

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, N.M. 88202

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

At surface Unit I, 1980' FSL & 660' FEL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

30-025-31093

DATE ISSUED

12/4/90

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

15. DATE SPUDDED

1/2/91

16. DATE T.D. REACHED

1/29/91

17. DATE COMPL. (Ready to prod.)

4/9/91

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

3809.2 GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11,925

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

9540'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

Rotary

CABLE TOOLS

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

8348-9046' (oa) Bone Spring

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & DN w/GR

27. WAS WELL CORED

No

29. 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	408	17 1/2	450	Circ to surface
8 5/8	32	3533	12 1/4	1800	Circ to surface
5 1/2	17	11,925	7 7/8	1950	TOC @ 3038'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	9152'	

31. PERFORATION RECORD (Interval, size and number)

8989-9046' (oa) 1 spf 9 holes
8690-98' 17 holes -
8248-70' 23 holes -) See Sundry for treatment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8989-9046	Acidz w/2500 gals 10% NEFE & 18 BS
	Frac w/85,500 gals BS40 & 141,250
	lb 16/20 carbolite

33.* PRODUCTION

33.*

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/11/91		Pumping (2" x 1 1/2" x 16' Cumble pmp)					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	TSTM	WATER—BBL.	GAS-OIL RATIO
6/12/91	24	n/a	→	50			39	n/a
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	TSTM		WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	50				39	36.8
TEST WITNESSED BY								

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

used on lease

TEST WITNESSED BY

Ray Coor

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

Wakie Jue

TITLE Prod Analyst

DATE 6/14/91

*(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.
Triassic Rd Bd	0		
Rustler	1170	1170	Clstrs, sltst str, anhy, dolo str
Salado	1320	1320	Mssv anhy w/siltst & sh stringers
Yates	2700	2700	Salt section
7 Rivers	3130	3130	Dolo, sd, anhy
Queen	3860	3860	Dolo, anhy, sd (white)
Grayburg	4434	4434	Rd sd, dolo, anhy
San Andres	4894	4894	white, gray sd, dolo, anhy
Delaware	5432	5432	Dolo, arenaceous dolo, shale
Upper B. Sp.	6362	6362	gray sand, tan sand, dolo stringers
1st B. Sp. sd.	8015	8015	dolo, siliceous ls, carcaceous shale
1st B. Sp. Carb	8260	8260	Sltst & sand
2nd B. Sp. sd	8750	8750	Dolo w/anhy & sh stringers
2nd B. Sp. Carb	9250	9250	Sand & Sltst
3rd B. Sp. sd	9350	9350	Dolo
Wolfcamp	9530	9530	Sand & Sltst
Cisco	10134	10134	Dolo & sh & ls
Canyon Sh	10900	10900	ls & sh
Strawn	11604	11604	Shale
Atoka	11804	11804	ls & shale stringers
	11804	TD	ls stringers & shale stringers

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Rustler	1170		1170
Yates	2700		2700
7 Rivers	3130		3130
Bowers	3590		3590
Queen	3860		3860
Penrose	4116		4116
Grayburg	4434		4434
BFSa	4894		4894
Delaware	5432		5432
Bone Spring	6362		6362
Shingle	8306		8306
Wolfcamp	9530		9530
Cisco	10134		10134
Penn Shale	10900		10900
Strawn	11604		11604
Atoka	11804		11804
TD	11925		11925