

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. CEMER. ☐ Other _____

3. NAME OF OPERATOR

Harvey E. Yates Company

RECEIVED

4. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202 AUG 01 '89

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

At surface

1980' FNL & 660' FWL

O. C. D.

ARTESIA, OFFICE

At top prod. interval reported below

At total depth

same

14. PERMIT NO.

30-015-26127

DATE ISSUED

5/28/89

15. DATE SPIDED

6/3/89

16. DATE T.D. REACHED

6/24/89

17. DATE COMPL. (Ready to prod.)

7/11/89

18. ELEVATIONS (DP, RKB, RT, GB, ETC.) *

3656.0 GL

19. ELEV. CASINGHEAD

3656.0

20. TOTAL DEPTH, MD & TVD

8571

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

8530

22. IF MULTIPLE COMPL., HOW MANY *

-

23. INTERVAL DRILLED BY

ROTARY TOOLS

A11

CABLE TOOLS

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

8139-8384 Bone Springs

25. TYPE ELECTRIC AND OTHER LOGS RUN

D11 w/Micro & D-N w/GR

27. WAS WELL CORRED

No

26. CARING 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	370	17 1/2	500 sks	Circ to surface
8 5/8	24 & 32	2065	12 1/4	2250 sks	Circ to surface
5 1/2	17	8571	7 7/8	1575 sks	Circ to surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	7880	7880

31. PERFORATION RECORD (Interval, size and number)

8139-8384 13-.38" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8139-8384	3700 gals 7 1/2% & BS
	Frac w/120,000 gals BS-45 &
	100,000# 16/20 Carbo-Lite

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/12/89		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/13/89	24	N/A	→	217	240	159	1100
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	0	→	217	240	159	38	

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

Used on lease

TEST WITNESSED BY

Curtis Tolle

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

T. Miller

NM Young

TITLE

Drilling Superintendent

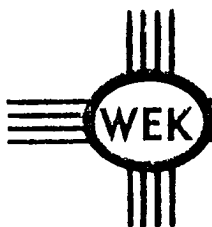
DATE

7/13/89

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
RD Bd & Surf Rx Salt & Anhy Dolo & Sand Sand & Dolo Sand Dolo & Lime Sand Dolo Sand	0 600 1900 3700 4200 5100 7250 7600 7850	600 1900 3700 4200 5100 7250 7600 7850 TD		Rustler Yates 7-Rivers Bowers Queen Penrose Grayburg San Andres Delaware Bone Springs TD	568 1898 2295 2754 3014 3230 3520 3770 4294 5038 8571	568 1898 2295 2754 3014 3230 3520 3770 4294 5038 8571



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

RECEIVED

June 28, 1989

AUG 01 '89

Heyco, Inc.
P.O. Box 1933
Roswell, N.M. 88201

C. C. D.
ARTESIA, OFFICE

Ref: PMS 8 #3

Gentlemen:

The following is a Deviation survey on the above referenced well located in Eddy County, New Mexico.

370' - 1/2°	3487' - 1 3/4°	6404' - 2 3/4°
893' - 3/4°	4099' - 1 1/4°	6660' - 1 1/4°
1307' - 1 3/4°	4471' - 1 1/4°	6856' - 3/4°
1791' - 1°	5013' - 2 1/4°	7345' - 1°
2065' - 1/2°	5505' - 3°	7846' - 1°
2555' - 3/4°	5880' - 3°	8351' - 1/4°
2960' - 3/4°	6124' - 3°	8571' - 1/4° TD

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 28th day of June 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC