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UNITED STATES

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

LEASE DESIGNATION AND SERIAL NO.

NM-03677

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

TARM OR LEASE NAME

Yates A Federal

WELL NO.

1

FIELD AND POOL, OR WILDCAT

Und. Bone Springs

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

Sec. 21, T-20S, R-29E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

ARTESIAN OFFICE

OR WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP EN ☒ PLUG BACK ☒ DEEP RESER ☐ 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

1980' FNL & 1980' FWL
At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RSB, ET, GR, ETC.)*

19. ELEV. CASINGHEAD

Deeper 9/16/85

NA

9/7/85

3271' GL

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

12,000

8409

NA

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

25. WAS DIRECTIONAL SURVEY MADE

8072' to 7816' Bone Springs

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CBL, C/O

27. WAS WELL CORED

NA

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8		543	17 1/2	660 SXS	
8 5/8		3124	11	2650 SXS	
4 1/2		11258	7 7/8	1450 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	SN 8142	anchor 7685

31. PERFORATION RECORD (Interval, size and number)

8072' to 7816'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8072' to 7816'	2000 gals & 18 ball sealers
	Frac w/45,000 gal & 108,000#
	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)	
9/8/85		Pumping (2" X 1 1/2" X 20')				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
9/29/85	24		11	11	TSTM	36	
ACCEPTED FOR RECORD							
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		11	11	TSTM	36		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							TEST WITNESSED BY

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

NOV 1 1985

TEST WITNESSED BY

Roby Zumwalt

35. LIST OF ATTACHMENTS

CARLSBAD, NEW MEXICO

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

SIGNED

TITLE Production Clerk

DATE 10/14/85

*(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.

27. 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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	720	
Yates	2083	
Queen	3150	
San Andres	4109	
3rd Bone Sp. Sd.	8670	
Wolfcamp	8951	