

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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

Pennzoil United, Inc.

3. ADDRESS OF OPERATOR

P. O. Drawer 1828 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980 FSL & 1980 FEL of Section 21, T-24-S, R-36-E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 0441951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allied "21" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
W. H. K. S. C. N. R. O. G. S.
Wildcat R-3812 9-1-1

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21, T-24-S, R-36-E

12. COUNTY OR PARISH
Eddy13. STATE
N. M.

15. DATE SPUDDED

11-11-68

16. DATE T.D. REACHED

2-4-69

17. DATE COMPL. (Ready to prod.)

2-22-69

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3360 RKB

19. ELEV. CASINGHEAD

3339

20. TOTAL DEPTH, MD & TVD

11,528'

21. PLUG, BACK T.D., MD & TVD

11,479'

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY
ROTARY TOOLS

RECEIVED - T.O.

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

11,085 - 11,447'

Morrow

MAR 19 1969

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dresser-Atlas BHC Acoustilog, Induction Electrolog, N. M. D. C.

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#	375	17 1/2"	350 200 sx	None
9 5/8"	40#	5,240	12 1/4"	660 sx	None
4 1/2"	11.6 + 13.5"	11,528		650 "	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
		NONE		

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"EUE	11,040	11,040

31. PERFORATION RECORD (Interval, size and number)

11,085' to 11,447' .42" (32 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,441 - 447'	1,000 gals acid
11,395 - 408'	3,000 gals acid-13,300 gelled wtr
11,175 - 179'	3,000 gals acid
11,085 - 179'	10,000 gals acid

33.*

PRODUCTION

33.*

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-13-69		See 4-point back pressure test attached					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3-4-69			→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→		2700				

RECEIVED

MAR 17 1969

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

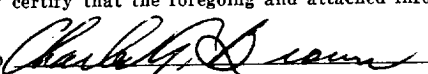
Now negotiating for sale

35. LIST OF ATTACHMENTS

DST Data - Deviation Data

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

SIGNED



TITLE

Manager of Production

DATE

3-13-69

*(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 38, 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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
			See attached sheet for DST Data	B/Salt T/Delaware Ls T/Delaware Sd T/Bone Spring T/Wolfcamp T/Strawn T/Morrow	1,348 1,664 1,776 5,147 8,310 10,080 10,650