

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		15. DATE STUDDED 7-4-91		16. DATE T.D. REACHED 7-27-91		17. DATE COMPL. (Ready to prod.) 9-12-91		18. ELEVATIONS (DF, RKB, RT, OR, ETC.) 3829.4' GL		19. ELEV. CASINGHEAD Same	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ OTHER ☐		20. TOTAL DEPTH, MD & TVD 10,960'		21. PLUG, BACK T.D., MD & TVD 10,350'		22. IF MULTIPLE COMPL. HOW MANY? →		23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 8863-9074' (OA) Bone Spring	
2. NAME OF OPERATOR Harvey E. Yates Company		3. ADDRESS AND TELEPHONE NO. P.O. Box 1933 Roswell, NM 88202		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit K, 2310' FSL & 1650' FEL At top prod. interval reported below At total depth		14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Lea	
5. LEASE DESIGNATION AND SERIAL NO. NM-22642		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME #8910180420 Young Deep Unit # 29		8. FARM OR LEASE NAME, WELL NO.		9. API WELL NO. 30-025-31299		10. FIELD AND POOL, OR WILDCAT North Young Bone Spring	
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, T-18s, R-32e		12. COUNTY OR PARISH Lea		13. STATE New Mexico		14. PERMIT NO.		DATE ISSUED		15. DATE STUDDED	
16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL. HOW MANY?		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN PDL/CNS ; DLS/MLS		27. WAS WELL CORRED NO	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
113 3/8" J		54.5		422'		17 1/2"		Circ 80 SXS to surface			
8 5/8" J		32		3075'		12 1/4"		Circ 113 SXS to surface			
5 1/2" J&N		17		10960'		7 7/8"		2823' by CBL			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD	
										SIZE	
										DEPTH SET (MD)	
										8732' (SN)	
										8241' (TAC)	
31. PREPARATION RECORD (Interval, size and number)											
8863-9074' (OA) 15 Holes .41" Dia.											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED									
8863-9074'		Acidz w/2000 gals 10% HCL									
8863-9074'		Frac w/ 85,500 gals WF40 & 141,250#'s 16/20 Carbolite									
33. PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
9-13-91		Pumping (2" x 1 1/2" x 16" Cumbie)						Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
9-17-91		24		-----		-----		146		WOPL	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY									
WOPL		Ray Coor									
35. LIST OF ATTACHMENTS											
Electric logs, C-102, C-104 & Inclination Survey											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED		Ray F. Nokes						TITLE		DATE	
		Ray F. Nokes						Prod. Mgr./Eng.		9-18-91	

*(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, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ruster	1212	2696	Anhy., salt			
Yates	2696	3168	Dol, sd, anhy			
7-Rivers	3168	3904	Dol, sd, anhy			
Queen	3904	4480	Dol, sd, anhy			
Grayburg	4480	4715	Dol, sd			
San Andres	4715	5230	Dol			
Delaware	5230	6448	Sand			
Bone Spring	6448	9582	ls, dol, sd & sh			
Wolfcamp	9582	10873	ls, dol, sh			
Penn	10873	10960 TD.	Shale			