

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
OG-1635

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Monsanto Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
101 North Marienfeld, Midland, Texas 79701		Quail Ridge (Bone Springs)	
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 19S RGE. 34E .MPM		11. County	
		Lea	
15. Proposed Depth		19A. Formation	20. Rotary or C.T.
10,400'	Bone Springs	Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
furnish later		upon approval	
21A. Kind & Status of Bond		21B. Drilling Contractor	
Blanket		not awarded	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11-3/4"	42#	425'	400	circ. to surface
10-5/8"	8-5/8"	24# & 32#	4150'	500	2000'
7-7/8"	4-1/2"	11.6#	10,400'	200	9400'

Drill 15" hole to 425' and set and cement 11-3/4" casing to surface. Drill 10-5/8" hole to 4150', set 8-5/8" casing and cement w/500 sx. Drill 7-7/8" hole to 10,400', set and cement 4-1/2" casing w/200 sx. Hole will be drilled w/fluid system. Perforate and treat any zones which indicate they would be commercially productive of oil or gas. Drill stem test all shows of oil or gas. BOP: Ser 1500 hydrill & Ser 1500 dbl. hyd.

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 *W. W. Wood* Title Dist. Prod. Supt. Date Dec. 4, 1967

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: