

Drawer DD  
Artesia, NM 88210UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

9/SP

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR Harvey E. Yates Company ✓															
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, NM 88201															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 1980' FWL At top prod. interval reported below At total depth Same															
14. PERMIT NO.		DATE ISSUED													
15. DATE SPUDDED 1/4/85		16. DATE T.D. REACHED 2/18/85		17. DATE COMPL. (Ready to prod.) 4/6/85		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3733.4 GL		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 12,030		21. PLUG, BACK T.D., MD & TVD 8525'		22. IF MULTIPLE COMPL., HOW MANY* NA		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0 - 12,030		CABLE TOOLS NA					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8080' to 8356' Bone Springs								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN CD, CN w/GR & DLL								27. WAS WELL CORRED No							
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		754'		17 1/2		675 sxs		None					
8 5/8		24 & 32		5000'		11		2450 sxs		None					
5 1/2		17		12030'		7 7/8		1925 sxs		None					
29. LINER RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)							
				NA											
30. TUBING RECORD															
SIZE		DEPTH SET (MD)		PACKER SET (MD)											
2 3/8		7990		7990											
31. PERFORATION RECORD (Interval, size and number)															
8250' to 8080' (1 spf, 13 holes) 8356' to 8301' (1 spf, 7 holes)															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED											
8356' - 8301'				Acdz w/4000 gal											
8250' - 8080'				Frac w/55000 gal & 120,000# sd											
				Acdz w/4000 gal											
				Frac w/97,000 gal & 226,000# sd											
33.* PRODUCTION															
DATE FIRST PRODUCTION 4/8/85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Prod.							
DATE OF TEST 4/9/85		HOURS TESTED 24		CHOKE SIZE 32/64		PROD'N. FOR TEST PERIOD →		OIL—BBL. 211		GAS—MCF. TSTM		WATER—BBL. 223 Load		GAS-OIL RATIO	
FLOW. TUBING PRESS. 100#		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL. 211		GAS—MCF. TSTM		WATER—BBL. 223 Load		OIL GRAVITY-API (CORR.) 35.5			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Lease Fuel												TEST WITNESSED BY Micky Young			
35. LIST OF ATTACHMENTS Logs & Deviation Survey												APR 11 1985			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records												CAPISBAD, N. MEXICO			
SIGNED <i>A. M. Young</i>		TITLE Drilling Superintendent						DATE 4/10/85							

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. All attachments If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Consult local State Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. (See instruction for items 22 and 24 above.) Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Item 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval. Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES:		38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		NAME	
FORMATION	TOP	MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed	0	Rustler	648
Anhy. & Salt	620	Yates	2030
Anhy. & Dolo.	2337	7-Rivers	2408
Anhy. & Sd	3295	Queen	3102
Dolo.	3640	San Andres	3917
Dolo. & Sd	4146	Bone Springs	4152
Li	5515	Wolfcamp	9107
LI & Chert	6525	Strawn	10825
LI & SH	7083	Morrow	11300
Dolo. & Sd	7504	Barnett	11924
	9664		12030
	9875		
	11498		
	11498		
	11836		
	11938		
	11938		
	12030		