

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐		2. NAME OF OPERATOR Harvey E. Yates Company		3. ADDRESS OF OPERATOR P.O. Box 1933, Roswell, New Mexico 88201		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310 FNL & 330 FEL At top prod. interval reported below At total depth same		14. PERMIT NO. 30-025-29981		DATE ISSUED 7/13/87		5. LEASE DESIGNATION AND SERIAL NO. NM-53380		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Caviness 10 Federal		9. WELL NO. #3		10. FIELD AND POOL, OR WILDCAT Mescalero Escarpe		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, T18S, R33E			
15. DATE SPUDDED 8/4/87		16. DATE T.D. REACHED 8/26/87		17. DATE COMPL. (Ready to prod.) 9/11/87		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4010.4 GL		19. ELEV. CASINGHEAD 4010.4 GL		20. TOTAL DEPTH, MD & TVD 9660 TVD		21. PLUG. BACK T.D., MD & TVD 9600 TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY all		ROTARY TOOLS		CABLE TOOLS		24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8573-8646 Bone Spring		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DLL w/Micro & CN/D w/G-R		27. WAS WELL CORRED No	
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		54.5		406		17 1/2		400 sks		Circ																			
8 5/8		32 & 24		3152		11		1030 sks		Circ																			
5 1/2		17		9660		7 7/8		2010 sks		TOC @ 1800																			
29. LINER RECORD																													
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD																			
										SIZE		DEPTH SET (MD)		PACKER SET (MD)															
										2 3/8		8447		8452															
31. PERFORATION RECORD (Interval, size and number)																													
8573-78; 8581-87; 8603-08; 8611-19 & 8634-46 (2 spf-72 holes)																													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																													
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																											
8573-8646		7700 gal 20% HCL & ball sealers																											
9573-8646		10,000 gal 28% HCL w/N2 & ball sealers																											
33. PRODUCTION																													
DATE FIRST PRODUCTION 9/11/87		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing										WELL STATUS (Producing or shut-in) producing																	
DATE OF TEST 9/14/87		HOURS TESTED 24		CHOKE SIZE 20/64		PROD'N. FOR TEST PERIOD 240		OIL—BBL. 240		GAS—MCF. 189		WATER—BBL. 9		GAS-OIL RATIO 790															
FLOW. TUBING PRESS. 240		CASING PRESSURE 0		CALCULATED 24-HOUR RATE 240		OIL—BBL. 240		GAS—MCF. 189		WATER—BBL. 9		OIL GRAVITY-API (CORR.) 39																	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold																													
35. LIST OF ATTACHMENTS deviation survey & electric logs																													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																													
SIGNED <u>AM Young</u> NM Young TITLE <u>Drilling Superintendent</u> DATE <u>9/17/87</u>																													

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Rd Bd & Sand	0	1600		Rustler	1586	1586
Anhy & Salt	1600	3050		Yates	3051	3051
Dolo & Sand	3050	4250		7 Rivers	3482	3482
Sand & Dolo	4250	6500		Bower	3968	3968
Dolo & Lime	6500	7500		Penrose	4483	4483
Dolo & Sand	7500	8150		Delaware	5852	5852
Sand & Dolo	8150	8450		Bone Spring	6508	6508
Dolo	8450	8850		TD	9660	9660
Sand	8850	9450				
Dolo & Sand	9450	9660				
TD	9660					

NO. 1000-1000
1000-1000