

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 19617	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Harry Ptasynski			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3 - Casper, Wyoming 82601			8. FARM OR LEASE NAME Nola Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL and 990 FWL Section 3, T23S, R31E. At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 miles West of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat Delaware	
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 U-1-m Section 3, T23S, R31E	
16. NO. OF ACRES IN LEASE 398.81			12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			19. PROPOSED DEPTH 4550'	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* December 20, 1979	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3407.6 GL			23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	850'	435 sacks circulated
7 7/8"	5 1/2"	15 3/4#	4550'	500 sacks

Expected formation tops: Salt 850', Lamar 4430', Delaware 4480'. No unusual water flows or formation pressures have shown anywhere in this area, and are not expected for this location. Reagan 900 Series BOP will be used. Fresh water with some mud will be used to surface casing depth, brine will be used from surface casing to TD, with mud added at base of salt.

NOV 29 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 [Signature] TITLE Agent DATE 11/26/79
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 1-22-80APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: