

Submit to Appropriate
District Office
State Lease — 6 copies
Fee Lease — 5 copies
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazes Rd., Aztec NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-025-36024

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-3480

7. Lease Name or Unit Agreement Name

Cole State

8. Well No.

15

9. Pool name or Wildcat

Eunice San Andres SW

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER _____

b. Type of Completion:

NEW

WORK

PLUG

DIFF

WELL ☒

OVER ☐

DEEPEN ☐

BACK ☐

RESVR ☐

OTHER _____

2. Name of Operator

Zia Energy, Inc.

3. Address of Operator

PO Box 2510, Hobbs, NM 88241

4. Well Location

Unit Letter C

660

Feet From The North

Line and 1780

Feet From The West

Line

Section 16

Township 22s

Rang. 37E

NMPM Lea

10. Date Spudded

11/18/02

11. Date T.D. Reached

11/24/02

12. Date Compl. (Ready to Prod.)

12/11/02

13. Elevations (DF& RKB, RT, GR, etc.)

3408 GR

14. Elev. Casinghead

15. Total Depth

4217

16. Plug Back T.D.

4172

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

3772-3834, Eunice San Andres Southwest

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

GR/CNL/CBL

22. 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#	1127	12 1/4"	650 sxs	0
5 1/2"	15.50#	4217	7 7/8"	975 sxs	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	4095	

26. Perforation record (interval, size, and number)

3772-82' & 3824-34', 40 holes

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

DEPTH INTERVAL

3772-3834

AMOUNT AND KIND MATERIAL USED

5000 gals 15% NEFE

28.

PRODUCTION

Date First Production

12/26/2002

Production Method (Flowing, gas lift, pumping. Size and type pump)

Pumping

Well Status (Prod. Or Shut-in)

Prod

Date of Test

1/16/2003

Hours Tested

24

Choke Size

Prod'n. For
Test Period

Oil - Bbl.

2

Gas - MCF

82

Water - Bbl.

60

Gas - Oil Ratio

41000

Flow Tubing Press.

Casing Pressure

Calculated 24-
Hour Rate

Oil- Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

30.7

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

Sold

Test Witnessed By

Scott Nelson

30. List Attachments

Inclination Survey, Logs

31. 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

Signature

Scott Nelson

Printed Name Scott Nelson

Title Engineer

Date 1/16/03

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

T. Anhy _____
 T. Salt _____
 B. Salt 2410
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres 3770
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland - Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1 from 3770 to 4050
 No. 2 from _____ to _____
 No. 3, from _____ to _____
 No. 4, 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.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickenss In Feet	Lithology	From	To	Thickenss In Feet	Lithology
0	310	310	Caliche, Sand & Red Beds				
310	400	90	Red beds				
400	1130	730	Red Beds & Anhydrite				
1130	1220	90	Anhydrite				
1220	2410	1190	Salt & Anhydrite				
2410	3330	920	Anhydrite & Dolomite				
3330	3590	260	Anhydrite & Sand				
3590	4160	570	Dolomite				