

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 Brazos 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 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-025-34146

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Abe Unit

8. Well No.

2

9. Pool name or Wildcat

Undesignated Legg Atoka Morrow

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

Santa Fe Energy Resources, Inc.

3. Address of Operator

550 W. Texas, Suite 1330, Midland, TX 79701

4. Well Location

Unit Letter H : 1650' Feet From The North Line and 660' Feet From The East Line

Section 29

Township T-21S

Range R-33E

NMPM

Lea

County

10. Date Spudded

10/28/97

11. Date T.D. Reached

12/20/97

12. Date Compl.(Ready to Prod.)

2/10/98

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

3703' GR

14. Elev. Casinghead

15. Total Depth

15,010'

16. Plug Back T.D.

14,805'

17. If Multiple Compl. How Many Zones?

N/A

18. Intervals Drilled By

Rotary Tools

All

Cable Tools

N/A

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

14,467' - 14,576' (Morrow)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

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
13-3/8"	54.5#	1665'	17-1/2"	1650 sx "C" (circ'd)	N/A
9-5/8"	40.0#	5198'	12-1/4"	1680 sx Poz & C-Neat (1"	to surf) N/A
7"	26.0#	12,148'	8-3/4"	1175 sx Poz H (TOC 6010')	N/A

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	11.858'	15.008'	290 sx C1 H		2-3/8"	14.350'	14.350'

25. TUBING RECORD

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

14,840-14,844' - plugged

14,467-14,487' - open

14,566-14,576' - open

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

14,840-14,844'

CIBP @ 14,830' w/25' cmt on top

14,467-14,576

500 gal 7.5% Morrow acid.

3000 gal 7.5% HCl acid & 60 BS.

28. PRODUCTION

Date First Production

2/10/98

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

Flowing

Well Status (Prod. or Shut-in)

Shut-in

Date of Test

3/25/98

Hours Tested

4

Choke Size

varied

Prod'n For Test Period

0

Oil - Bbl.

0

Gas - MCF

31

Water - Bbl.

0

Gas - Oil Ratio

N/A

Flow Tubing Press.

3954-2295#

Casing Pressure

Pkr.

Calculated 24-Hour Rate

0

Oil - Bbl.

0

Gas -MCF

AOF 381

Water - Bbl.

0

Oil Gravity - API (Corr.)

N/A

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

Vented during test.

Test Witnessed By

2286

30. List Attachments

C-104. Deviation Survey. C-122 w/attachments. 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

Terry McCullough

Printed Name

Terry McCullough

Title

Sr. Prod. Clerk

Date

5/19/98

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

Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>13355</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>13563</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
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. Delaware Sand <u>5533</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>8708</u>	T. Entrada _____	T. _____
T. Abo _____	T. Morrow <u>13726</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>11792</u>	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 14,566 to 14,572
No. 2, from 14,466 to 14,488
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.....tofeet

No. 2, from.....tofeet

No. 3, from.....tofeet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology