

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At surface (F), 1980' FNL & 1980' FWL, Sec. 19, T-19S, R-31E

At top prod. interval reported below

At total depth

5. Lease Serial No.
NM-90534

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Hackberry "19" Federal No. 1

9. API Well No.
30-015-30092

10. Field or Survey or Area
Hackberry Bone Spring

11. Sec., T., R., M., or Block and Survey or Area
Sec. 19, T-19S, R-31E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
2/1/00

15. Date T.D. Reached
4/14/00

16. Date Completed
☐ D & A ☒ Ready to Prod.
4/5/00

17. Elevations (DF, RKB, RT, GL)*
3416' GR

18. Total Depth: MD
TVD 12,400'

19. Plug Back T.D.: MD
TVD 11,860'

20. Depth Bridge Plug Set: MD
TVD 11,937'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Already submitted

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48.0#	Surf	490'	N/A	675 sx H & C		Circ'd	None
11	8-5/8	32 & 24	Surf	3212'	N/A	1010 sx C & Poz-C & Thix		Circ'd	None
7-7/8	5-1/2	17.0	Surf	12,400'	Unk.	2250 sx Super-C-Mod		3200' (TS)	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	6510'	N/A						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	6641	8826'	6641'-8826'	4"	116 holes	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8796-8826'	42,000 gals x-linked gel w/ 126,000# 16/30 white sand.
6641-6654'	32,000# 16/30 white sand and 23,000 gals x-link gel.
	(ORIG. SGD) GARY GOURLEY

ACCEPTED FOR RECORD

MAY 8 2000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
4/5/00	4/25/00	24	→	54	132	41	42.1	.892	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
N/A	250	40	→	54	132	41	2444	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Delaware	4257
				Bone Spring	6446
				Wolfcamp	10,064
				Strawn	10,952
				Atoka Clastics	11,316
				Morrow	11,462
				Morrow Clastics	11,856

32. Additional remarks (include plugging procedure):

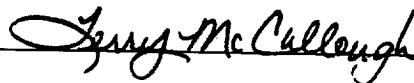
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Terry McCulloughTitle Sr. Production Clerk

Signature

Date 4/28/00

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Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.