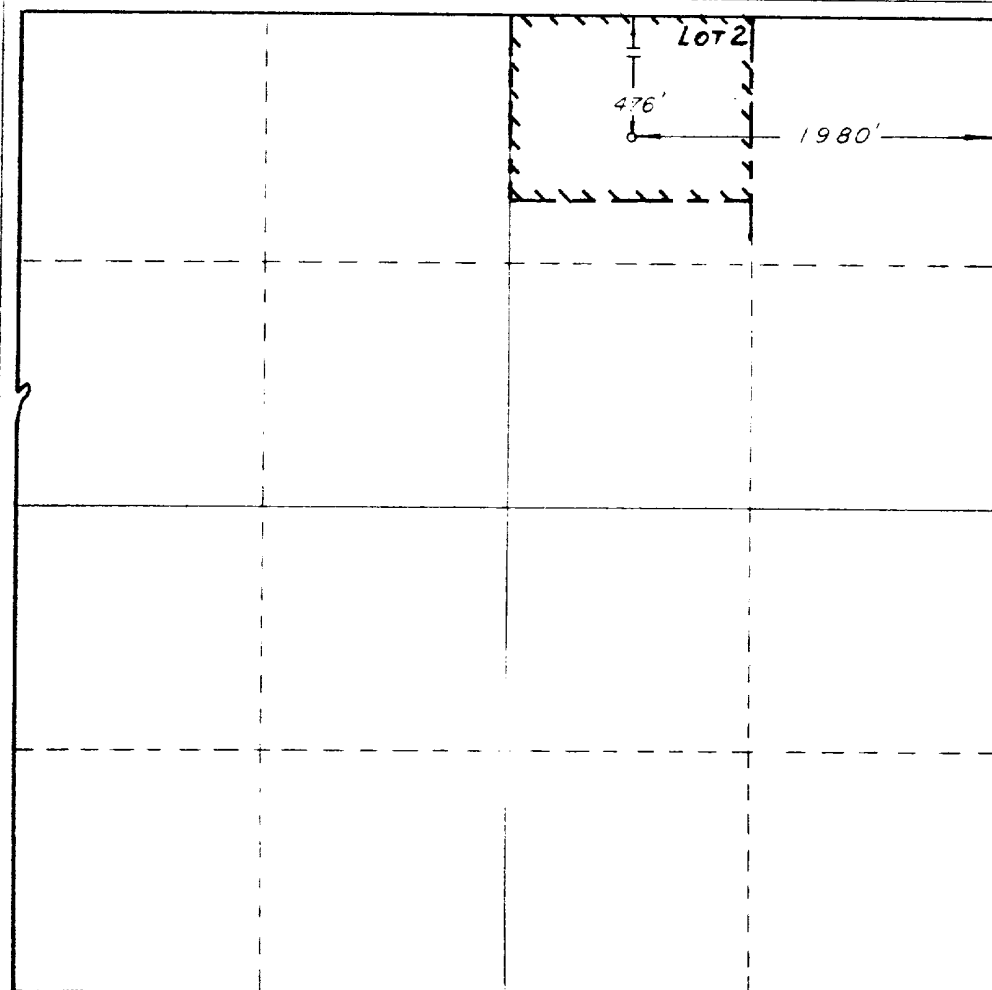
|                                |  |                  |  |                  |  |                  |  |                 |  |                   |  |
|--------------------------------|--|------------------|--|------------------|--|------------------|--|-----------------|--|-------------------|--|
| Section                        |  | MONSANTO COMPANY |  | Tract            |  | BURTON FLAT UNIT |  | Well No.        |  | #26               |  |
| Tract Letter                   |  | B                |  | Section          |  | 2                |  | Township        |  | 21-S              |  |
| Range                          |  | 27-E             |  | County           |  | EDDY             |  |                 |  |                   |  |
| Actual Footage Length of Well: |  |                  |  |                  |  |                  |  |                 |  |                   |  |
| 476'                           |  | Direction        |  | NORTH            |  | Distance         |  | 1980'           |  | East              |  |
| Ground Level Elev.             |  | 3180'            |  | Production Point |  | Bone Spring      |  | Unit, E. Avalon |  | Dedicated Acreage |  |
|                                |  |                  |  |                  |  |                  |  | Wildcat         |  | 28.59             |  |

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 Unitization

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.

*Jerry W. Long*  
JERRY W. LONG

Position  
Agent

Company  
MONSANTO OIL COMPANY

Date  
March 2, 1984

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.

FEB. 22, 1984

Date Surveyed  
RICHARD B. DUNIVEN  
Registered Professional Engineer  
and/or Land Surveyor

*Richard B. Duniven*  
Certificate No. 4882



## SUPPLEMENTAL DRILLING DATA

MONSANTO OIL COMPANY  
No.26 Burton Flat Deep Unit  
Lot 2, Sec.2-21S-27E  
Eddy County, N.M.

L-2766

The following items supplement the information on Form C-101.

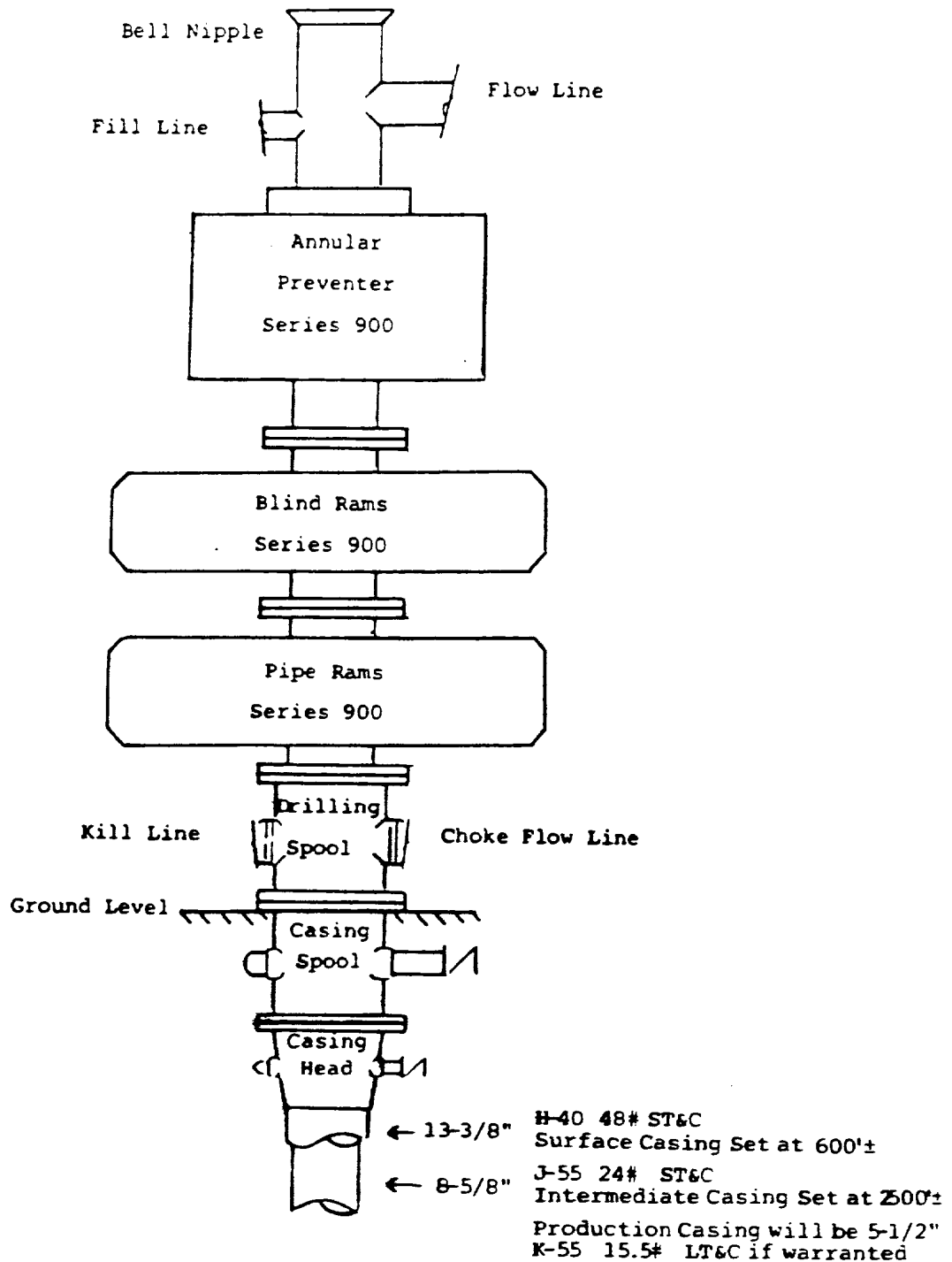
### 1. PROPOSED CASING PROGRAM:

- 13-3/8" Casing - H-40, 48# ST&C casing will be set to 600'± with cement circulated.
- 8-5/8" Casing - J-55, 24# ST&C casing will be set to 2500'± with cement circulated.
- 5-1/2" Casing K-55, 15.5# LT&C casing will be set thru the producing zone and cemented with sufficient cement to isolate all oil, gas and water zones.

Intermediate and production casing strings will be tested to 1000 psi.

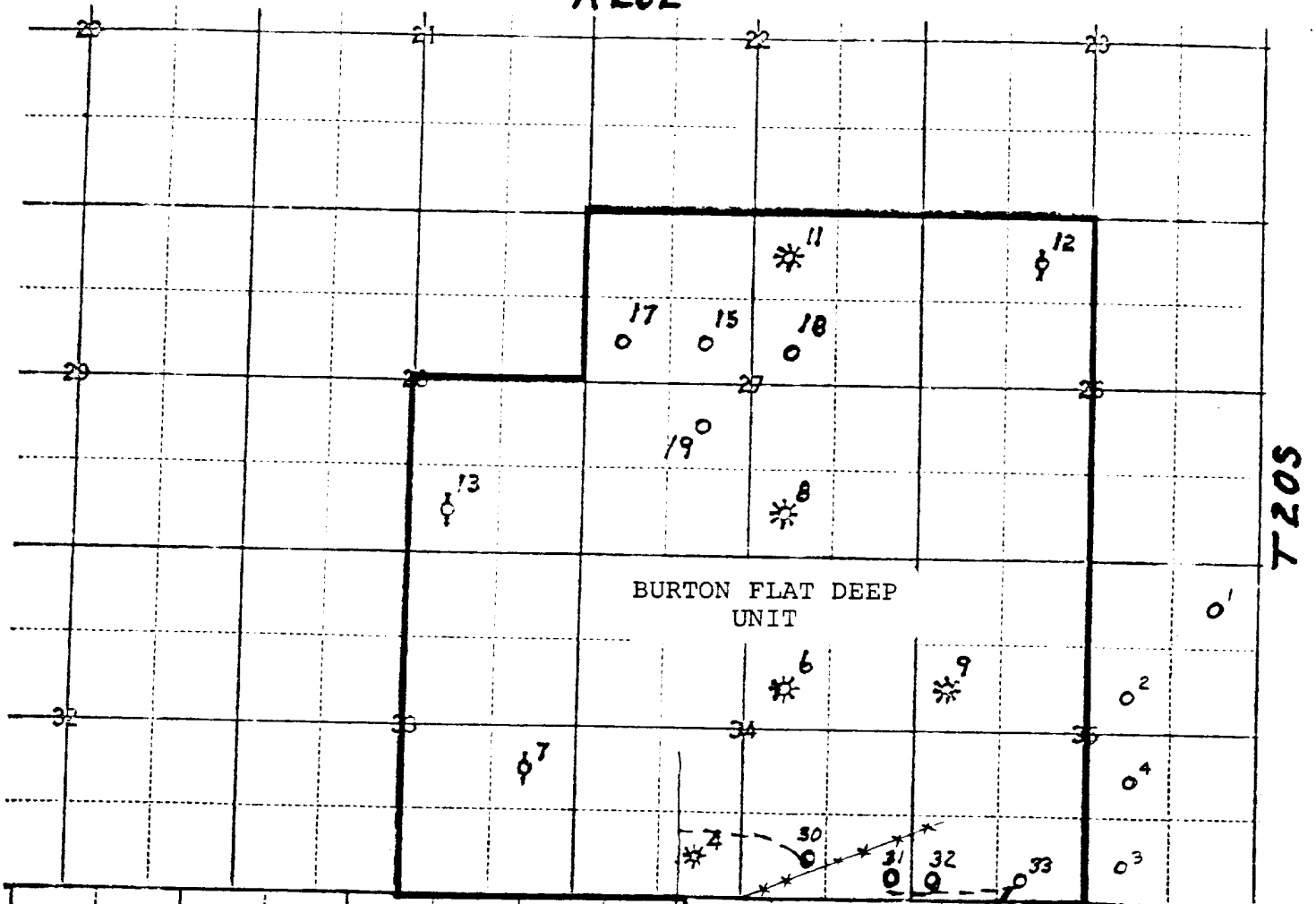
2. PRESSURE CONTROL EQUIPMENT: Pressure control equipment will include a 3000#WP blowout preventer stack with Series 900 annular preventer and Series 900 blind and pipe rams. The BOP stack will include a kill line and choke manifold tested to 2000 psi. BOP hydraulic controls will be operated at least daily. Mud weight will be maintained between 8.8 and 9.5#/Gal. to control bottom hole pressure. A kelly cock will be installed on the kelly joint and a full opening safety valve will be available on the rig floor.

MONSANTO OIL COMPANY  
 No.26 Burton Flat Deep Unit  
 Lot 2, Sec.2-21S-27E  
 Eddy County, N.M.

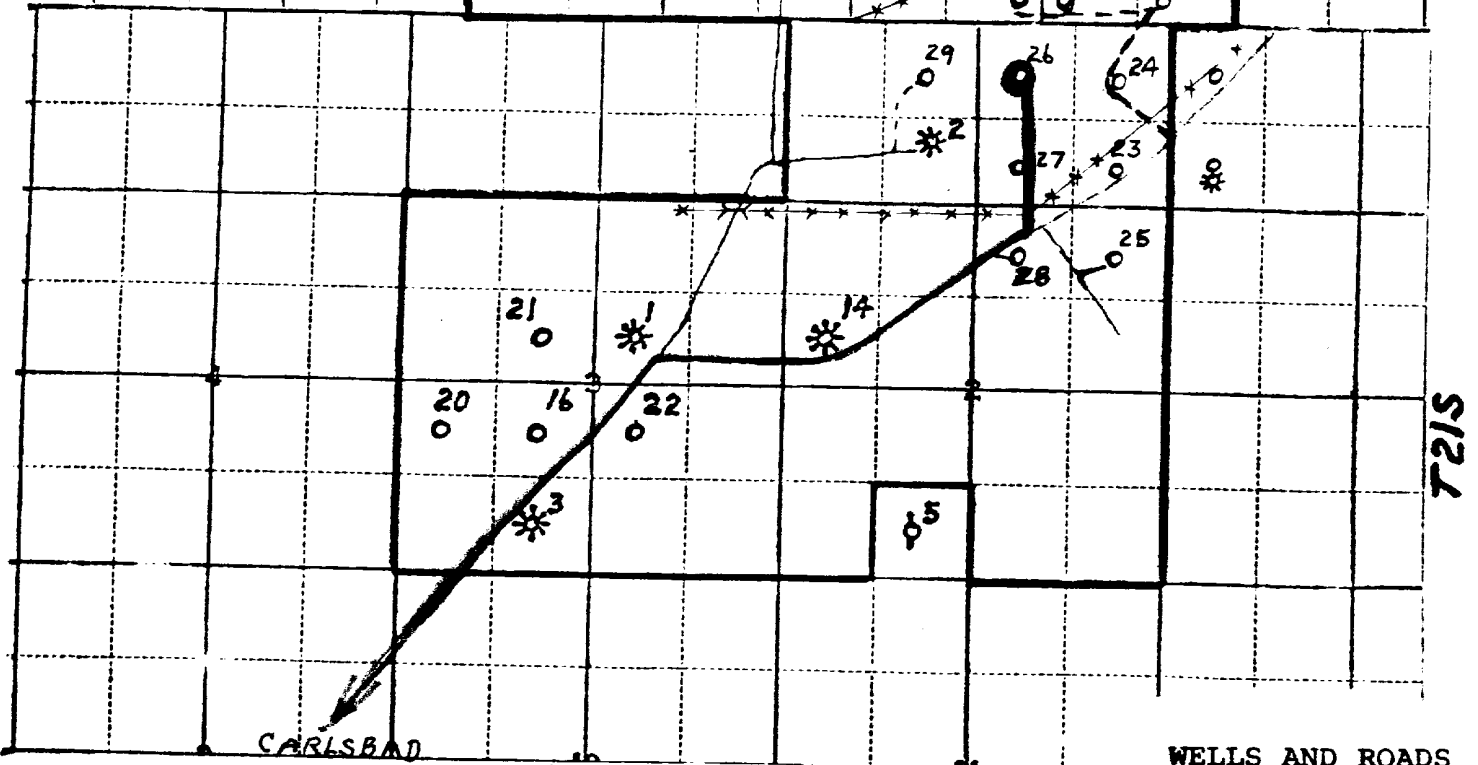


THE BLOWOUT PREVENTER STACK  
 3000 Psi Working Pressure

R 28E



T 20S



T 21S

CARLSBAD

R 27E

WELLS AND ROADS