

(November 1983)
(formerly 9-330)

UNITED STATES

SUBMIT IN DUPLICATE*

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

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

other in-
structions on
reverse side

5. LEASE DESIGNATION AND SERIAL NO.

NM 34657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Amoco Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

North Hackberry

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

Sec. 21, T19S, R31E

12. COUNTY OR
PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED

12-27-84

16. DATE T.D. REACHED

12-31-84

17. DATE COMPL. (Ready to prod.)

1-21-85

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

3489. GR

19. ELEV. CASINGHEAD

3491'

20. TOTAL DEPTH, MD & TVD

2425'

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

2401'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

all

CABLE TOOLS

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

2224-2333 Yates

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/N

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	354'	12 1/4"	300 sxs	Circulated
5 1/2"	17#	2408'	7 7/8"	600 sxs	Circulated

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2340'	None

31. PERFORATION RECORD (Interval, size and number)

2224-2333 w/ 20 .36 cal. shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2224-2333	2,000 gal. 15% SRA acid
	60,000 gal gel wtr, 52,000#
	20/40, 42,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-26-85		Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-1-85	24	1"	→	35	TSTM	20	
FLOW. TUBING PRBS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.		GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	ACCEPTED FOR RECORD				

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

Vented

TEST WITNESSED BY

Ray Westall

35. LIST OF ATTACHMENTS

Deviation Survey & logs

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

SIGNED

Ray Westall

TITLE

Operator

DATE 3-6-85

*(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):

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	
Yates	2212	2348	Oil & sand	T/salt B/salt T/Yates	444 2006 2212		

ARTESIA FISHING TOOL COMPANY

P. O. BOX ~~447~~ PHONE (505) 746-6651

470

ARTESIA, NEW MEXICO 88210

December 31, 1984

Ray Westall
PO Box 4
Loco Hills, NM 88255

Re: Amoco Federal #4
990' FNL & 1980' FEL
Sec. 21, T19S, R31E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
348'	1/4°
840'	1/4°
1319'	1/2°
1809'	1/2°
2425'	3/4°

Very truly yours,

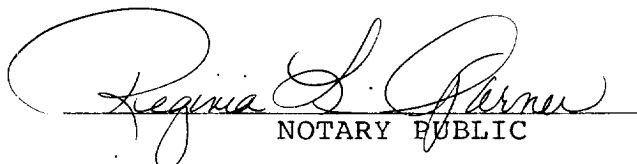


B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

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The foregoing was acknowledged before me this 31st day of December, 1984.



NOTARY PUBLIC

