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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Zia Energy, Inc. 3. Address of Operator P. O. Box 2219, Hobbs, NM 88240 4. Location of Well UNIT LETTER <u>II</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>13</u> TWP. <u>24 S</u> RSE. <u>36 E</u> NADPM 17. County Lea 19. Proposed Depth PB 3150 19A. Formation Yates 20. History of C.O. 21. Elevations (Show whether DE, RI, etc.) 3000' GR 21A. Kind & Status Plug, Bend Blanket on File 21B. Drilling Contractor Well Servicing Unit 22. Approx. Date Work will start 1/20/89		7. Unit Agreement Name 8. Farm or Lease Name Toby 9. Well No. 1 10. Field and Pool, or Wildcat Jalmat Y/SR oil
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23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
Same as originally filed					

- Well has produced in the past from perforations and open hole. Perforations from 3200 to 3447' and open hole from 3447' to 3615'. This zone was producing from the lower Seven Rivers and the Queen formations in the Langlie Mattix field.
- It is proposed to set a RBP at approximately 3150'. Perforate zones of porosity in the Yates formation from 3000' to 3100'. Set a packer at 2950' and breakdown perforations with 1500 gallons of acid. Rig up and swab and/or pump to test the productive capacity of the zone.
- After initial testing, it may be necessary to fracture treat.
- Evaluate both the Jalmat oil and Langlie Mattix with the possibility of seeking Oil Conservation Division approval to downhole commingle 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.

Signed MJ Nelson Title Engineer Date 1/17/89

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAN 20 1989

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

Operator Zia Energy, Inc.			Lease Toby		Well No. 1
Unit Letter H	Section 13	Township 24 South	Range 36 East	County Lea	
Actual Footage Location of Well: 2310 feet from the North line and 330 feet from the East line					
Ground Level Elev. 3000'	Producing Formation Yates		Pool Jalmat Y/SR oil		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division

CERTIFICATION

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

M. J. Nelson

Name

Position Engineer

Company Zia Energy, Inc.

Date

1/10/80

Date

I hereby certify that the well location shown on this plot 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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

