

UNITED STATES

SUBMIT IN DUPLICATE

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

N. M. OIL & GAS COMMISSION  
P. O. BOX 1980  
HOBBS, NEW MEXICO 88240

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.

NM-077002

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

Nellis Federal Well #5

API WELL NO.

30-025-31607

FIELD AND POOL, OR WILDCAT

Buffalo Yates

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

Sec. 6, T-19-S, R-33-E

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other

3. NAME OF OPERATOR

Amoco Production Company

4. ADDRESS AND TELEPHONE NO.

P. O. Box 3092, Houston, TX 77253-3092 (713/ 596-7686)

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

At surface 1980' FNL x 660' FWL (Unit Ltr. E)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

15. DATE SPUDDED

6-19-92

16. DATE T.D. REACHED

6-18-92

17. DATE COMPL. (Ready to prod.)

7-7-92

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

3587.2 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3750'

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

3661'

22. IF MULTIPLE COMPL. HOW MANY\*

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

3494' - 3522' (Buffalo Yates)

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterlog, Density-Neutron Porosity Log, Gamma Ray/Caliper Log & Proximity Microlog

27. WAS WELL CORRED

Yes

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

CASING SIZE GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32# K-55	425'	12-1/4"	250 SX Class C	
5-1/2"	15.5# K-55	3750'	7-7/8"	500 SX Class C	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3577	3378'

31. PERFORATION RECORD (Interval, size and number)

3494-3522' W/4 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3494'-3522'	1500 gals 7-1/2 % MS Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7-7-92		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8-2-92	24	N/A	→	42	0	0	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
	N/A	→	ACCEPTED FOR RECORD					

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

Sold

35. LIST OF ATTACHMENTS

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

SIGNED

*Deanna M. Prince*

TITLE

Deanna M. Prince, Sr. Assistant

DATE 3-26-93

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Yates	3494'	3522'	Oil & Gas

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Transil (B.Salt)	2930'	
Yates	3115'	