

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPL. 1E\*

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

## 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"/>		1b. 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"/>		<div style="border: 2px solid black; padding: 5px; text-align: center;">RECEIVED BY JAN 22 1985 O. C. D. ARTESIA, OFFICE</div>		5. LEASE DESIGNATION AND SERIAL NO. NM-17216	
2. NAME OF OPERATOR Harvey E. Yates Company ✓						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 1933, Roswell, New Mexico 88201						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FWL At top prod. interval reported below At total depth Same						8. FARM OR LEASE NAME Anderson 24 Federal	
14. PERMIT NO.				DATE ISSUED		9. WELL NO. 1	
15. DATE SPUDDED 10/8/84		16. DATE T.D. REACHED 11/4/84		17. DATE COMPL. (Ready to prod.) 1/5/85		18. ELEVATION (OF RKB, RT, GR, ETC.)* 3773.3 GL	
20. TOTAL DEPTH, MD & TVD 9485		21. PLUG BACK T.D., MD & TVD 2615		22. IF MULTIPLE COMPLET. HOW MANY* NA		23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 9485 CABLE TOOLS NA	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 2214' to 2540' San Andres						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CN-Litho Density; DI-SFL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOSE SIZE	
13 3/8		54		420		17 1/2	
8 5/8		24		2154		11	
5 1/2		15.5 & 17		3097		7 7/8	
CEMENTING RECORD		AMOUNT PULLED					
425 sxs							
1200 sxs							
325 sxs							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
				NA			
30. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8		2614		2595		SN	
31. PERFORATION RECORD (Interval, size and number) 2214', 31, 40', 60', 2841', 43', 90', 95' 2421', 22', 61', 71', 2538', 40' (1 spf)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 2214' - 2540' AMOUNT AND KIND OF MATERIAL USED Frac 2/52,000 gal E-Z Frac 50 & 15,000# 20/40 sd & 27,500# 12/20 sd. Acidz w/4000 gal 15% SRA & 28 BS			
33. PRODUCTION							
DATE FIRST PRODUCTION 1/5/85		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pump (2" X 1 1/2" X 16' T.B.)				WELL STATUS (Producing or shut-in) Prod.	
DATE OF TEST 1/8/85		HOURS TESTED 24		CHOKE SIZE 50		GAS--MCF. TSTM	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE 50		WATER--BBL. 75	
OIL--BBL.		GAS--MCF.		WATER--BBL.		OIL GRAVITY-API (CORR.)	
50		TSTM		75			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY Micky Young	
35. LIST OF ATTACHMENTS Deviation Survey & Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Ray T. [Signature]		TITLE Reservoir Engineer		DATE 1/10/85			

\*(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. 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. All attachments should be listed on this form, see Item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** 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. **Items 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; GASED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL OPEN, FLOWING, AND SHUT-IN PRESSURES, AND RECOVERIES						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN DEPTH	TOT. DEPTH
Red Bed	0	420				
Anhy & Salt	420	1075		Yates	181	
Anhy, Sh & Sd	1075	1348		Seven Rivers	401	
Anhy & Salt	1348	1525		Bowers	661	
Anhy & Dolo	1525	2183		Queen	899	
Dolo	2183	3109		Penrose	1012	
Dolo & Li	3109	5259		Grayburg	1230	
Sh	5259	6083		San Andros	1648	
Dolo & Li	6083	6912		Glorieta	3100	
Sh	6912	9485		Pubb	4393	
				Abo	5126	
				Wolfcamp	6382	
				Cisco (Penn)	7513	
				Canyon	8106	
				Strawn	8600	
				Atoka	8921	
				Morrow	9136	
				Chester	9414	