

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-33061

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-3523

7. Lease Name or Unit Agreement Name

Abe Unit

8. Well No.

1

9. Pool name or Wildcat

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 0 : 760' Feet From The South Line and 1980' Feet From The East Line

Section 28

Township T-21S

Range R-33E

NMPM

Lea County

10. Date Spudded
8/25/95

11. Date T.D. Reached
6/18/95

12. Date Compl.(Ready to Prod.)
11/29/95

13. Elevations(DF & RKB, RT, GR, etc.)
3661' GR

14. Elev. Casinghead

15. Total Depth
15,100'

16. Plug Back T.D.
14,455'

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
14,163' - 14,170' (Morrow)

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

AIL/DLL/MSFL; LDT/CNL

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#	1650'	17-1/2"	1800 sx "C" (circ'd)	None
9-5/8"	40.0#	5219'	12-1/4"	2300 sx Lite & C	circ'd N/A
7"	26.0#	12,221'	8-3/4"	1110 sx H (TOC 6520')	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2"	11,894'	15,098'	275 sx H	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	14,126'	14,126'

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

14,871-14,889' (72 holes) - plugged
14,510-522' & 14,638-665' (156 holes)-plugged
14,163'-14,170' (28 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
14,871-14,889'	CIBP @ 14,850'
14,510-14,665'	CIBP @ 14,490' w/35' cmt on top.

28. PRODUCTION

Date First Production
11/29/95

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

Well Status (Prod. or Shut-in)
Shut-in

Date of Test
11/30/95

Hours Tested
4

Choke Size
varied

Prod'n For Test Period
13

Oil - Bbl.
623

Gas - MCF
0

Water - Bbl.
0

Gas - Oil Ratio
47.958

Flow Tubing Press.
5350

Casing Pressure
Pkr.

Calculated 24-Hour Rate
78

Oil - Bbl.
AOF 7783

Gas - MCF
0

Water - Bbl.
0

Oil Gravity - API (Corr.)
53.0 deg

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

Vented during test. El Paso Natl. Gas will connect 1/1/96

Test Witnessed By

30. List Attachments

C-104, Deviation Survey, C-122, 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 12/21/95

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. Canyon _____
T. Salt 3500'	T. Strawn 13,375'
B. Salt 5200'	T. Atoka 13,576'
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand 5300'
T. Drinkard _____	T. Bone Springs 8732'
T. Abo _____	T. Morrow 13,972'
T. Wolfcamp 11,910'	T. L. Morrow 14,842'
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northeastern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
5300	8700		Sandstones/Shales/Lime's				
8700	11910		Limestones/Sandstones/Sh				
1191	0	13375					
Shal	es/Car	bonate	s				
1337	5	13576					
Lime	stone	13576	13972				
	Limes	tone/Sh	ale/Sand.				
1397	2	15100					
Shal	e/San	d/Lime					