

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

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 88201

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

At surface

330' FNL & 1980' FWL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

8-20-86

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

15. DATE SPUDDED

8-25-86

16. DATE T.D. REACHED

9-13-86

17. DATE COMPL. (Ready to prod.)

9-26-86

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

3886 GL

19. ELEV. CASINGHEAD

3886

20. TOTAL DEPTH, MD & TVD

9200

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

8590

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

ALL

CABLE TOOLS

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

8443 Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/N-D/ G-R & Bond Log

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	458	17 1/2	450 sks 'C'	Circl.
8 5/8	24 & 28	2900	11	1150 filler & 200 'C'	Circl.
5 1/2	17	9200	7 7/8	1450 filler & 600 'H'	Toc @ 900'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	8560	N/A

31. PERFORATION RECORD (Interval, size and number)

8443-68 (2 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8443-68	500 Gal 20% Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-26-86		Pumping 1 1/4" x 24' Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-30-86	24	--	→	76	81	20	1066
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-----	-----	→	76	81	20	38	

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

Fuel

TEST WITNESSED BY

John Billberry

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

N.M. Young

TITLE

Drilling Superintendent

DATE

10-01-86

*(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.
Surface Rx & Rd Bd	0	1300	
Anhy & Salt	1300	2800	
Dolo & Sd.	2800	4550	
Sd & Dolo	4550	5150	
Sd.	5150	6400	
Lm Dolo	6400	8000	
Sd & Dolo	8000	8200	
Dolo & Lm	8200	8800	
Sd & Dolo	8800	9200	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1342	1342
Yates	2836	2836
7 Rivers	3270	3270
Queen	4036	4036
Grayburg	4615	4615
Delaware	5876	5876
Bone Springs	6428	6428

RECEIVED
OCT 6 1986
NOV 1986