

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-16102

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Northeast Loving 34 Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Dublin Ranch-Monroe

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

34, T22S, R28E

12. COUNTY OR
PARISH
Eddy13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION RECORD 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 Company

3. ADDRESS OF OPERATOR

500 W. Ohio, Midland, Texas 79701

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

At surface 1980' FNL, 1980FEL Sec 34, T22S, R28E

At top prod. interval reported below

At total depth

14. HEIGHT NO.

NA

DATE

12-12-83

O. C. D.

ARTESIA, OFFICE

15. DATE SPUNDED

1-1-84

16. DATE T.D. REACHED

3-16-84

17. DATE COMPL. (Ready to prod.)

5-6-84

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

3051 GL, 3066 KB

19. ELEV. CASINGHEAD

3052

20. TOTAL DEPTH, MD & TVD

12880

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

12,576

22. IF MULTIPLE COMPL.

HOW MANY? NA

23. INTERVALS

DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

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

12,244-12,272

23,392-12,399

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL cmt. Bond, GR-correlation, Dual Laterolog, Densilog Neutron

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
20	94#	417	26	935sx clc & 27cc	None
13 3/8	68#	2628	17 1/2	2300sk-300clc&2000sxlite	#3) None
9 5/8	40#	10950	12 1/2	3140 sx (1170sx c1H, 1970	None
7	26#	11930	8 1/2	700sx cl H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	11660	12880	210sx c1H		2 3/8	1200-7	1200-7

31. PERFORATION RECORD (Interval, size and number)

12,672-12,700-4'-84 holes.

CIPB set @ 12576

12,266-272, .4, 25 holes, 4'

12,244-266, .4, 88 holes, 22'

12,392-399, .4, 28 holes, 7'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,266-272	Acidz w/4000 gal 10% Morrow acid 500 SCF/bbls N2
12,244-12,399	Acidz w/4000 gal 10% morrow acid & 500 SCF/bbls N2 & 200 Frac balls

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-7-84		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5-7-84	6½ hr.	Var.	→	0	347	2	00	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
Variable		→	0	1280	6	NA		

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

Vented

TEST WITNESSED BY

Jim Reser, Consultant

35. LIST OF ATTACHMENTS

Casing + Cmt data

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

SIGNED

T. J. Laume

TITLE

NEW MEXICO
Production Engineer

DATE

5-14-84

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
ATOKA	11288	11304	Untested	LAMAR	2634		2634
ATOKA	11497	11530	Untested	BELL CANYON	2669		2669
ATOKA	11564	11576	Untested	CHERRY CANYON	4959		4959
MORROW	12244	12272	Dry Gas w/slight trace of wtr.	BONE SPRING	6171		6171
	12392	12399		WOLF CAMP	6941		6941
MORROW	12672	12688	Formation water w/slight show of gas	STRAWN	11224		11224
	12694	12700		ATOKA	11284		11284
				MORROW	12104		12104