

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
Reverse side)

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

LEASE DISPOSITION AND SERIAL NO.

RECEIVED
NM-12567

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

10-11-93 11:30
UNIT AGREEMENT NAME

Young Deep Unit

8. FARM OR LEASE NAME

9. WELL NO.

#24

10. FIELD AND POOL, OR WILDCAT

North Young Bone Springs

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

Sec. 10, T18S, R32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

19. ELEV. CASINGHEAD

ROTARY TOOLS

CABLE TOOLS

rotary

25. WAS DIRECTIONAL SURVEY MADE

no

27. WAS WELL CORED

no

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. RESER. ☐ Other

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202

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

At surface 1650' FNL & 660' FWL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

30-025-30783

DATE ISSUED

1/19/90

15. DATE SPUDDED

3/21/90

16. DATE T.D. REACHED

4/9/90

17. DATE COMPL. (Ready to prod.)

5/3/90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3834.9 GL

20. TOTAL DEPTH, MD & TVD

9262'

21. PLUG, BACK T.D., MD & TVD

9015'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

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

8735-9012'

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & DN w/GR

29. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	420	17 1/2	425	Circ to surface
8 5/8	32	2817	12 1/4	1300	Circ to surface
5 1/2	17	9262	7 7/8	1625	TOC @ 1000'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8510	Pkr @ 8510

31. PERFORATION RECORD (Interval, size and number)

8735-9012 (14 holes- 1 spf)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8735-9012	Acidz w/10,100 gals 15% HCL & 28 BS. Frac w/30,000 gals pre-pad, 236,000 gals BS40 & 288,500# 16/20 LWP

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut in)	
5/6/90		Pumping (jet pmp)				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/7/90	24 hrs	n/a	→	240	214	30	892
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	240	214	30	38	

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

used on lease

TEST WITNESSED BY

John Bilberry

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

A. M. Yates

NM Young

TITLE

Drilling Superintendent

DATE

5/9/90

*(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.
Rd Bd & Surf Rk	0	1200	
Anhy & Salt	1200	2700	
Dolo & Sand	2700	4700	
Sand & Dolo	4700	6300	
Lime	6300	7800	
Dolo	7800	7950	
Sand	7950	8200	
Dolo & Lime	8200	8650	
Sand	8650	9262	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1200	1200
Yates	2720	2720
7 Rivers	3150	3150
Bowers	3600	3600
Queen	3865	3865
Penrose	4110	4110
Grayburg	4415	4415
BFSa	4790	4790
Delaware	5340	5340
Bone Springs	6265	6265
TD	9262	9262