

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL
 DRILL ☐ DEEPEN ☒ PLUG BACK ☐

2. TYPE OF WELL
 OIL ☐ GAS ☒ WELL OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

3. NAME OF OPERATOR
 PETROLEUM ENERGY, INC.

4. ADDRESS OF OPERATOR
 P. O. BOX 2121 DURANGO, COLORADO 81301

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 1190' FEET FROM SOUTH LINE AND 2510' FEET FROM EAST LINE

6. APPROXIMATE PROD. ZONE
 SAME

7. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 15 MILES SOUTHWEST OF SHIPROCK, NEW MEXICO

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any.)

9. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

10. PROPOSED DEPTH
 5930'

11. PROPOSED CEMENTING PROGRAM

12. TRAIL DESIGNATION AND SERIAL
 OPERATING AGREEMENT

13. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NAVAJO

14. UNIT AGREEMENT NAME

15. FARM OR LEASE NAME
 NAVAJO 20

16. WELL NO.

17. FIELD AND POOL OR WILDCAT
 WILDCAT Mississippian

18. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
 SEC. 20, T27N, R19W

19. COUNTY OR PARISH
 SAN JUAN

20. STATE
 NEW MEXICO

21. NO. OF ACRES IN LEASE
 5120

22. NO. OF ACRES ASSIGNED TO THIS WELL
 160

23. ROTARY OR CABLE TOOLS
 ROTARY

24. APPROX. DATE WORK WILL START

NO.	WELL	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1	1190'	13 3/8"	48#	202'	208 SACKS
2	2510'	8 5/8"	24#	1202'	630 SACKS
3	5670'	5 1/2"	14#	5670'	400 SACKS



DEEPEN FROM 5670' to ESTIMATED 5930'. MISSISSIPPIAN
 2000 SERIES BLOWOUT PREVENTER Use H₂O only for mud
 Set 2 7/8" liner in open hole

Well is not to be produced until after hearing by the
 State of New Mexico in Santa Fe. There is no assurance
 that this deepened portion of this well will ever be
 allowed to be produced.

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.

SIGNATURE Jay D. Wadness DATE AUGUST 11, 1982

APPROVAL DATE ILLEGIBLE

APPROVED AS AMENDED DATE AUG 11 1982

APPROVED BY Elliot

COMMISSIONS OF APPROVAL, IF ANY: