

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.

30-025-34580

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Thistle Unit

8. Well No.

5

9. Pool name or Wildcat

Johnson Ranch (Wolfcamp)

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 Snyder Corporation

3. Address of Operator

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

4. Well Location

Unit Letter **F** : **1980** Feet From The **North** Line and **1980** Feet From The **West** Line

Section **34** Township **23S** Range **33E** NMPM **Lea** County

10. Date Spudded

11/12/99

11. Date T.D. Reached

12/10/99

12. Date Compl. (Ready to Prod.)

4/12/00

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

3656 GL

14. Elev. Casinghead

15. Total Depth

13,722

16. Plug Back T.D.

13,586'

17. If Multiple Compl. How Many Zones?

1

18. Intervals Drilled By

Rotary Tools

XX

Cable Tools

N/A

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

13,225-238' and 13,485-13,541' (Wolfcamp)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Borehole Comp Sonic/GR; Array Induction/Azimuthal LL; CNL/LDT

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	48	590'	17 1/2"	400sx HCL + 200 sx 'C'	NONE
7"	26	12,622'	8 3/4"	1385 SX 50/50 POZ-H	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	12,385	13,722	210 sx		2-3/8"	13,097'	13,132'

25. TUBING RECORD

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

13,225'-13,238' 2 JSPP 1/ 1-11/16" strip gun (Open)
13,485'-13,487'; 13,511'-13,525'; 13,527-13,541 (Open)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13,485-13,541'	30,000 gal x-linked 20% HCL acid w/25% CO2.
13,225-13,238'	2000 gals 15% HCL + 41 RCNBS.

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1/13/00		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/6/00	24	22/64"		19.5	351	66	18,000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
900	150		19.5	351	66	53.1	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold - Duke Energy							

30. List Attachments

Deviation, C-104

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 5/10/00

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 _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	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. Delaware 5248
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. Lower Wolfcamp 13,073
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs 9136	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp 12,422	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 _____ to _____

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