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

5A. Indicate Type of Lease  
STATE  FEE

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
MONSANTO OIL COMPANY

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

4. Location of Well  
UNIT LETTER Lot 7 G LOCATED 1612' FEET FROM THE North LINE  
AND 1980' FEET FROM THE East LINE OF SEC. 2 TWP. 21S RGE. 27E NMPM

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

8. Farm or Lease Name  
Burton Flat Deep Unit

9. Well No.  
27

10. Field and Pool, or Wildcat  
Wildcat

17. County  
Eddy

19. Proposed Depth  
5700'

19A. Formation  
Bone Spring

20. Rotary or C.T.  
Rotary

21. Elevations (show whether DF, KT, etc.)  
3195' GL

21A. Kind & Status Plug. Bond  
Statewide

21B. Drilling Contractor  
Unknown

22. Approx. Date Work will start  
March 20, 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 150 DAYS  
9-9-84  
GERRY W. LONG

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 Gerry W. Long Title Agent Date March 2, 1984

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

CONDITIONS OF APPROVAL, IF ANY:  
 95/10  
 West. and  
 9D-102/BR.  
 3-16-84

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11  
Supersedes O-118  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

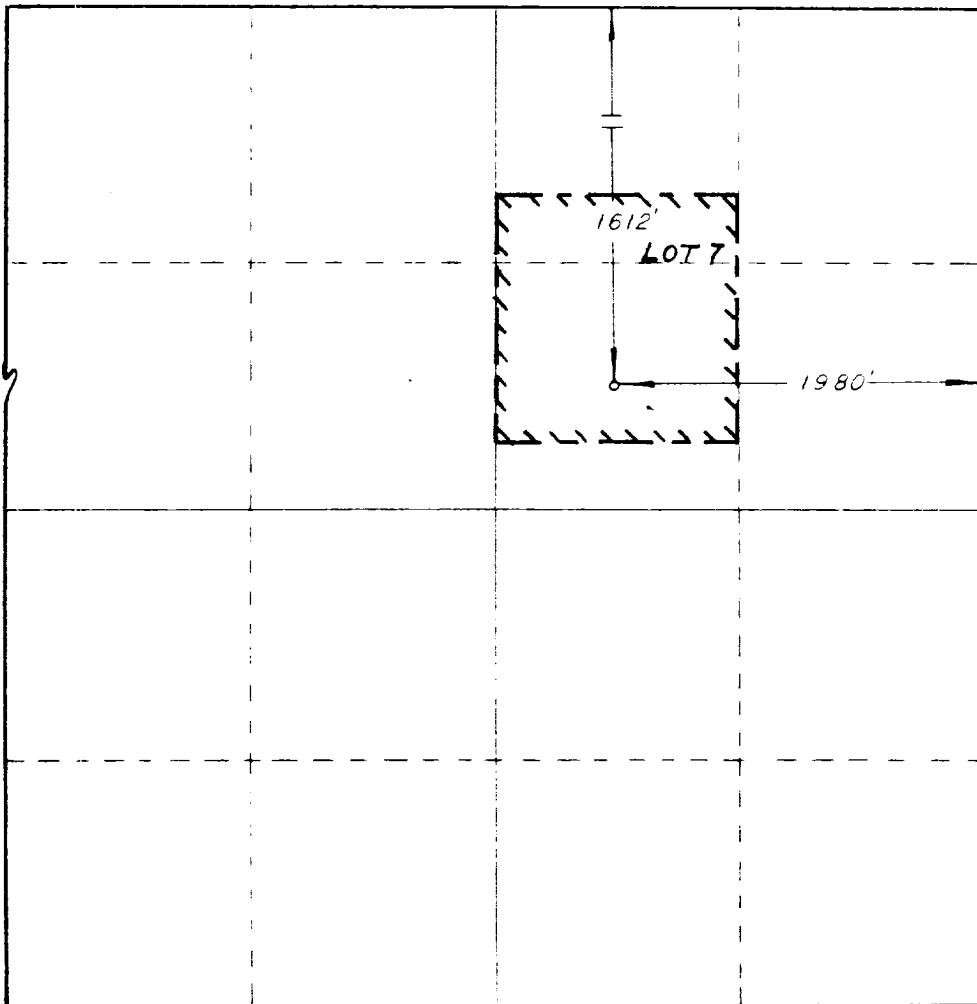
MONSANTO COMPANY			BURTON FLAT UNIT			Well No. #27
Section G	County 2	Township 21-S	Range 27-E	County EDDY		
1612' NORTH		1980' EAST		Benevolent		
3195' Bone Spring		Wildcat		Estimated Acreage 40		

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*  
Name 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

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280

SUPPLEMENTAL DRILLING DATA

MONSANTO OIL COMPANY  
No.27 Burton Flat Deep Unit  
Lot 7, Sec.2-21S-27E  
Eddy County, N.M.

L-2766

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

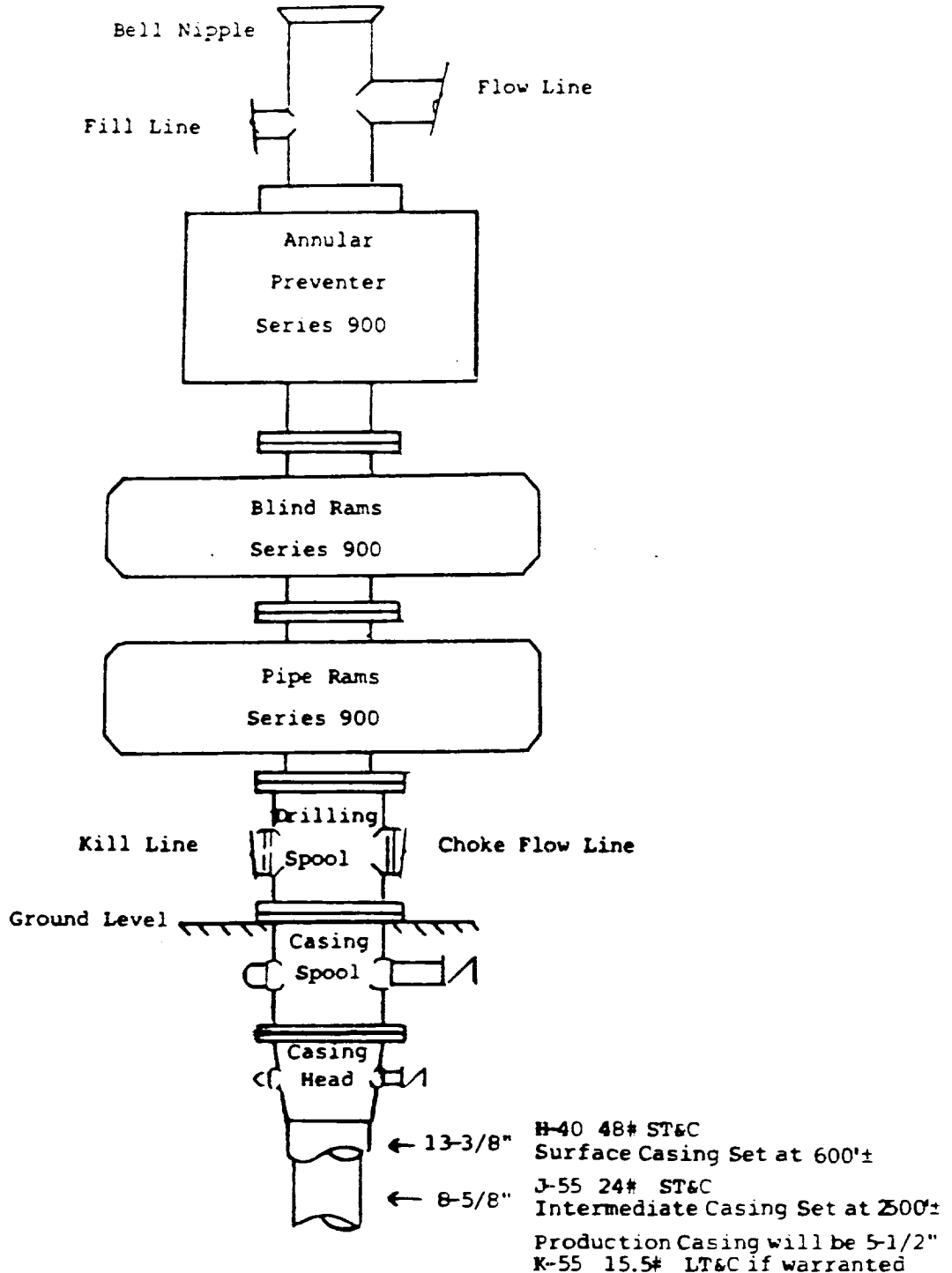
1. PROPOSED CASING PROGRAM:

- 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.

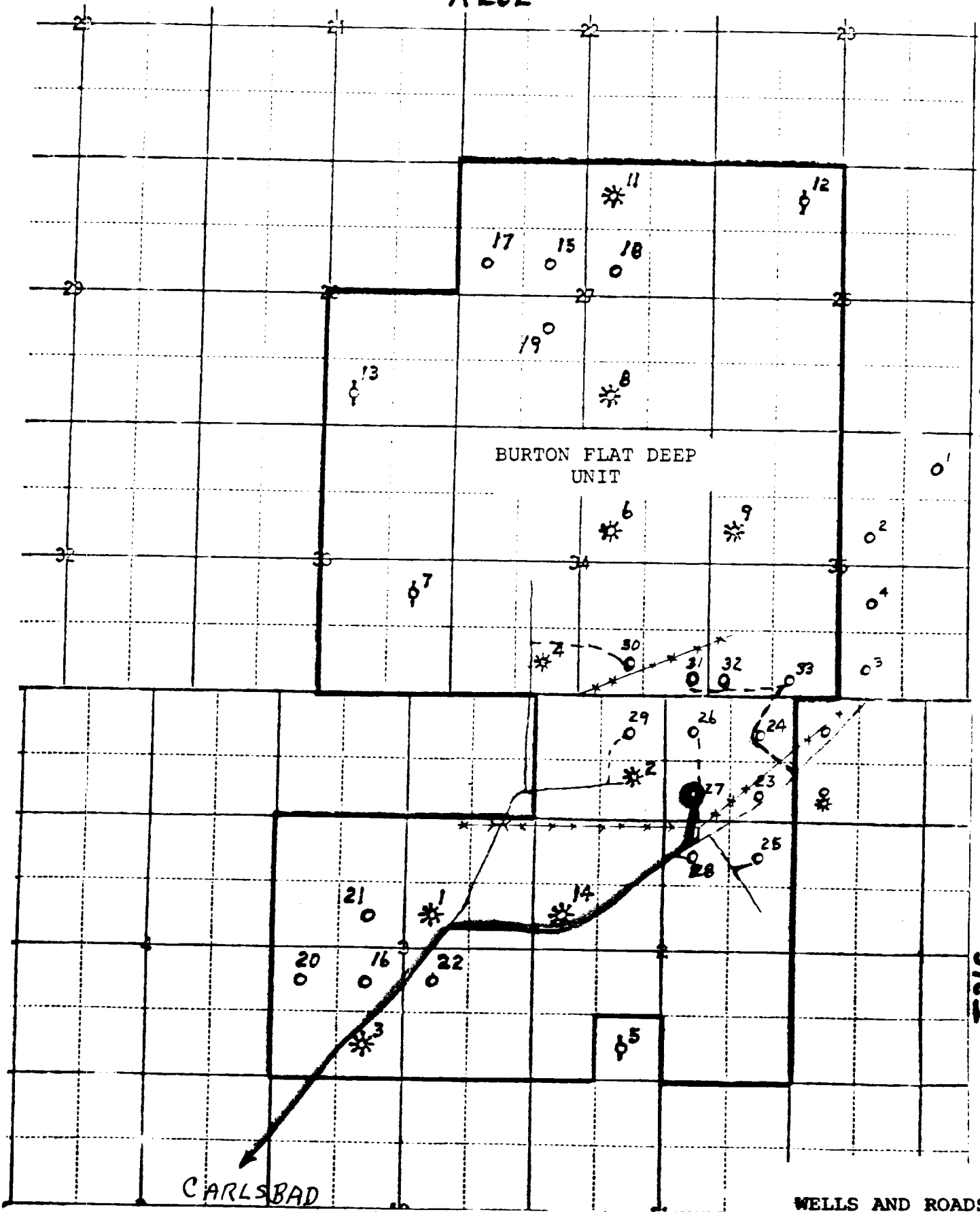
2. PRESSURE CONTROL EQUIPMENT: Pressure control equipment will include a 3000#WP blowout preventer stack with Series 900 annular preventer and Series 900 blind and pipe rams. The BOP stack will include a kill line and choke manifold tested to 2000 psi. BOP hydraulic controls will be operated at least 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.27 Burton Flat Deep Unit  
 Lot 7, Sec.2-21S-27E  
 Eddy County, N.M.



THE BLOWOUT PREVENTER STACK  
 3000 Psi Working Pressure

R 28 E



BURTON FLAT DEEP UNIT

CARLSBAD

WELLS AND ROADS

R 27 E

T 20 S

T 21 S