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UNITED STATES OIL & GAS COMMISSION
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Alameda, NM 88210

Budget Bureau No. 1001
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____

3. NAME OF OPERATOR
Harvey E. Yates Company

4. ADDRESS OF OPERATOR
P.O. Box 1933, Roswell, New Mexico 88202

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990' FNL & 330' FWL
At top prod. interval reported below
At total depth same

6. LEASE DESIGNATION AND SERIAL NO.
NM-53381

7. UNIT AGREEMENT NAME
Caviness 11 Federal

8. FIELD AND POOL OR WILDCAT
Mescalero Escarpe - Bone Spr.

9. WELL NO.
#3

10. FIELD AND POOL OR WILDCAT
Mescalero Escarpe - Bone Spr.

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA
Sec. 11, T18S, R33E

12. PERMIT NO. 30-025-30634 DATE ISSUED 6/23/89

13. DATE SPUDDED 6/26/89 14. DATE T.D. REACHED 7/17/89 15. DATE COMPL. (Ready to prod.) 8/13/89

16. TOTAL DEPTH, MD & TVD 9435 17. PLUG BACK T.D., MD & TVD 9377 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 4043.4 GL

19. ELEV. CASINGHEAD 4043.4 GL

20. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8614-8774 Bone Springs
8614-8708 22-.38" perfs

21. IF MULTIPLE COMPL., HOW MANY* 1

22. INTERVAL DRILLED BY ALL

23. WAS DIRECTIONAL SURVEY MADE No

24. WAS WELL CORRED No

25. TYPE ELECTRIC AND OTHER LOGS RUN
DLL w/Micro & D-N w/GR

CASING RECORD (Report all strings set in well)				AMOUNT PULLED	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	
13 3/8	54.5	429	17 1/2	425 sks	Circ to surface
8 5/8	32 & 24	3158	12 1/4	1600 sks	Circ to surface
5 1/2	17	9435	7 7/8	1675 sks	TOC @ 3400

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8	8439

31. PERFORATION RECORD (Interval, size and number)
8744-74 60-.38" perfs
8614-8708 22-.38" perfs

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED	
DEPTH INTERVAL (MD)			
8744-74		15200 gals HCL & BS	
8614-8708		13000 gals HCL & BS	
		60000 gals WF-30 & 20000 gals aci	

32. PRODUCTION

DATE FIRST PRODUCTION 8/14/89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 8/17/89 HOURS TESTED 24 CHOKER SIZE 103 PROD'N. FOR TEST PERIOD 875 OIL—BBL. 141 GAS—MCF. 850 WATER—BBL. 141

FLOW, TUBING PRESS. NA CASING PRESSURE NA CALCULATED 24-HOUR RATE 103 (ORIG. SGD) DAVID R. GLASS OIL GRAVITY-API (CORR.) 38

33. DISPOSITION OF GAS (Hold, used for fuel, vented, etc.) Used on lease TEST WITNESSED BY John Bilberry

34. LIST OF ATTACHMENTS
Deviation Survey & E-Logs

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

SIGNED NM Young TITLE Drilling Superintendent DATE 8/18/89

*(See Instructions and Spaces for Additional Data on Reverse Side)

File 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	38. GEOLOGIC MARKERS			
				NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Rd Bd & Surf Rk	0	1600		Rustler	1609		1609
Salt & anhy	1600	3100		Yates	3084		3084
Dolo & sand	3100	5400		7 Rivers	3503		3503
Sand	5400	6450		Bowers	3988		3988
Dolo & lime	6450	8800		Queen	4246		4246
Sand	8800	9435		Penrose	4484		4484
TD	9435			Grayburg	4760		4760
				San Andres	5022		5022
				Delaware Sands	5695		5695
				Bone Springs	6424		6424
				TD	9435		9435

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