

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R555.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 18307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Antebellum Unit

Antebellum Unit

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 29-T235-R37E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

Ratliff Drilling Co.

3. ADDRESS OF OPERATOR

Box 5596, Midland, Texas, 79701

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

At surface 660' FNL + 1480' FEL of Sec 29-T235-R37E.

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

5-12-75

16. DATE T.D. REACHED

9-4-75

17. DATE COMPL. (Ready to prod.)

9-8-76

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

GL 3514'

KB 3533'

19. ELEV. CASINGHEAD

3514'

20. TOTAL DEPTH, MD & TVD

14,318' (Schlumberger)

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

11,292'

22. IF MULTIPLE COMPL., HOW MANY*

C. 9632-06, 9585-24'

23. INTERVALS DRILLED BY

0-TD

ROTARY TOOLS

CABLE TOOLS

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

A- 10,860' - 10,789'

B- 10,744' - 10,602'

C. 9632-06, 9585-24'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

McCulloch Gamma Ray-Neutron. (see original completion for other logs available)

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
20"	H 94 1/4	625'	26"	1000 S2x Circ.	None
13 3/8"	N 72 1/4	5260'		4700 S2x	None
9 5/8"	B 53.5 1/4	12200		2200 S2x	5100'
7"	P 35 1/4	11949-14318'		765 S2x	LINEAR

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	11949'	14,318'	765	-	2 7/8"	30'	10,445' *

31. PERFORATION RECORD (Interval, size and number)

13699'-13709' - 0.36" - 11 →
13599'-13609' - 0.36" - 11 → } SQ
11,654'-11,644' - -10 → }
11,636'-11,646' - -10 → }
10,860'-10,789' - -23
10,744'-10,602' - -16
9,632'-9,524' - -15
9,342'-9,074' - -22 - SQ

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,860'-10,789'	A/5000 gal.
10,744'-10,602'	A/600 gal, F/30,000 gal.
9,632'-9,524'	A/500 gal, F/20,000 gal.

33. PRODUCTION

DATE FIRST PRODUCTION 9-9-1976		PRODUCTION METHOD (Flowing, gas li't, pumping—size and type of pump) Flowing.				WELL STATUS (Producing or shut-in) Flowing (Testing)	
DATE OF TEST Feb 1, 1978	HOURS TESTED 5	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 50	GAS—MCF. Est 50	WATER—BBL. 2	GAS-OIL RATIO 1000:1 Est.
FLOW. TUBING PRESS. 100psi	CASING PRESSURE 100psi.	CALCULATED 24-HOUR RATE →	OIL—BBL. NA	GAS—MCF. NA	WATER—BBL. NA	OIL GRAVITY-API (CORR.) 44.6°	

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

Vented

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

DATE

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

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	TRUE VERT. DEPTH