

SUBMIT ORIGINAL + 7 COPIES

(See other instructions
on reverse side)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTM. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210
FOR APPROVAL
SUBMITTED 4/23/02
EXPIRES 4/23/03
5. FIELD LOCATION AND SERIAL NO.

NM-106718

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

CHOLLA 1 FEDERAL

8. FARM OR LEASE NAME, WELL NO.

#2

9. API WELL NO.

30-015-32105 S1

10. FIELD AND POOL, OR WILDCAT

Tamano Bone Springs

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

Sec 1, T18S, R31E

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL OIL ☒ GAS ☐ DRY ☐ Other ☐
WELL WELL WELL1b. TYPE OF COMPLETION: NEW ☒ DEEPEN ☐ PLUG ☐ DIFF- ☐ Other ☐
WELL WELL BACK GENVR

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS AND TELEPHONE NO.

PO Box 1933, Roswell NM 88202 (505)623-6601

4. LOCATION OF WELL
At surface

1,980' FSL & 560' FEL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

30-015-32105

11/15/01

15. DATE SPUDDED

1/26/2002

16. DATE T.D. REACHED

2/21/2002

17. DATE COMP (Ready to prod)

4/23/2002

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

3806' GL (17' KB)

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9,450'

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

9,407'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0 - 9,450'

CABLE TOOLS

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

8618' - 8638' Bone Springs

25. WAS DIRECTIONAL SURVEY MADE?

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN/GR, MCFL/GR, CBL, Comp Sonic GR

27. WAS WELL CORED?

No

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

CASING SIZE/GRADE	WEIGHT, LB / FT.	DEPTH SET	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8" H-40	48#	401'	17 1/2"	425 sx Class C, Circ'd	
8 5/8" J-55	32#	2,688'	12 1/4"	1,550 sx Class C, Circ'd	
5 1/2" J-55 LT&C	17#	9,445'	7 7/8"	1,800 sx Class H, TOC=640' (CBL)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2 3/8" J-55	8,422'	

31. PERFORATION RECORD (Interval, size and number)

8618'-8638' (2 spf, 40 - .47" holes)

APR 30 2002

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

8618'-8638' 3000 gals 15% NEFE acid

8618'-8638' Madallion Frac (1312 bbls fl, 73000#

20-40 Econoprop)

33. PRODUCTION
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)

4/21/02

Pumping (2 x 1 1/2" x 24')

WELL STATUS (Producing or
shut-in)

Producing

DATE OF TEST

4/22/02

HOURS TESTED

24

CHOKE SIZE

n/a

PROD'N. FOR
TEST PERIOD

OIL-BBL.

62

GAS-MCF.

-0-

WATER-BBL.

54

GAS-OIL RATIO

FLOW, TUBING PRESS

n/a

CASING PRESSURE

n/a

24-HOUR RATE
CALCULATED

OIL-BBL.

62

GAS-MCF.

0

WATER-BBL.

54

OIL GRAVITY-API (CORE)

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

Sold

TEST WITNESSED BY

Jay Bilberry

35. LIST OF ATTACHMENTS

Logs

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

SIGNED

TITLE

Eng. Tech

DATE

4/23/02

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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	
					MEASURED	TRUE
					DEPTH	V.D.
				Rustler	943	2880
				Yates	2605	1218
				Seven Rivers	2813	1010
				Bowers	3257	566
				Queen	3512	311
				Penrose	3740	83
				Grayburg	4018	-195
				San Andres	4512	-689
				Delaware	4736	-913
				BS Limestone	5556	-1733
				BS 1st Sand	7610	-3787
				BS B Carbonate	7810	-3987
				BS 2nd Sand	8251	-4428
				BS C Carbonate	8746	-4923
				BS 3rd Sand	8938	-5115
				Wolfcamp	9252	-5429
				Logger's TD	9452	

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