

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

HOBBBS, NEW MEXICO 88240

DESIGNATION AND SERIAL NO.
NM 14217

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 ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐								
2. NAME OF OPERATOR Alpha Twenty-One Production Company						3. ADDRESS OF OPERATOR 2100 First National Bank Building, Midland, Texas 79701									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL and 660' FEL At top prod. interval reported below At total depth						5. U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO 79701									
14. PERMIT NO.				DATE ISSUED 3-31-81											
15. DATE SPUDDED 8-4-81		16. DATE T.D. REACHED 8-11-81		17. DATE COMPL. (Ready to prod.) 10-1-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3143 Ground Level		19. ELEV. CASINGHEAD 3143							
20. TOTAL DEPTH, MD & TVD 3400		21. PLUG BACK T.D., MD & TVD 3357		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		24. ROTARY TOOLS 3400							
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3056-3234 (Queen)								26. WAS DIRECTIONAL SURVEY MADE Yes							
27. TYPE ELECTRIC AND OTHER LOGS RUN Forxo-Guard, CDL - Neutron								28. WAS WELL CORED No							
29. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
12-3/4"		33		30'		15"		Redimix to Surface							
8-5/8"		23		457'		12 1/4"		285 Sx.Cl.C, 2%Cacl, Circulated							
5 1/2"		14		3400'		7-7/8"		400 Sx.Pacesetter Lite Cl.C w/5 Lb.Salt							
								300 Sx.Cl.C 50-50 Pozmix w/2%Gel, Circulated							
30. LINER RECORD										31. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2-3/8		3110			
32. PERFORATION RECORD (Interval, size and number) 3056, 3072, 3074, 3076, 3078, 3092, 3094, 3096, 3105, 3110, 3112, 3114, 3126, 3166, 3170, 3176, 3184, 3188, 3194, 3196, 3198, 3230, 3232, 3234 - 24 Perfs. (.50 Dia.)										33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										3056-3234		3000 Gal. 15% MCA			
										3056-3234		52000 Gals.Frac Fluid and			
												108,000 Lbs. Sand			
34. PRODUCTION										35. TEST WITNESSED BY					
DATE FIRST PRODUCTION 9-30-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut In							
DATE OF TEST 10-1-81		HOURS TESTED 24		CHOKE SIZE 48/64		PROD'N. FOR TEST PERIOD →		OIL—BBL. -0-		GAS—MCF. 260		WATER—BBL. -0-		GAS-OIL RATIO N/A	
FLOW. TUBING PRESS. 16		CASING PRESSURE 90		CALCULATED 24-HOUR RATE →		OIL—BBL. -0-		GAS—MCF. 260		WATER—BBL. -0-		OIL GRAVITY-API (CORR.) N/A			
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY R. Lansford					
37. LIST OF ATTACHMENTS Deviation Survey										ACCEPTED FOR RECORD ROGER A. CHAPMAN					
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED Tommy Phillips		TITLE Executive Vice President						DATE 10-1-81							
* (See Instructions and Spaces for Additional Data on Reverse Side)															
U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO															

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, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Redbeds	-0-	940	Sand and Redbed	Anhydrite	940	
Anhydrite	940	2198	Salt and Anhydrite	Tansil	2198	
Tansil	2198	2400	Anhydrite and Salt	Yates	2400	
Yates	2400	2772	Anhydrite, Salt and Dolomite	Seven Rivers	2772	
Seven Rivers	2772	3050	Anhydrite and Dolomite	Queen	3050	
Queen	3050	3334	Sand and Dolomite	Grayburg	3334	
Grayburg	3334	3400	Dolomite and Sand			