

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25312

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ re-enter DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Petroleum Energy, Inc.

3. ADDRESS OF OPERATOR  
Box 2121 Durango, Co 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface SE SE 990 N of S line 990 E of W line  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
14 miles Southwest of Shiprock, N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
990'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1520

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5703 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 3/4"	4 1/2"	10.5 #	6000'	200 scks

well was originally drilled by Northwest Pipeline in Jan and Feb 1975. Presently has 13 3/8" at 154 wh 140 scks  
8 5/8" at 1225 wh 600 scks

Operating agreement covers Section 20 -27N-19W in addition to other sections in the immediate area. Total of 5,120 acres.

Compliance Officer and grazing lessors have executed "Consent of Use of Navajo Tribal Lands", Copy attached.

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 Jay Madness TITLE Agent DATE Oct 8, 81  
(This space for Federal or State office use)

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

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

AUTHORIZED ARE Gas not dedicated Hold C104 for approved cementing Program  
SUBJECT TO COMPLY WITH ATTACHED "GENERAL REQUIREMENTS" Cement needs for circulation to next

5. LEASE DESIGNATION AND SERIAL NO.  
Operating Agreement

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
1 Barbara Kay

10. FIELD AND POOL, OR WILDCAT  
WC

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA  
Beautiful Mtn-Miss.  
20-27N-19W

12. COUNTY OR PARISH 13. STATE  
San Juan New Mexico

16. NO. OF ACRES IN LEASE agreement  
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 (miss)

19. PROPOSED DEPTH 6000'  
20. ROTARY OR CABLE TOOLS rotary

22. APPROX. DATE WORK WILL START\*  
Dec 1, 1981

