

Submit to 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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells) 30-025-29126	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Toby	
8. Well No. 2	
9. Pool name or Wildcat Jalmat-Yates, SR, Qu.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>					
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator Zia Energy, Inc.					
3. Address of Operator P.O. Box 2210, Hobbs, NM 88241					
4. Well Location Unit Letter H : 1650 Feet From The North Line and 990 Feet From The East Line Section 13 Township 24 South Range 36 East NMIM Lea County					
10. Proposed Depth PBD 3350'		11. Formation Yates, SR, Qu.		12. Rotary or C.T. -	
13. Elevations (Show whether DF, RT, GR, etc.) 3315' BKB		14. Kind & Status Plug Bond Blanket		15. Drilling Contractor -	
16. Approx. Date Work will start 9/15/95					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
Same As Original					

1. Move in and rig up well servicing unit. Pull rods, pump and tubing.
2. Perforate zones of porosity in Yates & Seven Rivers from 3016' to 3276'.
3. Fracture treat using gelled water, CO<sub>2</sub> and 125,000 # of sand between a packer and bridge plug.
4. Set a retrievable bridge plug at approximately 3375'. Rerun production tubing, rods, & pump.
5. Place well on production to test.

OPEN UGRI NO. 29616  
PROPERTY NO. 13037  
POOL CODE 33820  
EST. DATE 9/1/95  
API NO. 30-025-29126

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 9/1/95  
TYPE OR PRINT NAME Farris Nelson TELEPHONE NO. 505/393-2937

(This space for State Use)

APPROVED BY Geologist TITLE Geologist DATE 9/1/95

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

Plugback