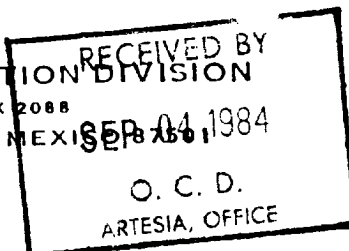


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-101 30-015-24997
Revised 10-1-78

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5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
L-3568

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name Burton Flat Deep Unit No. 14-08-0001-12391
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Burton Flat Deep Unit
2. Name of Operator MONSANTO OIL COMPANY		9. Well No. 37
3. Address of Operator 1300 One First City Center 500 West Texas, Midland, Texas 79701		10. Field and Pool, or Wildcat E. Avalon-Bone Spring
4. Location of Well UNIT LETTER <u>F 2</u> LOCATED 1980' FEET FROM THE South LINE AND 660' FEET FROM THE East LINE OF SEC. 2 TWP. 21S RGE. 27E NMPM		12. County Eddy
19. Proposed Depth 5700'		19A. Formation Bone Spring
20. Rotary or C.T. Rotary		
1. Elevations (Show whether D.F., K.I., etc.) 3212'	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Unknown
		22. Approx. Date Work will start As Soon As Possible

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.

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 H. Long Title Agent Date August 30, 1984
(This space for State Use)

APPROVED BY _____ TITLE GEOLOGIST - NMOCD DATE SEP 5 1984
CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-5-85
UNLESS DRILLING UNDERWAY