

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-40452

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shoot 12 Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

North Young Bone Spring

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

Sec. 12, 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. 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 2310' FSL & 1980' FEL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

30-025-30734

DATE ISSUED

11/14/89

15. DATE SPUDDED

11/15/89

16. DATE T.D. REACHED

12/1/89

17. DATE COMPL. (Ready to prod.)

12/20/89

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

3876.7 GL

19. ELEV. CASINGHEAD

same

20. TOTAL DEPTH, MD & TVD

9452

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

9400

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

All

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

9022-9218 Bone Springs

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & DN w/GR

25. WAS DIRECTIONAL
SURVEY MADE

No

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	54.5	357	17 1/2	375 sks "C"	Circ
8 5/8	32	2956	12 1/4	1300 Filler & 200 "C"	Circ
5 1/2	17	9452	7 7/8	800 filler & 775 "H"	TOC @ 3060

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8840	TA @ 8372

31. PERFORATION RECORD (Interval, size and number)

9022-9218 (1 spf-13-.40 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9022-9218	3300 gals 7 1/2% HCL & BS
	110,000 gals BS-40 & 171,250#
	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)	
12/21/89		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12/27/89	24	N/A	→	76	70	36	921	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	0	→	76	70	36	37		

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

Used on lease

TEST WITNESSED BY

Greg Webb

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. Young NM Young TITLE Drilling Superintendent DATE 12/28/89

*(See Instructions and Spaces for Additional Data on Reverse Side)

R 8w

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rd Bd & Surf Rx	0	1300		Rustler	1328	1328
Anhy & Salt	1300	2900		Yates	2880	2880
Dolo & Sand	2900	5000		7 Rivers	3266	3266
Sand & Dolo	5000	5500		Bowers	3756	3756
Dolo & Lime	5500	5900		Queen	4034	4034
Sand	5900	6600		Penrose	4300	4300
Dolo & Lime	6600	8150		Grayburg	4624	4624
Sand	8150	8430		Metex	5016	5016
Dolo	8430	8900		San Andres	5120	5120
Sand	8900	9330		Delaware	5930	5930
Dolo	9330	9452		Bone Springs	6620	6620
TVD	9452			TVD	9452	9452

38. GEOLOGIC MARKERS

RECEIVED
JAN 19 1990
BUREAU OF MINES