

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

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 Alpine Petroleum							
3. ADDRESS OF OPERATOR Box 10507 Midland, TX 79702							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980 FNL 660 FEL At top prod. interval reported below At total depth						5. LEASE DESIGNATION AND SERIAL NO. NM-12676 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Froehlich Federal 9. WELL NO. 1 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24 T-18-S, R-21-E 12. COUNTY OR PARISH Eddy 13. STATE New Mexico	
14. PERMIT NO.		DATE ISSUED ARTESIA, OFFICE					
15. DATE SPUDDED 11/28/80	16. DATE T.D. REACHED 4/22/81	17. DATE COMPL. (Ready to prod.) 7/4/81	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4073 GL		19. ELEV. CASINGHEAD 4073		
20. TOTAL DEPTH, MD & TVD 4500'	21. PLUG, BACK T.D., MD & TVD 4221'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS 1600 - 4500	CABLE TOOLS 0 - 1600			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4396 - 4266 Abo Top @ 3515'					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN Comp Neut log					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		
13 3/8	48#	200	17 1/2	Circ to surface	none		
8 5/8	24#	1595	12 1/4	Circ to surface	none		
4 1/2	10.5#	4500	7 7/8	1000 sx 50/50 POZ "C"	none		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4202	none
31. PERFORATION RECORD (Interval, size and number) 4396 - 4266 19 3/8" holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
4396 - 4266				2000 gal MOD 101 acid + ball sealers, 15000 gal KCl water + 15000 gal CO ₂ + 20000# 20/40 & 10000# 10/20 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 6/3/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 7/3/81	HOURS TESTED 1	CHOKE SIZE 3/16	PROD'N. FOR TEST PERIOD →	OIL—BBL. -0-	GAS—MCF. 24	WATER—BBL. -0-	GAS-OIL RATIO -0-
FLOW. TUBING PRESS. 755	CASING PRESSURE 765	CALCULATED 24-HOUR RATE →	OIL—BBL. -0-	GAS—MCF. 857.9	WATER—BBL. -0-	OIL GRAVITY-API (CORR.) n/a	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented						TEST WITNESSED BY Don Bennett	
35. LIST OF ATTACHMENTS						ACCEPTED FOR RECORD ROGER A. CHAPMAN	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						SEP 4 1981	
SIGNED [Signature]		TITLE Agent		DATE 7/17/81		U.S. GEOLOGICAL SURVEY ROSEMONT, NEW MEXICO	

* (See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is to be used for the purpose of obtaining special instructions concerning the use of this form and the number of copies to be 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. (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	TRUE VERT. DEPTH
San Andres	600	1400	Lime - water	San Andres	Surface	Surface
Abo	4266	4396	Dolomite and Lime - gas	Glorietta	1590	1590
				Clearfork	2300	2300
				Tubb	2910	2910
				Abo	3415	3415
				Wolfcamp	4410	4410

RECEIVED
JUL 30 1981
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO