

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT REC
OFFICE FOR REGION
OF COPIES REQUIRED

NM Roswell District
Modified Form No.
NM60-3160-1

5. LEASE DESIGNATION AND SERIAL NO.

NM-24160

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Osage Federal

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

One Bone Spring

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

Sec. 34: T19S, R29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

14. ELEVATIONS (OF. RKB, RT, OR, ETC.)*

3304' GR

15. ELEV. CASINGHEAD

3319' KB

20. TOTAL DEPTH, MD & TVD

9400'

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

9358'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVAL DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

6964'-7174' Bone Spring

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL, CNL/LDT, Volan & EPT

27. WAS WELL CORRED attempted, but unsuccessful

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	91#	344'	26"	660 sxs circ	
13 3/8"	48#	1130'	17 1/2"	800 sxs circ	
8 5/8"	32# & 24#	3169'	12 1/4"	650 sxs (1" to surface)	
5 1/2"	17#	9400'	7 7/8"	1685 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	6928'	6928'

31. PERFORATION RECORD (Interval, size and number)

9262'-9268', 7 perfs w/2 JSPF, pkr @ 9217'
6964'-7174', 33 perfs w/1 JSPF, CIBP
@ 9220', pkr @ 6928'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9262'-9268'	2500 gal. 15% HCl
6964'-7174'	3000 gal. 15% HCl, 121,000 gal 20# XL, 279,860# 16/30, 64,020# 16/30 RCS

33. PRODUCTION

DATE FIRST PRODUCTION 12/20/89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/21/89	HOURS TESTED 24	CHOKED SIZE 32/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 132	GAS—MCF. 932 (Est)	WATER—BBL. 201	GAS-OIL RATIO 7060/1
FLOW. TUBING PRESS. 300	CASING PRESSURE 800	CALCULATED 24-HOUR RATE →	OIL—BBL. 132	GAS—MCF. 932 (Est)	WATER—BBL. 201	OIL GRAVITY-API (CORR.) 40.1	

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

Sold to Phillips 66 Natural Gas Company

TEST WITNESSED BY

Jim Ikard

35. LIST OF ATTACHMENTS

Deviation Surveys & Open-hole Logs

ACCEPTED FOR RECORD

SJS

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

SIGNED

Cathy Batley

TITLE Prod. & Drlg. Tech.

DATE 1/10/89

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	9262'	9268'	Mud logs of oil and gas.	Yates	1305'	+ 1999'
Bone Spring	6964'	7174'	Mud logs of oil and gas.	7-Rvrs	1512'	+ 1792'
				Queen	2455'	+ 849'
				Delaware	3260'	+ 44'
				Bone Spring	5620'	- 2316'
				Wolfcamp	9220'	- 5916'

38. GEOLOGIC MARKERS