

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

Re-entry

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Zia Energy, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 603, Hobbs, NM 88240

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

At surface

1650' FNL & 1650' FEL

At proposed prod. zone

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

2 miles South-Southwest of Eunice, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2310'

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

3404' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM


SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	8 5/8"	28#	294'	125

1. It is proposed to re-enter P&A well drilled by Rowan Drilling Co. & completed 7/15/40 at a T.D. of 3704'. Well was P&A on 8/19/46.
2. A pulling unit and reverse circulation equipment will be utilized to attempt the re-entry.
3. The location & roads will be restored. The 4" dry hole marker will be removed.
4. Reverse circulation equipment will be used to drill out cement plugs at the surface, at 642' and at 3592'.
5. 5 1/2" casing repairs will be made by tying into the 5 1/2" at 686' with 5 1/2" 14# casing which will be brought back up to the surface. The 5 1/2" casing from 686' to 3592' will be pressure tested and repaired as necessary.
6. Reverse circulation equipment will be used to drill from 3704' to approximately 3900'.
7. A 4" OD FJ liner will be cemented into place from T.D. back up to 3550'.
8. Logs will be run and the San Andres perforated and tested as necessary.

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



TITLE

Engineer

DATE

9/3/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

GEORGE H. STEWART

TITLE

WIND DISTRICT ENGINEER

DATE

SEP 4 2 1980

CONDITIONS OF APPROVAL, IF ANY: