

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

00210

(See other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

NM-67102

IF INDIAN, ALLOTTEE OR TRIBE NAME

MAR 9 11 22 AM '89

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Long Knife 35 Federal

WELL NO.

FIELD AND POOL, OR WILDCAT

Delaware

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

Sec. 35, 19S, 29E

COUNTY OR PARISH

Eddy

STATE

NM

ELEV. CASINGHEAD

ROTARY TOOLS

All

CABLE TOOLS

WAS DIRECTIONAL SURVEY MADE

No

WAS WELL CORED

No

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. REVR ☐ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P. ✓

3. ADDRESS OF OPERATOR

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

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

At surface 660' FSL & 810' FEL of Sec. 35

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

11-10-88

15. DATE SPUDDED

12-13-88

16. DATE T.D. REACHED

1-7-89

17. DATE COMPL. (Ready to prod.)

2-15-89

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

3327' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6002

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

5845

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

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

4222-4246 Cherry Canyon Osage Sand

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Compensated Neutron-Litho Density Cmt Bond Log

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
10 3/4	40.5	370	14 3/4	760 sx Cl C & 6 yds ready mix	None
7	23	3200	9 7/8	2250 sx Cl C & Howco Lite	None
4 1/2	10.5	6002	6 1/4	450 sx Cl H Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4258	

31. PERFORATION RECORD (Interval, size and number)

5930-5936', 25 holes, 4 JPF - Plugged

4222-4246', 12 holes, 1 JP2F

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5930-5936	Acdz w/1000 gal 20% NEFe HCl CIBP @ 5880' w/35' cmt on top
4222-4246	Acdz w/750 gal 7 1/2% NEFe HCl Frac w/18,358 gal 2000# FLA 100 & 40,595# 12/20 sd.

33.* PRODUCTION

& 40,595# 12/20 sd.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-15-89		Pumping 10 x 74"					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2-19-89	24		→	78	110	248	1410	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
250	45	→	78	110	248	37.5		

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

Vented

35. LIST OF ATTACHMENTS

Logs, Deviation, C104

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

SIGNED

Billie Hood

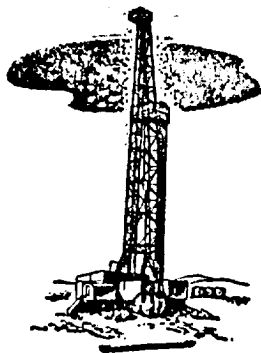
TITLE

Production Clerk

DATE 3-8-89

*(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, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
					Delaware Bone Spring	3544 5880	



Telephone (505) 748-2205

RECEIVED

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 872 MAR 15 1989 ARTESIA, NEW MEXICO 88210

CARL AREA RECEIVED

January 11, 1989

Santa Fe Energy Operating Partners, LP
500 W. Illinois
Suite 500
Midland, TX 79701

MAR 16 '89

O. C. D.
ARTESIA, OFFICE

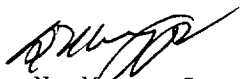
Re: Long Knife 35 Federal No. 1
660' FSL & 660' FEL
Sec. 35, T19S, R29E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

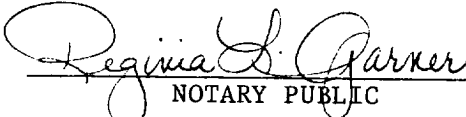
DEPTH	DEVIATION
370'	1/4°
840'	1°
1193'	2 1/4°
1700'	1°
2194'	1 1/4°
2595'	1 1/2°
3200'	1 1/4°
3708'	1°
3984'	1/2°
4457'	1°
4982'	2°
5180'	2°
5662'	1 1/2°
5967'	1 1/4°
6000'	1 1/4°

Very truly yours,


B. N. Mancy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 11th day of January, 1989.


REGINA L. GARNER
NOTARY PUBLIC

