

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY HOBBS, NEW MEXICO 88240

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

5. LEASE DESIGNATION AND SERIAL NO.  
NM 14812

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1. TYPE OF COMPLETION:  
NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Alpha Twenty-One Production Company

3. ADDRESS OF OPERATOR  
P.O. Box 1206, Jal, NM 88252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2310 FEL and 330 FSL, Section 35, T19S, R38E  
At top prod. interval reported below  
At total depth

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Werta Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
House Drinkard

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 35, T19S, R 38E

14. PERMIT NO. DATE ISSUED  
12-21-81

12. COUNTY OR PARISH  
Lea  
13. STATE  
New Mexico

15. DATE SPUDDED 1-6-82  
16. DATE T.D. REACHED 1-19-82  
17. DATE COMPL. (Ready to prod.) 3-8-82  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3577 Ground Level  
19. ELEV. CASINGHEAD 3577'

20. TOTAL DEPTH, MD & TVD 7200'  
21. PLUG, BACK T.D., MD & TVD 7141'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY → 7200'  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6675 - 6774 (Tubb)

25. WAS DIRECTIONAL SURVEY MADE  
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Forxo - Guard, CDL - Neutron  
27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1611.94	12-1/4"	800 sx Cl.C, Circulate 150	sx
5-1/2"	17	7195.77	7-7/8"	1st. Stage-575 sx Cl.C, Circul. 100 sx 2nd. Stage-1050 sx Halliburton Lite	
				200 sx Cl.C, Circ. 100 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6775'	None

31. PERFORATION RECORD (Interval, size and number)  
6675, 6678, 6680, 6686, 6688, 6690, 6698, 6704, 6724, 6726, 6732, 6740, 6742, 6754, 6760, 6770, 6774 - 17 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6675-6774	4100 gals. 15% NE acid
6675-6774	50,000 gals. frac fluid, 300 SCF N <sub>2</sub> , & 765 sx sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-3-82	Pumping - Anvil 228	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-20-82	24	32/64	→	8.28	40	20	4831/1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1ump	18	→	8.28	40	20	38

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold

35. LIST OF ATTACHMENTS  
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. W. Lansford TITLE V.P./Energy Resources  
R. W. Lansford U.S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

**RECORDED**

AGGREGATED RECORD  
R. Lansford  
(ORIG. SGD.) DAVID R. GLASS  
OCT 14 1982

\*(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 POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED		38. GEOLOGIC MARKERS	
FORMATION	BOTTOM	NAME	MEAS. DEPTH
			TOP
			TRUE VERT. DEPTH
Red Beds	-0-	Red Sand & Shale	1590
Anhydrite	1590	Anhydrite, Salt & Dolomite	2873
Yates	2873	Sand and Dolomite	3667
San Andres	4223	Dolomite	5597
Glorietta	5597	Dolomite and Sand	6040
Blinebry	6040	Dolomite	6558
Tubb	6558	Dolomite and Sand	6910
Drinkard	6910	Dolomite	7200

RECEIVED  
OCT 18 1982  
FEDERAL BUREAU OF GEOSCIENCES