

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL MIN. DIVISION
Draper, UT
Artesia, NM
(See other Instructions on reverse side)

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

415F

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 ☐ REPAIR ☐ Other ☐

2. NAME OF OPERATOR: Harvey E. Yates Company

3. ADDRESS OF OPERATOR: P.O. Box 1933, Roswell, New Mexico 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 990' FNL & 760' FEL

At top prod. interval reported below

At total depth same

14. PERMIT NO. 30-015-26166 DATE ISSUED 8/15/89

15. DATE STUDDED 9/9/89 16. DATE T.D. REACHED 9/29/89 17. DATE COMPL. (Ready to prod.) 10/22/89 18. ELEVATIONS (OF, RWD, RT, GR, ETC.)* 3756.7 GL 19. ELEV. CASINGHEAD 3756.7

20. TOTAL DEPTH, MD & TVD 8910 21. PLUG, BACK T.D., MD & TVD 8440 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TVD)* 8048-8109 Bone Springs

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL w/Micro & D/N

28. CASING RECORD (Report all strings set in well)						25. WAS DIRECTIONAL SURVEY MADE	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FUL	No	RECEIVED
13 3/8	54.5	350	17 1/2	375 "C"	Circ		
8 5/8	32	2354	12 1/4	900 filler & 200 "C"	Circ		
5 1/2	17	8910	7 7/8	1100 filler & 350 "H"	Top @ 1600		

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8218	TA @ 7922

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8048-8109	2 spf 12-.40" Diameter holes	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8048-8109	3200 gals 20% HCL & BS
			20,000 28% HCL & 30,000 gals OF

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut in)	
10/24/89		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL BBL.	GAS MCF	WATER BBL.	GAS-OIL RATIO
10/25/89	24	-	→	14	18	5	1285
FLOW, TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL BBL.	GAS MCF	WATER BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	14	18	5	38	

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

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 NM Young TITLE Drilling Superintendent DATE 11/1/89

*(See Instructions and Spaces for Additional Data on Reverse Side) CARLSBAD, NEW MEXICO

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rd Bd & Surf Rx Salt & Anhy Dolo & Sand Sand Dolo & Lime Sand Dolo Sand TD	0 800 2300 4750 5700 7550 7900 8150 8910	800 2300 4750 5700 7550 7900 8150 8910		Rustler Yates 7 Rivers Bowers Queen Penrose Grayburg Metex San Andres Delaware Bone Springs TD	838 2308 2728 3176 3430 3654 3950 4185 4460 4840 5714 8910	838 2308 2728 3176 3430 3654 3950 4185 4460 4840 5714 8910



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 746-6757
ROSWELL 623-5070

RECEIVED

October 04, 1989

NOV 3- '89

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

O. C. D.
ARTESIA OFFICE

REF: Hudson "11" Fed # 5

Gentlemen:

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

350' - 3/4°	4920' - 1°
522' - 3/4°	5441' - 1 1/4°
1012' - 1/4°	5938' - 1 1/2°
1512' - 1/4°	6435' - 3°
2117' - 3/4°	6689' - 2 1/4°
2354' - 1°	7159' - 2 1/4°
2836' - 1°	7661' - 1 1/2°
3329' - 1°	8164' - 3/4°
3469' - 1°	8666' - 1°
3931' - 1°	8910' - 1° TD
4427' - 1°	

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 04th day of October 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC