

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 7005		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Dome Petroleum Corporation			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR c/o Minerals Management Inc. 501 Airport Dr., Suite 105, Farmington, N.Mex. 87401			8. FARM OR LEASE NAME Federal 3		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL, 2310' FWL, SEC. 3, T21N, R6W At proposed prod. zone			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles S/SW of Counselors Trading Post, N. Mex.			10. FIELD AND POOL, OR WILDCAT Wildcat		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 3, T21N, R6W		
16. NO. OF ACRES IN LEASE 520			12. COUNTY OR PARISH Sandoval		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE N. Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6891 GR			22. APPROX. DATE WORK WILL START* November 15, 1976		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.50#	200'	200 sx
8 3/4"	7"	23-26#	6450'	500-700 sx
6 1/4"	4 1/4"	10.50#	6700'	50 sx

Operator proposes to drill a Jurassic test to 6700'. A low solids mud will be used to drill 8 3/4" hole. If casing is run, a liner will be set from TD with 150' overlap inside of 7" casing. A Series 900, 3000 psi WP BOP will be used. Completion data will be determined from logs.

CHANGE OPERATOR FROM FILON EXPLORATION CORPORATION TO DOME PETROLEUM CORPORATION. PREVIOUS APPLICATION TO DRILL WAS SUBMITTED JULY 6, 1976.

NOV 1 1976  
OIL CON. COM.  
DIST. 3

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. Arnold Smith Area Manager  
TITLE Minerals Management Inc DATE October 22, 1976  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side