

30-015-14736

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

Form C-101  
Revised 10-1-78

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P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501RECEIVED BY  
DEC 28 1983

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	L-2766	

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

1a. Type of Work <i>Jerry Long</i>		DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
b. Type of Well		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		OTHER <input type="checkbox"/>	
2. Name of Operator		MONSANTO OIL COMPANY					
3. Address of Operator		First City Center, Ste. 1300 500 West Texas, Midland, Texas 79701					
4. Location of Well		UNIT LETTER <u>Lot 9</u> LOCATED <u>2932'</u> FEET FROM THE <u>North</u> LINE AND <u>660'</u> FEET FROM THE <u>East</u> LINE OF SEC. 2 TWP. 21 S RGE. 27 E NMPM					
11. Elevations (show whether DH, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor		22. Approx. Date Work will start	
3204' G.L.		Statewide		Unknown		February 1, 1984	
19. Proposed Depth		19A. Formation		20. Rotary or C.T.			
5700'±		Bone-Spring		Rotary			
7. Well No.		25					
8. Farm or Lease Name		Burton Flat Deep Unit					
9. Field and Pool, or Wildcat		Undesignated-Bone Spring					
12. County		Eddy					

23.

## 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	500'±	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	Sufficient 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.

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.

180 DAYS  
6-29-84 5:17 TO  
UNLESS DRILLING UNDERWAY 12-29-84

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 Jerry W. Long Title Agent Date December 22, 1983  
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE DEC 29 1983  
CONDITIONS OF APPROVAL, IF ANY:

Posted & H  
ID-10 h/ Book  
12-30-83

8 9/8 casing

Form C-102  
Supersedes C-128  
Effective 1-1-65

Certificado No. 4882

## SUPPLEMENTAL DRILLING DATA

MONSANTO OIL COMPANY  
No.25 Burton Flat Deep Unit  
Lot 9, Sec.2-21S-27E  
Eddy County, N.M.  
L-2766

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

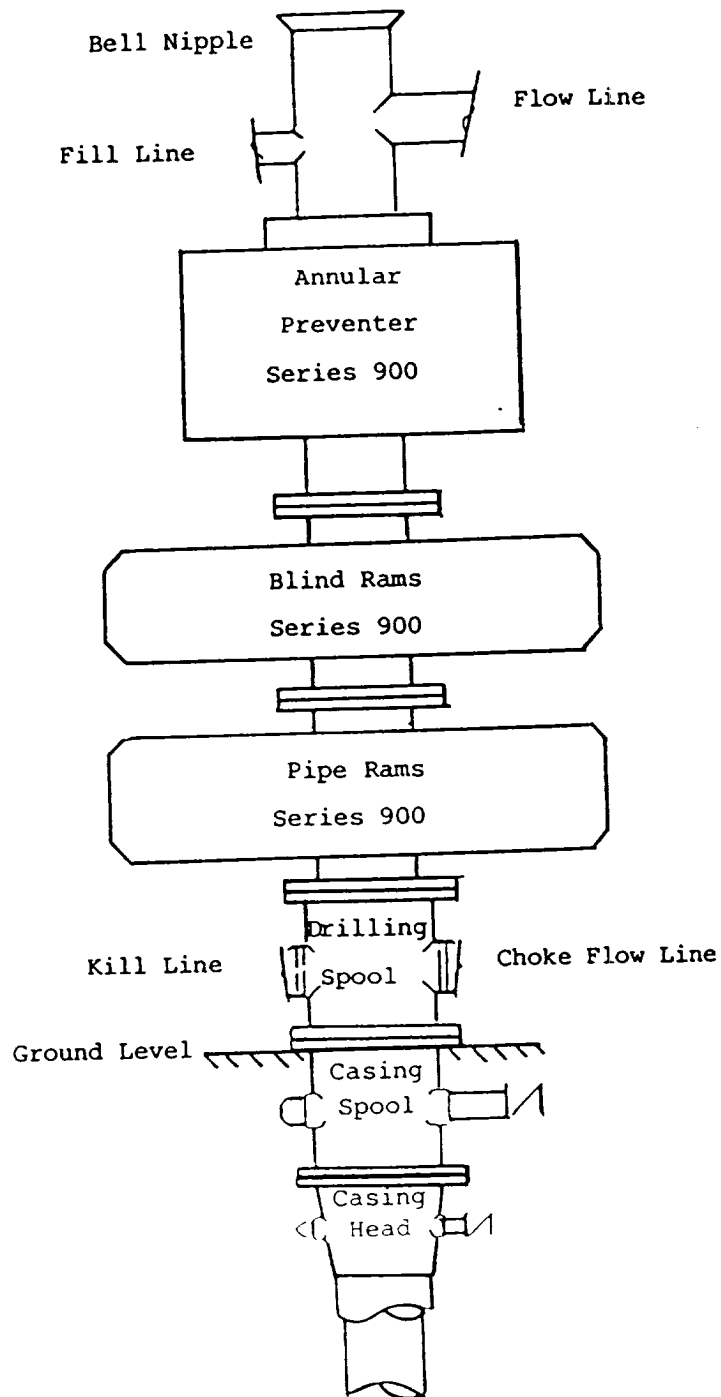
### 1. PROPOSED CASING PROGRAM:

- 13-3/8" Casing - H-40, 48# ST&C casing will be set to 500'± 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.25 Burton Flat Deep Unit  
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Eddy County, N.M.



BLOWOUT PREVENTER STACK  
Rams Operated Daily