

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(If other instructions on reverse side)

Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

OCT 19 11 27 AM '90

7. UNIT OR LEASE NAME

Cartwright North AN Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

North Young Bone Spring

11. SEC. T. R., N., OR BLOCK AND SURVEY OR AREA

Sec. 8, T-18S, R-32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

500 W. Illinois, Suite 500, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

(M) 560' FSL and 990' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. API #

30-025-30945

DATE ISSUED

15. DATE SPUDDED

7-15-90

16. DATE T.D. REACHED

8-4-90

17. DATE COMPL. (Ready to prod.)

9-21-90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3760' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10,800'

21. PLUG, BACK T.D., MD & TVD

8670'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

N/A

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8434'-8450' (Bone Spring)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNT/LDT/GR, DLL/MSFL/GR, BHC Sonic

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	390'	17-1/2	450 sx C1 "C"	None
8-5/8"	24	2471'	12-1/4	800 sx BJ lite + 200 sx C1 "C"	"C"
5-1/2"	15.5 & 17#	10,800'	7-7/8"	1100 sx "H" + 500 sx "H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-3/8"	8489'	TA @ 8334'

31. PERFORATION RECORD (Interval, size and number)

10,410-442' & 10,330-344' (4" gun, 94 holes P&A'd)

8434'-8450' (4" gun, 33 holes, 2 JSPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,410-442	CIBP @ 10,390' w/ 25' cmt on top.
10,330-344	CIBP @ 8700' w/ 30' cmt on top.
8434-8450'	2000 gal 20% HCl Nefe + 48 BS.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-16-90		Pumping - 1½" x 2½" x 26'				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-1-90	24	n/a	→	96	95	139	990
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	42	→	96	95	139	36.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Currently being vented pending gas sales connection

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104, Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Sam McCallough

TITLE

Sr. Production Clerk

DATE

Oct. 8, 1990

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wolfcamp	10410	10440	Hydrocarbons and water
	10330	10340	Hydrocarbons and water
Bone Spring	8430	8615	Hydrocarbons and water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1015	
Top of Salt	1065	
Base of Salt	2320	
Yates	2575	
Seven Rivers	2765	
Queen	3705	
Grayburg	4300	
Delaware	4570	
Bone Spring	6245	
1st Bone Spring		
Sand	7978	
2nd Bone Spring		
Sand	8655	
3rd Bone Spring		
Sand	9308	
Wolfcamp	9592	

RECEIVED
OCT 25 1990
OCD
HOBBS OFFICE