

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

LC-064009D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8910180420

Young Deep Unit

8. FARM OR LEASE NAME, WELL NO.

Young Deep Unit #18

9. API WELL NO.

30-025-31359

10. FIELD AND POOL, OR WILDCAT

North Young Bone Spring

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

Sec. 9, T18S, R32E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

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 AND TELEPHONE NO.

P.O. Box 1933, Roswell, N.M. 88202

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

At surface 2310' FSL & 1980' FWL

Unit K

At top prod. interval reported below

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 8/21/91 16. DATE T.D. REACHED 9/9/91 17. DATE COMPL. (Ready to prod.) 9/27/91 18. ELEVATION (OF, HKB, RT, GR, ETC.)* 3808.7 GL 19. ELEV. CASINGHEAD 3808.7

20. TOTAL DEPTH, MD & TVD 9291 21. PLUG, BACK T.D., MD & TVD 9240 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8956-79' (oa) Bone Spring

25. WAS DIRECTIONAL
SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & DN w/GR

27. WAS WELL CORROD

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
13 3/8	54.5	432	17 1/2	Surface; 425	
8 5/8	32	2716	12 1/4	Surface; 1200	
5 1/2	17	9291	7 7/8	TOC @ 1640'; 1575	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8810	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

8956-70 (oa) 12 holes

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

DEPTH INTERVAL (MD) 8956-70 AMOUNT AND KIND OF MATERIAL USED A/200 gals 10% NFFE; F/64,000 gals WF-40 + 90,000# sd

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9/29/91		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/3/91	24	—	→	79	41	66	520	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
—	—	→	79	41	66	36.9		

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

used on lease

TEST WITNESSED BY

Ray Coor

35. LIST OF ATTACHMENTS

Deviation Survey & E-logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

V. Teel

V. Teel

TITLE

Production Analyst

DATE

10/15/91

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
B-Zone	8240	8400	Dolo (M.L. show)
B-Zone	8400	8500	Dolo (M.L. show)
2nd Sd	8669	8850	Sd (M.L. show)
2nd Sd	8940	8980	Sd (M.L. show)

38.

GEOLOGIC MARKERS

NAME	GEOLOGIC MARKERS	
	MEAS. DEPTH	TRUE DEPTH
Rustler	1122	1122
Yates	2623	2623
7 Rivers	3106	3106
Queen	3827	3827
Grayburg	4397	4397
San Andres	4862	4862
Delaware	5154	5154
Bone Springs	6370	6370
1st Sand	8028	8028
B-Zone	8188	8188
2nd Sand	8669	8669
C-Zone	9170	9170
3rd Sd	9220	9220