

AMENDED

SUBMIT IN DUPL. .E*

OPERATOR'S COPY

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NM-9414

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

"SV" Bobwhite Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat E. H. Bone Spring

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

Sec 4, T19S, R34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR

Manzano Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 2107, Roswell, NM 88202-2107

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

At surface 2355' FSL & 400' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED
5/11/95

15. DATE SPUDDED 5/22/95 16. DATE T.D. REACHED 7/25/95 17. DATE COMPL. (Ready to prod.) 10/20/95 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3874' GR 19. ELEV. CASINGHEAD 3892' KB

20. TOTAL DEPTH, MD & TVD 14,547' 21. PLUG, BACK T.D., MD & TVD 11,735' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2nd Bone Spring - 9745-9801'
2nd Bone Spring Carbonate - 9697-9703'
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CNL, CBL-CCL-GR, DLL, Density, Sonic 27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48,54.5&61#	400' KB	17-1/2"	415 sx C1 C	None
9-5/8"	36 & 40#	5,335' KB	12-1/4"	2100 sx Lite + 200 sx C	None
5-1/2"	17 & 20#	14,547' KB	8-3/4"	1st stg - 631 sx C1 H 2nd stg - 1005 sx C1 H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	9841'	None

31. PERFORATION RECORD (Interval, size and number)

9745-9801' = 19 holes
9697-9703' = 12 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9745-9801'	Acidized w/2000 gal 15% NFFE. Frac w/35k gal Hydrogel + 65k# of 16/30 Ottawa Sand + 27k# of 16/30 Super-DC Resin Coated Sand

33.* PRODUCTION (See additional page.)

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9/2/95	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/22/95	24	Open	→	128	102	20	~800
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	25 psi	→	128	102	20	34°	

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

Flaring

TEST WITNESSED BY

Ronnie Garre

35. LIST OF ATTACHMENTS

GR/CNL, CBL-CCL-GR, DLL, Density, Sonic Logs

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

SIGNED Allison Hernandez TITLE Engineering Technician

DATE 10/25/95

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Bone Spring Carbonate	9686	9694	DST #1: Pipe recovery: 837' oil + 952' GC drlg mud & wtr Sampler: 1550 cc oil + 400 cc wtr IF (15 min): 248-316 psi ISI (1-1/2 hr): 3752 psi FF (2-1/2 hr): 354-665 psi FSIP (6 hrs): 3784 psi	Devonian Miss Ls Morrow Clsts Morrow Ls Atoka	14,580 13,859 13,180 12,827	
	11,378	11,412	DST #2: Pipe Recovery: 737' GC0 Sampler: 1800 cc oil + 100 cc of drlg mud IF (15 min): 105-121 psi ISP (2 hrs): 5816 psi FF (2-1/2 hrs): 104-270 psi FSIP (6-1/2 hrs): 5789 psi	Strawn Cisco Lower Wolfcamp Wolfcamp 3rd Bone Spring 2nd Bone Spring 2nd BS Carb 1st Bone Spring Bone Spring Delaware	12,466 12,206 11,916 11,078 10,800 10,512 9,726 9,536 9,196 7,920 5,930	