

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
COUNTY OF BERNALILLO, NEW MEXICO

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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 660' FSL & 660' FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

30-025-29303

12. COUNTY OR PARISH

13. STATE

Lea

NM

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

8/3/85

8/23/85

10/4/85

3829.3 GL

Same

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

9077'

9030'

All

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

8095-8750' Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DL/ML W/GR; CD/CN W/GR

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	461	17 1/2"	400 SXS	N/A
8 5/8"	24/32	2654	11"	1132 SXS	N/A
5 1/2"	17	9077	7 7/8"	1455 SXS	N/A

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"	8853'	8024'

31. PERFORATION RECORD (Interval, size and number)

8095-8178' (.44" - 8 holes)
8230-8298' (.44" - 62 holes)
8436-8750' (.44" - 10 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8095-8178	12000 gal 20%
8230-8298	70250 gal 20% & 90000 gal WF
8436-8750	75000 gal BS Frac 60 & 181000 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)	
10/4/85		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/6/85	24	N/A	→	74	62	24	841	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
0	0	→	74	62	24	37		

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

Vented

TEST WITNESSED BY

John Bilberry

35. LIST OF ATTACHMENTS

Deviation Survey & 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 10/9/85

*(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.
Red Bed	0	1064	
Sand & Shale	1064	2210	
Anhy	2210	4530	
Anhy & Dolo	4530	5256	
Dolo & Sand	5256	6765	
Dolo	6765	7494	
Li, Sh & Chert	7494	7744	
Li & Sd	7744	8042	
Li & Sh	8042	8377	
Dolo & Sand	8377	9077	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE DEPTH
	TOP	TRUE
Rustler	1092	
Cowden Anhy	2200	
Yates	2580	
Yates "A"	2634	
7 Rivers	3003	
Bowers	3458	
Queen	3715	
Penrose	3951	
Grayburg	4226	
San Andres	4544	
Delaware Sand	5254	
Bone Spring	5874	

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OFFICE