

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6.

**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  
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 1200' FSL & 1650' FEL  
At top prod. interval reported below  
At total depth Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUNDED 12/2/83 16. DATE T.D. REACHED 1/31/84 17. DATE COMPL. (Ready to prod.) 4/18/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3878.8 GR

20. TOTAL DEPTH, MD & TVD 12915 21. PLUG, BACK T.D., MD & TVD 10965 22. IF MULTIPLE COMPL., HOW MANY\* NA 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 0-12915 CABLE TOOLS NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* 8611 - 8884 Bone Springs 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN CD, CN, w/GR; DL w/GR; CBL, GR 27. WAS WELL COBED 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"	48-54	664'	17 1/2	600 sxs	
8 5/8"	28,24,32	3788'	11	2000 sxs	
5 1/2"	17 & 20	12915'	7 7/8	1050 sxs	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NA			2 3/8	8515	8515

31. PERFORATION RECORD (Interval, size and number)

8611 - 8635' (1 spf)  
8827 - 8884' (1 spf, 11 holes)  
8680 - 8742' (7 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8611 - 8746	Frac w/60,000 gal 120,000# 20/40 sd & 104 tons CO2 2500 gal acid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
4/18/84	Pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
5/9/84	24		→	98	97	0	990
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	98	97	0	35.5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vent ACCEPTED FOR RECORD TEST WITNESSED BY Micky Young

35. LIST OF ATTACHMENTS Deviation Survey & Logs

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

SIGNED Ray F. [Signature] TITLE Reservoir Engineer DATE May 18, 1984

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

