

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on reverse)

Form approved
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
JUN 29 1981

1a. TYPE OF WELL:		OIL WELL ☒		GAS WELL ☐		DRY ☐		Other ☐	
b. TYPE OF COMPLETION:		NEW WELL ☒		WORK OVER ☐		DEEP-EN ☐		PLUG BACK ☐	
				DIFF. RESV. ☐		Other ☐			
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' FEL & 660' FSL At top prod. interval reported below At total depth Same									
14. PERMIT NO. R-271-81				DATE ISSUED 4-13-81				12. COUNTY OR PARISH Lea	
								13. STATE NM	
15. DATE SPUDDED 4-19-81		16. DATE T.D. REACHED 5-21-81		17. DATE COMPL. (Ready to prod.) 6/22/81		18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 3876 GR		19. ELEV. CASINGHEAD 3876	
20. TOTAL DEPTH, MD & TVD 9500		21. PLUG, BACK T.D., MD & TVD 8535		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-9500		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TVD)* 8469 - 8502' Bone Spring								25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger FDC-CNL, DLL-SFL; CRC-CBL								27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
13 3/8		54.5		662		17 1/2		750 sx C1 "C" w/2% CaCl	
8 5/8		32#-28#-24#		4650		11		1) 950 sx "H" (2) 450 sx DV Tool @ 1403'	
5 1/2		17 - 15.5		9500		7 7/8		700 sx None	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
				None					
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2 3/8		8408		8413					
31. PERFORATION RECORD (Interval, size and number)									
8469' - 8475' w/2 JSPF									
8477' - 8484' " Total 50 1/2" Holes									
8488 - 8494 " "									
8496 - 8502 " "									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)					AMOUNT AND KIND OF MATERIAL USED				
8469 - 8502					500 gal - 15% MSR - 100				
33. PRODUCTION									
DATE FIRST PRODUCTION 6-22-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in)	
DATE OF TEST 6-22-81		HOURS TESTED 6.0		CHOKE SIZE 32/64"		PROD'N. FOR TEST PERIOD OIL—BBL. 160 GAS—MCF. 254		WATER—BBL. 6 GAS-OIL RATIO 1588	
FLOW. TUBING PRESS. 275		CASING PRESSURE 0		CALCULATED 24-HOUR RATE 640		OIL—BBL. 1016		WATER—BBL. 36 OIL GRAVITY-API (CORR.) 37	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented								TEST WITNESSED BY Micky Young	
35. LIST OF ATTACHMENTS									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED [Signature]		TITLE Engineer				DATE 6/24/81			

*(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 33.

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: "Stacks 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 POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL PLSTED, CUSHION USED TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red Beds	0	662	Rustler	1257	
Rd Bd - ANHY	622	2645	Base of Salt	2520	
Anhy - GYP	2645	3010	Yates	2721	
Anhy	3010	4261	Seven Rivers	3160	
Lime - Anhy	4261	4650	Queen	3886	
Lime - Shale	4650	8493	Penrose	4159	
Sand Lime & Shale	8493	8575	Bone Spring Lime	6146	
Lime Shale	8575	8592	1st B.S. Sand	7909	
Sand Lime & Shale	8592	8647	Bone Spring Pay	8434	
Lime Shale	8647	8955	2nd B.S. Sand	8587	
Sand - Dolo	8955	9133	3rd B.S. Sand	9188	
Lime - Shale	9133	9500	Wolfcamp	9400	
			TD	9500	

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