

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Drawer DD
SUBMIT IN DUP
Artesia, NM 88210

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

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Santa Fe Energy Operating Partners, L

3. ADDRESS OF OPERATOR
550 W. Texas, Suite 1330, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
At surface (G), 1980' FNL and 1980' FEL

At top prod. interval reported below

At total depth same

14. PERMIT NO. 30-015-27202
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-53984

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Running Wolf

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat (Delaware)

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

Sec. 15, T-19S, R-31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 11-29-92
16. DATE T.D. REACHED 12-18-92
17. DATE COMPL. (Ready to prod.) SI 3-17-93
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3540.9' GR
19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 6940'
21. PLUG, BACK T.D., MD & TVD 6900'
22. IF MULTIPLE COMPL. HOW MANY* N/A
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
25. WAS DIRECTIONAL SURVEY MADE

6778'-6842' (Delaware) - not productive

No

26. TYPE ELECTRIC AND OTHER LOGS RUN
PDIL/DLL/MSFL; LDT/CNL

27. WAS WELL CORRED
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"	61#	2230'	17-1/2"	2000 sx Lite + 1200 sx "C"	None
8-5/8"	32#	3480'	12-1/4"	125 C-Surefill, 500 sx "C"	None
5-1/2"	15.5#	6935'	7-7/8"	300 sx Lite + 330 sx "C"	None
				plus 300 sx Lite + 100 Neat	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	6627'	N/A

31. PERFORATION RECORD (Interval, size and number)

6778-96', 6809', 6817', 6838-42'
(total of 52 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6778'-6842'	2000 gal 7 1/2% HCl. Frac'd w/ 22,000 gal gelled wtr + 79,000# 16/30 sand

33.* PRODUCTION

DATE FIRST PRODUCTION N/A
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbed 100% water
WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

(ORIG. SGD.) DAVID R. GLASS

35. LIST OF ATTACHMENTS

Logs, Deviation Survey, Sundrey Notice

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

SIGNED Harry McCullough TITLE Sr. Production Clerk DATE 12/28/93

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

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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	549'	
Top Salt	1086'	
Base of Salt	2154'	
Yates	2352'	
Queen	3598'	
Delaware	4712'	
Bone Spring	6866'	

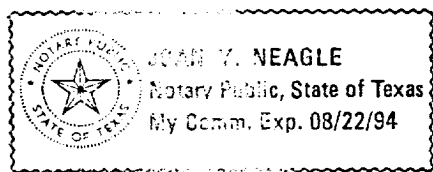
FIELD Undesignated (Delaware) COUNTY Eddy OCC NUMBER _____
OPERATOR Santa Fe Energy Operating Partners ADDRESS 550 W. Texas, Suite 1330, Midland, TX
LEASE Running Wolf WELL NO. 1
SURVEY 1980' FNL & 1980' FEL, Section 15-19S-31E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
473	3/4
967	1
1459	3/4
1953	2
2229	1 3/4
2719	1 1/2
3229	2
3480	1 3/4
3958	1 3/4
4450	1 1/2
4951	1
5444	3/4
5927	1/2
6426	3/4
6797	3/4
6940	3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.



HONDO DRILLING COMPANY

BY: S. C. Thatch
S. C. Thatch, Drilling Superintendent

Sworn and subscribed to before me the undersigned authority, on this the

7th day of January, 1993.

Joan Y. Neagle

Joan Y. Neagle Notary Public in and for Midland County, TX.