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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-1-84

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. Name of Operator

Zia Energy, Inc.

3. Address of Operator

P.O. Box 2219, Hobbs, NM 88240

4. Location of Well

UNIT LETTER **J** LOCATED **1650** FEET FROM THE **South** LINE AND **2219** FEET FROM

THE **East** LINE OF SEC. **4** TWP. **22S** RGE. **37E** NMPM

15. Date Spudded

2/9/85

16. Date T.D. Reached

2/15/85

17. Date Compl. (Ready to Prod.)

3/4/85

18. Elevations (DF, RKB, RT, GR, etc.)

3447' - RKB

19. Elev. Casinghead

3436' GR

20. Total Depth

4200'

21. Plug Back T.D.

4145'

22. If Multiple Compl., How Many

23. Intervals Drilled By

0-4200'

Rotary Tools

Cable Tools

24. Producing Interval(s), of this completion + Top, Bottom, Name

3862' - 3972' Grayburg

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR - CNL, FDL, Cal.

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	350'	12 1/4"	300-cl "c" - cmt. circ. to surface	
5 1/2"	14#	4200'	7 7/8"	650 s x s Pacemaker Lite plus 475 s x s cl "c" neat - circ. 47	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	3985'	NONE

31. Perforation Record (Interval, size and number)

**3862' - 66, 3868' - 70', 3872' - 76',
3878' - 83', 3855' - 87', 3890' - 92', 3895' -
97', 3906' - 10', 3940' - 44', 3966' - 72' -
2JSPP w/.4" hole dia.**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3940' - 72'	1500 gals 15% HCL
3862 - 3910	2500 gals 15% HCL

33. PRODUCTION

Date First Production 3/4/85		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" X 1 3/4" X 16'				Well Status (Prod. or Shut-in) Producing	
Date of Test 3/15/85	Hours Tested 24	Choke Size --	Prod'n. For Test Period → 5.1	Oil - Bbl. 313	Gas - MCF 375	Water - Bbl. 375	Gas - Oil Ratio 61.372
Flow Tubing Press. -----	Casing Pressure 35	Calculated 24-Hour Rate → 5.1	Oil - Bbl. 313	Gas - MCF 375	Water - Bbl. 375	Oil Gravity - API (Corr.) 35.1	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Gas sold to Warren Petroleum

Test Witnessed By

M. F. Nelson

35. List of Attachments

GR - CNL, FDL, Cal & inclination survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

M F Nelson

TITLE

Engineer

DATE

3/18/85

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1100'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1238'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2425'</u>	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2632'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2910'</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3304'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3600'</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES			
No. 1, from <u>3472'</u> to <u>3568'</u>	No. 4, from <u>3768'</u> to <u>3823'</u>		
No. 2, from <u>3602'</u> to <u>3614'</u>	No. 5, from <u>3862'</u> to <u>3972'</u>		
No. 3, from <u>3670'</u> to <u>3710'</u>	No. 6, from _____ to _____		

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet.
No. 2, from _____ to _____	feet.
No. 3, from _____ to _____	feet.
No. 4, from _____ to _____	feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	50'	50	Surface soil & Caliche				
50'	980'	930	Red Beds				
980'	1150'	170	Red Beds & Anhydrite				
1150'	1238'	88	Anhydrite				
1238'	2425'	1187	Salt				
2425'	3470'	1045	Anhydrite & Colomite				
3470'	4200'	730	Anhydrite & Colomite w/ Sand stringers.				

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MAR 18 1985

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HOLDING OFFICE