

Submit - Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-10321

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-3480

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 ☐

7. Lease Name or Unit Agreement Name

Cole State

2. Name of Operator

Zia Energy, Inc.

8. Well No.

1

3. Address of Operator

P.O. Box 2219, Hobbs, NM 88241

9. Pool name or Wildcat

Southwest Funiche San And

4. Well Location

Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line

Section 16 Township 22 South Range 37 East NMPM Lea County

10. Proposed Depth

4000'

11. Formation

San Andres

12. Rotary or C.T.

Rev. circ.

13. Elevations (Show whether DF, RT, GR, etc.)

3405' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Clarke W.S.

16. Approx. Date Work will start

17.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|-------------------------|----------------|-----------------|-----------------|-----------------|----------|
| Original casing strings | will be same | as filed on | original record | | |
| 6 1/8" | 5" OD | 13# | 3984' | 75 | 3499' |

1. RU Clarke Well Service. TOH w/ 2 3/8" tubing, rods, and pump.
2. RU rev. circ. equipment. TIH w/ 6 1/8" bit, 12 - 4 3/4" DC and 2 7/8" work string.
3. Deepen from 3698' to 3984'.
4. Run 5" OD 13# liner from 3499' to 3984'. Hang on Baker Liner Hanger. Cement using 75 s x s cement.
5. Perf. 1 JS @ 3778', 79, 84, 85, 96, 97, 3807, 08, 09, 61, 62, 63, 3913, and 14.
6. Acidize perfs. using 1000 GA.
7. Lay down work string. TIH w/ 2 3/8" tubing.
8. Place well on production.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

Farris Nelson

TITLE

Engineer

DATE

1/18/94

TYPE OR PRINT NAME

Farris Nelson

505/393-2937

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

JAN 25 1994

CONDITIONS OF APPROVAL, IF ANY...