

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
P.O. BOX 1000
HOBBS, NEW MEXICO 88201
SUBMIT IN DUPLICATE*
Other instructions on reverse side

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-15905	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐		6. IF INDIAN, ALIOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Harvey E. Yates Company		7. UNIT AGREEMENT NAME Young Deep Unit	
3. ADDRESS OF OPERATOR P.O. Box 1933, Roswell, New Mexico 88202		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FEL & 2310' FSL At top prod. interval reported below At total depth same		9. WELL NO. #23	
14. PERMIT NO. 30-025-29896		10. FIELD AND POOL, OR WILDCAT North Young	
DATE ISSUED 4/8/87		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 9, T18S, R32E	
15. DATE SPUDDED 11/12/87		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 11/30/87		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 1/9/88		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3816.4 GL	
19. ELEV. CASINGHEAD 3816.4		20. TOTAL DEPTH, MD & TVD 9099	
21. PLUG, BACK T.D., MD & TVD 9045		22. IF MULTIPLE COMPL., HOW MANY* 1	
23. INTERVALS DRILLED BY A11		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME AND MD & TVD)* 8320-8490 Bone Spring	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN C-ND w/ G-R, DLL w/Micro	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
13 3/8		48	
8 5/8		32 & 24	
5 1/2		17	
Depth Set (MD)		Hole Size	
454		17 1/2	
2755		11	
9099		7 7/8	
Cementing Record		Amount Pulled	
475 sks 'C'		Circ	
850 sks Filler & 200 tail		Circ	
1350 sks Filler & 325 tail		TOC @ 3050	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		Anchor @ 8340	
SCREEN (MD)			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8320-36 (2 spf-33 holes)		DEPTH INTERVAL (MD)	
8486-90 (2 spf-9 holes)		AMOUNT AND KIND OF MATERIAL USED	
		8320-36 13,750 gals HCL & ballsealers	
		8486-90 13,250 gals HCL & ballsealers	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1/9/88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 1/10/88		HOURS TESTED 24	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
123		135	
WATER—BBL.		GAS-OIL RATIO	
18		1100	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
123		GAS—MCF.	
135		WATER—BBL.	
18		OIL GRAVITY-API (CORR.)	
38			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) used on lease		TEST WITNESSED BY John Bilberry	
35. LIST OF ATTACHMENTS Logs & deviation survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>A. M. Young</u>		NM Young TITLE <u>Drilling Superintendent</u> DATE <u>1/18/88</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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rd Bd & Sand	0	1150		Yates	2680	2680
Anhy & Salt	1150	2300		7 Rivers	3110	3110
Salt & Anhy	2300	2700		Queen	3837	3837
Dolo & Sand	2700	3800		Grayburg	4407	4407
Sand & Dolo	3800	4400		Delaware	5465	5465
Dolo & Sand	4400	4800		Bone Spring	6389	6389
Dolo & Dolo	4800	6400		T.D.	9099	9099
Sand & Dolo	6400	8000				
Sand	8000	8200				
Dolo	8200	8700				
Sand	8700	9099				

38. GEOLOGIC MARKERS