

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒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

1140 N.W. 63rd Street Oklahoma City, Oklahoma 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

660' FSL & 2150' F.E.L.

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

NOO-C-14-20-4158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Indian Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo 32

9. WELL NO.

Ashland Lease

10. FIELD AND POOL, OR WILDCAT

Navajo I-32-1

11. SEC., T., R., M., OR BLK.

Undefined at this time

AND SURVEY OR AREA

Sec. 32, T-27-N, R-19-W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

1271.00

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40.00

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

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

Rotary

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

+5868' GR

22. APPROX. DATE WORK WILL START*

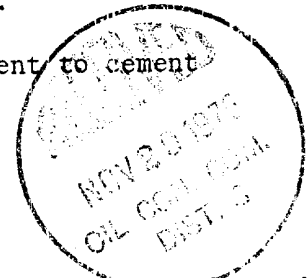
Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"		+100'	Suff. to circulate to surface
12 1/4"	8 5/8"	32#/ft.	1600'	Cement in one stage.

Plan to drill well as follows:

1. Drill 17 1/4" hole to +100'.
2. Set and cement 12 1/4" casing to + 100' & cement with sufficient cement to circulate back to surface.
3. Install BOP and test both sets of rams to 1000 psi for 15 min.
4. Drill 12 1/4" hole to 1600'.
5. Set 8 5/8" casing to 1600'. Cement in one stage with sufficient to cement back to surface.
6. Drill 7 7/8" hole to 6100'.
7. Set and cement 4 1/2" at T.D.
8. Complete through perforations and stimulate as required.



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

Frank P. Hlmann

TITLE

Agent

DATE October 8, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE OCT 1976

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-781-025/VIII-239

Dakota	15'
Morrison	195'
Todilto	1260'
Entrata	1280'
Shinarump	2760'
Moenkopi	2823'
De Chelly	2982'
Hermosa	4735'
Ismay	5234'
Barker Crlex	5475'
Miss.	5812'
Ouray	5940'

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

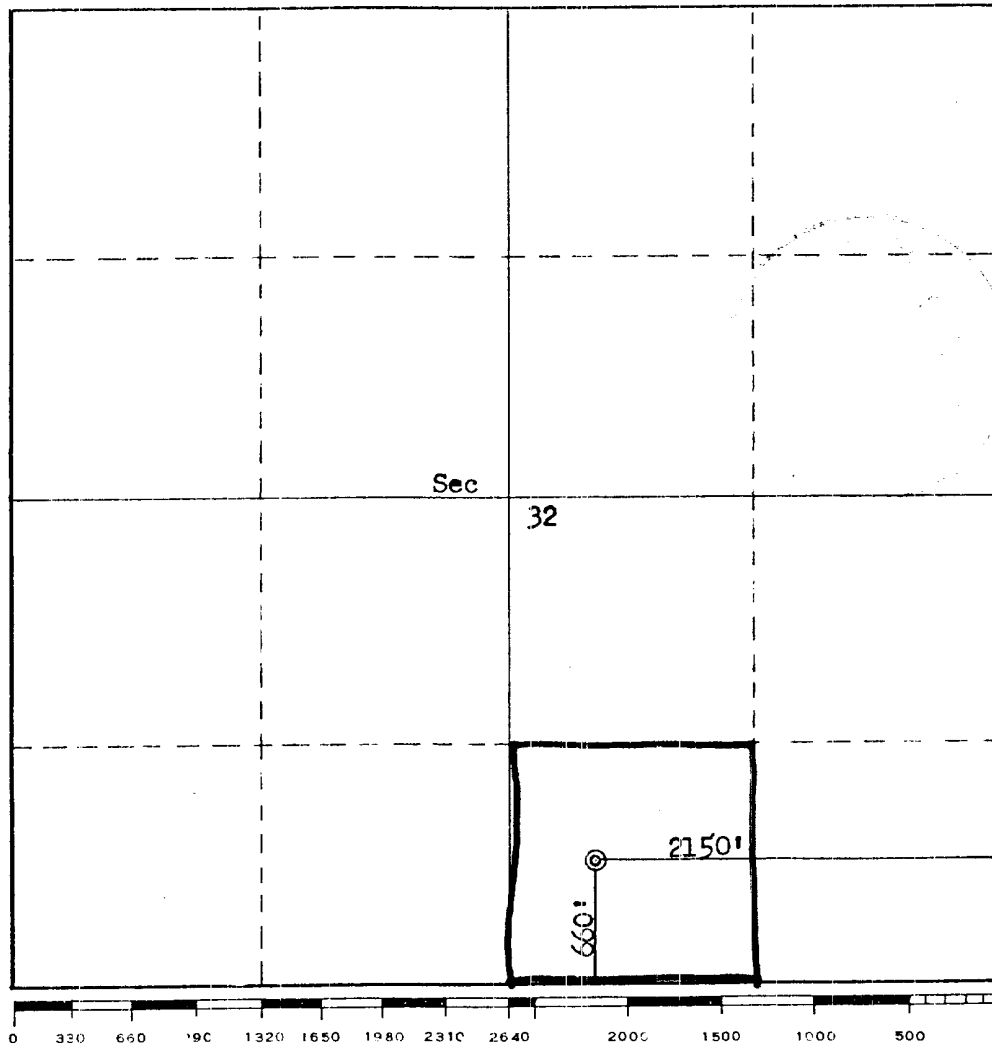
Operator Petroleum Energy Inc.			Lease Navajo 32		Well No. 1-32
Unit Letter 0	Section 32	Township 27N	Range 19W	County San Juan	
Actual Footage Location of Well:					
660 feet from the South line and		2150 feet from the East line			
Ground Level Elev: 5868	Producing Formation	Pool	Dedicated Acreage:		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Position
Company
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed October 7, 1976
Registered Professional Engineer and/or Land Surveyor Fred B. Kerr Jr.
Certificate No. 3950