

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 ☐	FEED-INS ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Hegwer Drilling Co						3. ADDRESS OF OPERATOR 200 Clayton St. Artesia, N.M. 88210	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):						5. LEASE DESIGNATION AND SERIAL NO. LC-267849	
At surface 360' from Northline + 990' from West line.						6. IF INDIAN, ALLOTTEE OR TRIBE NAME None	
At top prod. interval reported below Sec. 35, Township 17S, Range 27E, County Eddy						7. UNIT AGREEMENT NAME	
At total depth Empire Yates Seven Rivers						8. FARM OR LEASE NAME Hegwer Federal	
14. PERMIT NO.						12. COUNTY OR PARISH Eddy	
DATE ISSUED 10-19-83						13. STATE New Mexico	
15. DATE SHUDDLED 3-2-84		16. DATE T.D. REACHED 3-29-84		17. DATE COMPL. (Ready to prod.) 4-2-84		18. ELEVATIONS (OF. RSB, RT, GR, ETC.)	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 412		21. PLUG, BACK T.D., MD & TVE 407		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (2nd AND TVD)* Tested 4.3-407		25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN Sample log by Jack Ahlen-Roswell N19	
27. WAS WELL CORED		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
Casing Size 4 1/2" O.D.		Weight, lb./ft. 11		Depth Set (MD) 406		Hole Size 6 7/8	
Cementing Record Fed 7-4 1/2" - 9 1/2" casing at 400' March 21 completed plugged down 4:30pm 2 sacks gel mud 70 sacks class C cement - 2 sacks calcium chloride		Amount Pulled 250'		Bottom (MD) Sacks Cement Screen (MD)		Size Depth Set (MD) Packer Set (MD)	
21. PERFORMING RECORD (Interval, size and number) None		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION 4-7-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 1 1/2" insert pump		WELL STATUS (Producing or shut in) Producing		35. LIST OF ATTACHMENTS	
DATE OF TEST 4-7 to 4-12		HOURS TESTED 40		CHOKE SIZE None		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
PROD'N. FOR TEST PERIOD 8 bbls/day		OIL—BBL. GAS—MCF. WATER—BBL.		GAS—MCF. OIL GRAVITY-API (CORR.) 32		SIGNED Paul Hegwer TITLE Caldera NEW MEXICO DATE JUN 22 1984	

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: "Nacks 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 TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Top Soil	0	5		Yates Seven Rivers 403-407		
Shell	5	15				
Shale break	15	20				
Crevice	20	25				
Hard brown shale	25	35				
Sand & shale	35	50				
Anhy shale	50	85				
Red shale	85	120				
Gyp & red shale	120	175				
Anhy	175	205				
4P Red shale & water	205	210				
Shale & gyp	210	230				
ad white Anhy	230	325				
Sandy lime	325	328				
Sandy lime	328	341				
Sand	341	395				
Sandy shale	395	400				
own sand - oil seam	400	402				
rey sand - oil	402	405				
lime	405	412				
Sandy & anhy	412					