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Form C-105
Revised 10-84

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

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

1a. Indicate Type of Lease
 State ☐ Fee ☒

2. Name of Operator
Zia Energy, Inc.

1b. Lease Agreement Name

3. Address of Operator
P.O. Box 2219, Hobbs, NM 88240

1c. Term or Lease Name
Toby

4. Location of Well

1d. Well No.
2

UNIT LETTER **H** LOCATED **1650** FEET FROM THE **North** LINE AND **990** FEET FROM

1e. Field and Pool, or Wildcat
Langlie Mattix

THE **East** LINE OF SEC. **13** T. **24S** R. **36E** S. **4** NE **1/4** **Lea** COUNTY

15. Date Spudded **2/3/85** 16. Date First Production **2/11/85** 17. Date Ready to Produce **3/15/85** 18. Perforations (DF, RKB, RT, GR, etc.) **3315' - RKB** 19. Elev. Casinghead **3304' - GR**

20. Total Depth **3800'** 21. Plug Back P.D. **3775'** 22. If Multiple Completions, Flow Many **0-3800'** 23. Intervals Perforated by Rotary Tools Cable Tools

24. Producing Interval(s), at this completion - Top, Bottom, Name **3533' - 3763' Queen** 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run **GR - CNL, FDL, Cal** 27. Was Well Cored **No**

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#	393'	12 1/4"	350 s x s - circulated	42 s x s to surface
5 1/2"	14#	3800'	7 7/8"	750 s x s Pacemaker Lite plus 300 s x s cl" c" circulated	98 s x s to surface

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NONE					2 3/8"	3510'	NONE

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3533'-37'	3568'-74'	3587'-90'		3533'-3764'	2500 gal 15% HCL
3604'-14'	3626'-36'	3641'-45'			Frac using 80,000 gals
3652'-55'	3664'-68'	3680'-84'			9# gelled brine w/ 160,000
3688'-92'	3703'-08'	3730'-34'			# of sand
3758'-64'					

33. PRODUCTION							
Date First Production				Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)
3/15/85				Pumping - 2" X 1 1/2" X 16"			Producing
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/17/85	24			19.5	52	98.9	2667
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
----	20#		19.5	52	98.9	36.3	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Sold to El Paso Natural Gas** 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 State 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 run 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 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1163'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1340'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2840'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3003'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3270'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3566'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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 _____ 3553' to _____ 3764' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ 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'	1163'	1113'	Red Beds				
1163'	1340'	177'	Anhydrite				
1340'	2840'	1500'	Salt				
2840'	3800'	960'	Anhydrite & dolomite w/ sand stringers				

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