

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. RESVL. ☐ 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 660' FEL & 1650' FSL
At top prod. interval reported below
At total depth same

14. PERMIT NO. 30-015-26158 DATE ISSUED 7/26/89
15. DATE SPUDDED 8/19/89 16. DATE T.D. REACHED 9/7/89 17. DATE COMPL. (Ready to prod.) 10/7/89
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3750.3 GL 19. ELEV. CASINGHEAD 3750.3 GL
20. TOTAL DEPTH, MD & TVD 8966 21. PLUG BACK T.D., MD & TVD 8260 22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY Rotary Tools A11 Cable Tools
24. PRODUCING INTERVAL(S), OF THIS COMPLETION— TOP, BOTTOM, NAME (MD AND TVD)* 7995-8126 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 No

CASING RECORD (Report all strings set in well)						AMOUNT FULLED
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
13 3/8	54.5	360	17 1/2	375 sks "C"		Circ
8 5/8	32	2350	12 1/4	1000 filler & 200 tail		Circ
5 1/2	17	8966	7 7/8	1100 filler & 325 tail		TOC @ 960'

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8205	TA @ 7889

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7995-8126 (.41" - 75 holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7995-8126	5000 gals 20% & balls
			10,000 gals 28%

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/8/89		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/15/89	24	N/A	→	167	198	93	1185
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
N/A	N/A	→	167	198	93	38	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold TEST WITNESSED BY Ray Coors

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 NM Young TITLE Drilling Superintendent DATE 10/17/89

*(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.	NAME	MEAS. DEPTH TRUE VERT. DEPTH
38.	GEOLOGIC MARKERS					
	Rd Bd & Surf Rx Salt & Anhy Dolo & Anhy Dolo & Sand Sand & Dolo Dolo & Lime Sand Dolo Sand Dolo	0 800 2300 3450 4950 5900 7750 7950 8250 8970	800 2300 3450 4950 5900 7750 7950 8250 8970 8966		Rustler Yates 7 Rivers Bowers Queen Penrose Grayburg Premier San Andres Delaware Bone Springs TVD	832 2311 2744 3198 3454 3684 4033 4263 4386 4906 5907 8966



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

September 11, 1989

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

REF: A.J."11" Fed #2

Gentlemen:

360' - 1/2°
862' - 3/4°
1356' - 1°
1847' - 3.4°
2350' - 1/2°
2869' - 3/4°
3256' - 3/4°
3743' - 1°
4238' - 1°
4733' - 1°

5226' - 2 1/2°
6190' - 2°
6690' - 3°
6990' - 3°
7477' - 2 1/2°
7977' - 2 1/2°
8480' - 2°
8800' - 1 3/4°
8970' - 2 1/2° TD

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 11th day of September 1989
by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC