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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name L.D. Jones	
2. Name of Operator Zia Energy, Inc.		9. Well No. 1	
3. Address of Operator P.O. Box 2219, Hobbs, New Mexico 88240		10. <i>Unit Agreement</i> House Yates SR (Gas)	
4. Location of Well UNIT LETTER <u>H</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>1</u> TWP. <u>20 S</u> RGE. <u>38 E</u> NMPM		12. County Lea	
21. Elevations (show whether DI, RT, etc.) 3593 GL		19. Proposed Depth 19A. Formation Yates Seven Riv	
21A. Kind & Status Plug, Bond Blanket		22. Approx. Date Work will start 12/18/86	
21B. Drilling Contractor Eunice Well Service		23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
1 1/2"	13 3/8"	48#	325	325	Circulated
1 1/2"	8 5/8"	32#	3145	1180	Circulated
5 1/2"		15.5#	7531	450	4500'

- Casing Program will be the same as already filed.
- Run tbg to 6200'. Pump 5 bbls 10# brine w/25#/bbl of gell. Mix and pump 50 sacks cl "C" c Displace cement across Blinbry perms from 6070' to 6246'. Estimated top of plug 5800'. Pull Tbg and shut down.
- Run tbg and tag top of cement plug. Expect top of plug above 5970'. Pull tbg.
- Perforate as necessary at or below top of Grayburg which is at 3857'. Set cmt retainer 50' above holes. Break circulation to surface. Mix and pump cmt. Circulate cmt to surface. When cmt has circulated to surface through the 5 1/2"- 8 5/8" annulus, pull out of retainer Pull up tbg and circulate out excess cement, leaving at least 50' on top of retainer. Pull tbg and shut down.
- Perforate Yates Seven Rivers. Treat perforations with approximately 2000 gals of 15% NEFE acid. Pull out of hole with treating equipment.
- Run Tbg, pump, and rods. Hang well on and test.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO DUCTIVE 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 DE Bratten Title Engineer Date 12/17/86

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEC 17 1986

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

Operator Zia Energy, Inc.		Lease L.D. Jones		Well No. 1
Unit Letter H	Section 1	Township 20 South	Range 38 East	County Lea
Actual Footage Location of Well: 2310 feet from the North line and 330 feet from the East line				
Ground Level Elev. 3593'	Producing Formation Yates- Seven Rivers	Pool House Yates Seven Rivers (Gas)	Dedicated Acreage: 160 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 Division

CERTIFICATION

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

Name **DE Bratto**

Position
Engineer

Company
Zia Energy, Inc.

Date
12/17/86

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 _____

Registered Professional Engineer
and/or Land Surveyor

Certificate No. _____

