

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, New Mexico 88202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FSL & 660' FWL Unit 2
At top prod. interval reported below
At total depth same

14. PERMIT NO. 30-025-30924 DATE ISSUED 6/7/90
15. DATE SPUNDED 6/13/90 16. DATE T.D. REACHED 7/29/90 17. DATE COMPL. (Ready to prod.) 10/3/90
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3803.2 GL 19. ELEV. CASINGHEAD 3803.2
20. TOTAL DEPTH, MD & TVD 12,955 21. PLUG BACK T.D., MD & TVD 10,321 22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8915-28' & 8756-84' (oa) Bone Springs
26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL w/Micro & DN/GR
25. WAS DIRECTIONAL SURVEY MADE
No
27. WAS WELL CORED
No

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	417	17 1/2	425	Circ to surface
8 5/8	24 & 32	3495	12 1/4	1800	Circ to surface
5 1/2	17	12955	7 7/8	2200	TOC @ 3600'
DV @ 9170'					

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8143 TA	8613' SN

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8928, 20, 15 (6 holes) 2 JSPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8784, 74, 64 & 56 (4 holes)		8756-8928	Acidz w/2500 gals 7 1/2% SRA & 20 BS, Frac 2/77, 500 gals WF-40 + 101,250# LWP

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/6/90		Pumping (2" x 1 1/2" x 16' Gumbie)				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/9/90	24	0	→	139	70	36	504
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	0	→	139	70	36	38	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Venting: WO PL
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 Ray Nokes TITLE Prod Mgr/Eng DATE 10/10/90

*(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.
Rd Bd, Salt & Anhy	0	2420	
Anhy & Dolo	2420	4000	
Dolo & Sand	4000	5050	
Sd, Dolo & Chrt	5050	5880	
Im, Dolo & Sd	5880	7180	
Im, Sd & Chrt	7180	7900	
olo, Sd & Sh	7900	9700	
Im, Sh & Chrt	9700	11480	
Im & Sh	11480	12210	
Im, Sh & Sd	12210	12955 TD	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE DEPTH
Rustler	1113	1113
Yates	2620	2620
7 Rivers	3050	3050
Bowers	3514	3514
Queen	3778	3778
Penrose	4020	4020
Grayburg	4330	4330
BFSa	4790	4790
Delaware	5056	5056
Bone Spring	6186	6186
Wolfcamp	9368	9368
Strawn	11460	11460
Morrow	12210	12210
TD	12955	12955

RECEIVED
OCT 17 1951
HOBBE'S OFFICE