

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-03677	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Harvey E. Yates Company ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, New Mexico 88201		8. FARM OR LEASE NAME Yates A Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1980' FNL & 1980' FWL At top prod. interval reported below At total depth Same		9. WELL NO. 1	
14. PERMIT NO. O. C. D. ARTESIA, OFFICE		10. FIELD AND POOL, OR WILDCAT East Burton Flat - <i>Delaware</i>	
15. DATE SPEDDED PB 5/13/83		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T-20S, R-29E	
16. DATE T.D. REACHED NA		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 6/18/83 - PB		13. STATE NM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.) 3271' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 12,000		21. PLUG BACK T.D., MD & TVD 6300	
22. IF MULTIPLE COMPL., HOW MANY? No		23. INTERVALS DRILLED BY ROTARY TOOLS NA CABLE TOOLS NA	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5456-5602 Delaware		25. WAS DIRECTIONAL SURVEY MADE NA	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CBL, C/O		27. WAS WELL CORED NA	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8		543	17 1/2
8 5/8		3124	11
4 1/2		11258	7 7/8
			CEMENTING RECORD
			650 SXS
			2650 SXS
			1450 SXS
			AMOUNT PULLED
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
			SN 5679'
			Anchor 5358'
31. PERFORATION RECORDED (Interval, size and number) 5456' to 5602' (1SPF) 8 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5456 - 5602		1000 gal 15% MSR 100 & 16 BS	
		Flush w/2% kcl. Frac 2/15000 gal	
		75% foam w/50/50 methabol & 3% kcl w/9400# 20/40 sd.	
33. PRODUCTION			
DATE FIRST PRODUCTION 6/22/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" X 1 1/2" X 20'	
WELL STATUS (Producing or shut-in) Prod.			
DATE OF TEST 6/22/83	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD OIL—BBL. 122 GAS—MCF. TSTM WATER—BBL. 42 GAS-OIL RATIO -
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 122	OIL—BBL. 122 GAS—MCF. TSTM WATER—BBL. 42 OIL GRAVITY-API (CORR.) 38°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel			
35. LIST OF ATTACHMENTS Logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Ray T. O'Neil</i>		TITLE Reservoir Engineer	
		DATE June 24, 1983	

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