

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

45F

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. RENVR. ☐ Other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. BOX 1933 Roswell, New Mexico 88204

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

At surface 330' FSL & 990' FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO. ARTESIA OFFICE

3-17-86

South Taylor 13 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat - Delaware

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

Sec 13 T18S R31E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

15. DATE SPUDDED 7-24-86 16. DATE T.D. REACHED 8-1-86 17. DATE COMPL. (Ready to prod.) 9-10-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3716 GL 19. ELEV. CASINGHEAD 3716

20. TOTAL DEPTH, MD & TVD 5410 21. PLUG, BACK T.D., MD & TVD 5085 5083 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5063 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/CND

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
8 5/8	24	353	12 1/4	250 sks	Surface
5 1/2	17	5410	7 7/8	2025 sks	Surface

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	4965 4970	4970

31. PERFORATION RECORD (Interval, size and number)

5063 (2 Holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5063	500 Gal 15% Frac w/ 20,000 Gal WF3 & 8000# 100 Mesh & 30,000# 20/40

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-18-86		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-25-86	24	--	→	98	105	120	1071	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	-----	→	98	105	120	32		

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

Fuel

TEST WITNESSED BY

Curtis Tolle

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 N.M. Young TITLE Drilling Superintendent DATE 9-29-86

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Surf Rx Anhyd. & Salt Dolo Sd. & Dolo Sd.	0 850 2400 3500 5050	850 2400 3500 5050 5410		Rustler Yates 7 River Bowers Queen Penrose Grayburg Premier San Andres Delaware T.D.	869 2444 2802 3282 3518 3764 4098 4474 4548 4714 5410	869 2444 2802 3282 3518 3764 4098 4474 4548 4714 5410