

October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-33437

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

PMS 8 Federal

9. API WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Shugart Bone Springs, North

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

 Sec. 8, T-18-S, R-31E
 NMPM
12. COUNTY OR PARISH
Eddy13. STATE
NM

14. PERMIT NO.

DATE ISSUED

6/7/91

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

Amoco Production Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 3092, Houston, TX 77253

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

At surface

1930 FNL X 2032 FWL

At top prod. interval reported below

At total depth

15. DATE SPUDDED

6/19/91

16. DATE T.D. REACHED

7/7/91

17. DATE COMPL. (Ready to prod.)

9/10/91

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

3688.4' GL

19. ELEV. CASINGHEAD

3705' KB

20. TOTAL DEPTH, MD & TVD

8620'

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

8571'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

Rotary

CABLE TOOLS

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

Top: 7774' Bottom: 8420' Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-FDC, Gamma Ray, DLL MSFL

27. WAS WELL CORRED

No

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
13-3/8"	54.5 #/ft	429'	17-1/2"	500 Sx Class C	
8-5/8"	32 #/ft	2146'	12-1/4"	1200 sx Class C	
5-1/2"	17 #/ft	8620'	7-7/8"	1700 sx Class H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7700'	7700'

31. PERFORATION RECORD (Interval, size and number)

7774'-78'	4JSPF	8345-8354	1JSPF
7793-7862'	4JSPF	8360-8376'	1JSPF
8160-8270'	4JSPF	8390-8420'	1JSPF
8304-8328'	1JSPF		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8160' - 8420'	FRAC: 71,000 gals 30#XLink gel w/176,000 # sand
7774' - 7862'	Acidize: 6000 gals 15% NEFCHL
7900'	Retrievable Bridge Plug

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/10/91		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/10/91	20	20-64/100	→	254	197	0	776
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250 PSI	0	→	305	236	0	41.7	

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

Sold

TEST WITNESSED BY

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

Kim A. Colvin

TITLE

Asst. Admin. Analyst

DATE

9/10/91

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
RdBd & Surf Rx	0	600	
Salt & Anhy	600	1950	
Dolo & Sand	1950	3700	
Sand & Dolo	3700	4100	
Sand	4100	5000	
Dolo & Lime	5000	7300	
Sand	7300	7700	
Dolo	7700	7900	
Sand	7900	8620 TD	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	540	521
Yates	1950	1949
Seven Rivers	2350	2355
Bowers	2798	2808
Queen	3050	3058
Penrose	3269	3280
Grayburg	3554	3566
San Andres	3981	4005
Delaware	4418	4470
Bone Springs	5130	5211

