

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other In-  
structions on  
reverse side)

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

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 660' FSL & 1980' FWL

At top prod. interval reported below

At total depth Same

14. PERMIT NO. DATE ISSUED

030-025-29268

5. LEASE DESIGNATION AND SERIAL NO.

NM-4364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Young Deep Unit 4 Federal

8. FARM OR LEASE NAME

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

North Young Bone Springs

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

Sec 4 T-18S R-32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

8/26/85

9/17/85

10/3/85

3844.8 GL

Same

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

9103'

9042'

All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

8758-8824' Bone Springs

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CD/CN w/GR & DL/ML w/GR

27. WAS WELL CORED

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"	54#	450	17 1/2"	450 SXS	NA
8 5/8"	32/24#	2685	11"	1260 SXS	NA
5 1/2"	17#	9103	7 7/8"	1650 SXS	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	8886	8655

31. PERFORATION RECORD (Interval, size and number)

8758-8824' 11 holes-.44"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8758-8824	2500 gla 7 1/2% Acid.
	87,500 gal BS Frac &
	220,000# 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10/3/85		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/10/85	24	N/A	→	108	90.7	10	840	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
-0-	-0-	→	108	90.7	10	36		

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

Sold

TEST WITNESSED BY

John Bilberry

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*

N. M. Young

TITLE Drilling Superintendent

DATE 10/11/85

\*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Surface Rock	0'	450'	
Anhy & Red Bed	450	705	
Anhy & salt	705	947	
Anhy	947	2917	
Anhy & Dolo	2917	4197	
Dolo	4197	4720	
Dolo & sd	4720	7185	
li, Ch, & sh	7185	7562	
li & ch	7562	7996	
li & sh	7996	8955	
sd, Dolo & sh	8955	9103'	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1130	
Yates	2638	
Seven Rivers	3062	
Queen	3784	
Delaware	5314	
Bone Spring	5939	

RECEIVED  
OCT 18 1985  
FEDERAL SERVICE