

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

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

WELL API NO.

30-015-26397

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-6846

7. Lease Name or Unit Agreement Name

Muskegon 20 State Com

8. Well No.

1

9. Pool name or Wildcat

South Empire South Morrow

WELL COMPLETION OR RECOMPLETION REPORT AND
O. C. D. ARTESIA OFFICE

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 Operating Partners, L.P.

3. Address of Operator

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

4. Well Location

Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line

Section 20

Township 17S

Range 29E

NMPM

Eddy

County

10. Date Spudded

8-28-90

11. Date T.D. Reached

9-25-90

12. Date Compl. (Ready to Prod.)

12-29-90

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

3605' GR

14. Elev. Casinghead

15. Total Depth

Corrected 10,957'

16. Plug Back T.D.

10,915'

17. If Multiple Compl. How

Many Zones? N/A

18. Intervals

Rotary Tools

All

Cable Tools

N/A

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

10,581'-10,764' (Morrow)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

LDT/CNL; MSFL/DLL

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	445'	17-1/2"	1055 sx (circ)	None
8-5/8"	24	2594'	12-1/4"	1450 sx (circ)	None
5-1/2"	17	10,957'	7-7/8"	700 sx	None

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2-3/8"	10,467'	10,415'

25. TUBING RECORD

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

10,581'-10,764' (20 holes) 1-11/16"

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

10,581-764 Spot 500 gal 10% Acedic DI
acid. 5000 gal 7 1/2% Morrow
acid + 40 BS. 63,110 gals

28.

PRODUCTION ALCOEAM. 43,030# 20/40 Interprop II.

Date First Production

10-22-90

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

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

2-14-91

Hours Tested

11

Choke Size

var

Prod'n For

Test Period

Oil - Bbl.

20

Gas - MCF

471

Water - Bbl.

27

Gas - Oil Ratio

23550

Flow Tubing Press.

2189

Casing Pressure

pkf

Calculated 24-

Hour Rate

Oil - Bbl.

44

Gas - MCF

AOF 5480

Water - Bbl.

59

Oil Gravity - API - (Carr.)

55.3

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

Sold

Test Witnessed By

30. List Attachments

C-122, C-104, deviation 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

Terry McCullough

Printed

Name

Terry McCullough

Title

Sr. Prod. Clerk Date 2/20/91

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	9560
T. Salt		T. Strawn	9870
B. Salt		T. Atoka	10123
T. Yates	855	T. Miss	10888
T. 7 Rivers	1106	T. Devonian	
T. Queen	1690	T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	2346	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinberry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo	6004	T. Morrow Clastics	10513
T. Wolfcamp	7130	T.	
T. Penn		T.	
T. Cisco (Bough C)	8781	T.	

Northwestern 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 Otzie	
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 10,537 to 10,765
 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	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
Surf	480	480	Salt and Shale	10150	10550	400	Limestone & Shale
480	540	60	Anhydrite and Dolomite	10550	10800	250	Sand & Shale
540	855	315	Dolomite and Anhydrite	10800	10900	100	Shale
855	1106	251	Sand and Shale	10900	TD	50	Limestone & Shale
1106	1690	584	Dolomite and Shale				
1690	1717	27	Sand				
1717	7130	5413	Dolomite and Shale				
7130	7500	370	Limestone, Dolomite, Shale, Chert				
7500	7700	200	Dolomite, Limestone, Shale				
7700	9200	1500	Limestone				
9200	9340	140	Dolomite & Limestone				
9340	10150	810	Limestone & Shale				