

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

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

ckf

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 ☐ DEEP. RESERV. ☐ Other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

RECEIVED

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 1650' FWL & 1980' FWL

At top prod. interval reported below

At total depth same

JAN 12 '90

C. C. D.
ARIZONA, OFFICE

11. PERMIT NO.

30-015-26217

DATE ISSUED

10/19/89

15. DATE SPUNDED

11/19/89

16. DATE T.D. REACHED

12/13/89

17. DATE COMPL. (Ready to prod.)

12/30/89

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

3696.3 GL

19. ELEV. CASINGHEAD

3696.3

20. TOTAL DEPTH, MD & TVD

8465

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

8418

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) *

8000-8309' Bone Springs

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & D-N w/GR

27. WAS WELL CORED

Yes 3610-43'

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	54.5	367	17 1/2	375	Circ to surface
8 5/8	32	2025	12 1/4	1000	Circ to surface
5 1/2	17	8465	7 7/8	1350	TOC @ 250'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	7920	TAC @ 7326

31. PERFORATION RECORD (Interval, size and number)

8000-8309 (1 spf-12 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8000-8309	Acid w/3400 gals MSR-123
	Frac w/10,000 gals pre-pad,
	110,000 gals BS-40 & 171,250#
	16/20 Carbolite

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/1/90		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/6/90	24	Ø	→	179	80	36	447
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	179	80	36	38	

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 S.M. Young NM Young TITLE Drilling Superintendent

DATE 1/8/90

*(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.

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.
Rd Bd & Surf Rx	0	500	
Anhy & Salt	500	1900	
Dolo	1900	3600	
Dolo & Sand	3600	4750	
Dolo & Lime	4750	7200	
Sand	7200	7600	
Dolo	7600	7750	
Sand	7750	8400	
Dolo	8400	8450	
TD	8450		

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	480	480
Yates	1895	1895
7 Rivers	2280	2280
Bowers	2744	2744
Queen	2980	2980
Penrose	3195	3195
Grayburg	3488	3488
BFSA	3840	3840
Delaware	4280	4280
Bone Spring	4750	4750
TD	8450	8450



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

December 18, 1989

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

JAN 12 '90

REF: Parker "5" Fed #4

O. C. D.
ARTESIA, OFFICE

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

367' - 1/2°	4971' - 3°	6357' - 4 1/4°	6880' - 4 1/2°
878' - 3/4°	5093' - 3°	6444' - 4 1/4°	6973' - 4°
1381' - 3/4°	5216' - 3°	6474' - 3 1/2°	7068' - 4°
1876' - 1°	5339' - 3°	6562' - 4 1/4°	7162' - 3°
2025' - 1/2°	5462' - 3°	6631' - 4 1/4°	7257' - 3 1/4°
2500' - 3/4°	5649' - 3°	6693' - 4 3/4°	7352' - 3°
3024' - 1°	5765' - 3 1/2°	6724' - 4 1/4°	7445' - 3°
3607' - 1 1/4°	5943' - 3 1/4°	6786' - 4 3/4°	7571' - 2°
4198' - 1 1/4°	6162' - 4°	6818' - 4 1/4°	7979' - 1 3/4°
4722' - 2°	6287' - 3 3/4°	6848' - 4°	8465' - 1 1/4° TD

Sincerely,

Arnold Newkirk
Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 18th day of December 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

Linda Rogers
NOTARY PUBLIC