

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NM OIL SURVEYS IN COMPLETION
88210

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

5. LEASE DESIGNATION AND SERIAL NO.
NM-66437

6. PERMIT AGREEMENT NAME
CARLS AREA HERMITAGE

7. FARM OR LEASE NAME
Aceite Federal

8. WELL NO.
1

10. FIELD AND ACQ. USE SURVEY
Shiloh 88-8-6
Wildcat

11. SEC. T. R. N. M. OR BLOCK AND SURVEY
OR AREA
Sec. 6-19S-31E

12. COUNTY OR PARISH
Eddy

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. REVER. ☐ 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 1980' FNL & 1523' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO.
DATE ISSUED

15. DATE SPUDDED
6-8-90

16. DATE T.D. REACHED
6-22-90

17. DATE COMPL. (Ready to prod.)
7-20-90

18. ELEVATIONS (DP, NNN, RT, GR, ETC.)
3523' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6285'

21. PLUG, BACK T.D., MD & TVD
3437'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3150-3185' (17') QUEEN

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDL & DLL

27. WAS WELL CORED
no

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	637'	12-1/4"	400 sx Prem Plus	None
5-1/2"	17#	3372'	7-7/8"	1500 sx Hali Lite + 300 sx Class C	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3185'	3090'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3150'-3185'; total 17' w/34 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3150-3185'	1800 gal 15% NE/FE Acid; Frac w/25,000 gal 30# gel + 44,000# 16/30 sd + 36,400# 12/20 sd

33. PRODUCTION							
DATE FIRST PRODUCTION 7-20-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7-29-90	HOURS TESTED 24	CHOKES SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 20	GAS—MCF. TSTM	WATER—BBL. 50	GAS-OIL RATIO ---
FLOW, TUBING PRESS. Pumping	CASING PRESSURE 24	CALCULATED 24-HOUR RATE →	OIL—BBL. 20	GAS—MCF. TSTM	WATER—BBL. 50	OIL GRAVITY-API (CORR.) 33	

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

TEST WITNESSED BY
Carroll Bellah

35. LIST OF ATTACHMENTS
CNL/LDL & DLL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Sher Williams TITLE Production Clerk DATE July 31, 1990

*(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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
7-Rivers	2530					
Queen	3148					
Delaware	4100					
Bone Spring	6230					