

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-11538-6

1a. TYPE OF WELL Oil Well ☒ Gas Well ☐ Dry ☐ OTHER ☐		RECEIVED BY NOV 12 1986 O.C.D. ARTESIA, OFFICE		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐				8. Farm or Lease Name Powco State	
2. Name of Operator Paul Hegwer				9. Well No. 2	
3. Address of Operator 806 Clayton, Artesia, New Mexico 88210				10. Field and Pool, or Wildcat Empire-Yates-7 River	
4. Location of Well UNIT LETTER <u>R</u> LOCATED <u>1620</u> FEET FROM THE <u>East</u> LINE AND <u>980</u> FEET FROM THE North LINE OF SEC. <u>31</u> TWP. <u>17S</u> RGE. <u>28E</u> NMPM				12. County Eddy	
15. Date Spudded 5-12-86	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.) GL 3698	19. Elev. Casinghead	
20. Total Depth 747	21. Plug Back T.D. 734	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	Cable Tools X	
24. Producing Interval(s), of this completion - Top, Bottom, Name 632' to 656' - Seven Rivers				25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Gamma Ray - Neutron				27. Was Well Cased No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE 4 1/2	WEIGHT LB./FT. 9.5	DEPTH SET 734	HOLE SIZE 8"	CEMENTING RECORD 250 Sacks	AMOUNT PULLED None
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
31. Perforation Record (Interval, size and number) 3 1/2" Steel Carrier Gun 3 holes @ 632 to 34 4 holes @ 644 to 47 5 holes @ 652 to 56			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 632' to 656' AMOUNT AND KIND MATERIAL USED 500 gals 15% NE acid Broke down @ 1200# pressure		
33. PRODUCTION					
Date First Production 7-15-86		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" bottom hole pump			Well Status (Prod. or Shut-in)
Date of Test 7-16-86	Hours Tested 24	Choke Size	Prod'n. For Test Period 7 Bbls	Oil - Bbl. TSTM	Gas - MCF TSTM
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate 7 Bbls	Oil - Bbl. TSTM	Gas - MCF TSTM	Water - Bbl. TSTM
34. Disposition of Gas (Sold, used for fuel, vented, etc.)					Test Witnessed By
35. List of Attachments					
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					
SIGNED <u>Paul Hegwer</u>			TITLE <u>Owner</u>		DATE <u>11/6/86</u>

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Aloka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>632</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Pennian _____	T. _____
T. Gingo (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>638</u> to <u>643</u>	No. 4, from _____ to _____
No. 2, from <u>656</u> to <u>665</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>385</u> to <u>395</u> feet	<u>150'</u> from surface
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	5	5	Top Soil	651	656	5	Anhy & Lime
5	15	10	Caleache	656	665	9	Red, grey, green
15	185	170	Red Shale	665	700	35	Greylime Stain
185	250	65	Gyp & Anhy	700	747	47	Anhy & Gyp
250	325	75	Anhy & Shale		T.D.		Anhy & Lime (hard)
325	385	60	Sandy Shale				
385	395	10	Water Sand				
395	515	120	Anhy				
515	530	15	Blue Shale				
530	632	102	Anhy				
632	638	6	Brown Shale				
638	640	2	Stain lime Sandy dark brown				
640	643	3					
643	651	8	Stain lime				
			Anhy				