

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-025-30688
Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

NM-40406

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 6 Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Unders. Quail Ridge Morrow

11. SECT., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 6, T-20-S, R-34-E

12. COUNTY OR PARISH
Lea

13. STATE
NM

14. PERMIT NO.

API #30-025-30688

DATE ISSUED

9-18-89

15. DATE SPUDDED

11-17-89

16. DATE T.D. REACHED

1-7-90

17. DATE COMPL. (Ready to prod.)

1-28-90

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

3611' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,645'

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

13,620'

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-13,645'

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

13,240' - 13,338' Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR CNL DLL LDT NGT CCL

27. WAS WELL CORED

Yes-Sidewall Cores

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5# & 94#	1457'	26"	2000 sxs - Circ	
13 3/8"	68# & 61#	3159'	17 1/2"	2900 sxs - Circ	
9 5/8"	40#	5180'	12 1/4"	800 sxs - (1st) 700 sxs (2nd) DV @ 3197	
5 1/2"	17#	13,645'	8 3/4"	1150 sxs - (1st) 1650 sxs (2nd) DV @ 10,49	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	13,154'	13,154'

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	13,154'	13,154'

31. PERFORATION RECORD (Interval, size and number)

13,240-13,265', 13,292-13,304', 13,330-13,338' (180 holes) - 4SPF - .54

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
-	-
-	-
-	-
-	-

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1-28-90		Flowing					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-28-90	22	13/64"	→	56	2681	2.5		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
2390	0	→	61	2681	3	57.6°		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

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

Flared during test

TEST WITNESSED BY

Kenneth Poole

35. LIST OF ATTACHMENTS

Logs

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

SIGNED

Charlotte Beeson

TITLE Drilling Clerk

DATE 2-6-90

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Delaware	8166	8300	Sandstone & shale 10-14% porosity - oil show in upper part
Bone Spring	9414	9500	Sandstone, shaley, interbedded with shale 20%, fluorescence, fair cut 10-12% porosity
Atoka	12,570	12,580	Sandstone, some calcareous, coarse-ground-Flowline gas show while drilling
Middle Morrow	13,240	13,465	Sandstone, coarse to fine-grained, alternating with shale. Gas bearing.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1473		(+2160)
Salado	1815		(+1818)
Base Salado	3160		(+473)
Yates	3260		(+373)
Delaware	5286		(-1653)
Bone Spring	8130		(-4997)
Wolfcamp Chert	11,228		(-7595)
Cisco	11,932		(-8299)
Strawn	12,238		(-8605)
Atoka	12,416		(-8783)
Atoka ls	12,796		(-9163)
Morrow	12,958		(-9325)
Middle Morrow	13,176		(-9543)
Lower Morrow	13,516		(-9883)
T.D.	13,645		(-10,012)

RECORDED
MAR 2 1949
OCC
NO 543 21-13