

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-28277

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

ARBOLES 20-AY

10. FIELD AND POOL, OR WILDCAT

WILDCAT

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

SEC20 T32N R4W

12. COUNTY OR PARISH

13. STATE

Rio Arriba N.M.

1a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒DRY ☐

Other TEST

b. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

JUN 12 1986

2. NAME OF OPERATOR

FRONTIER ENERGY CORPORATION

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

1360 Post Oak Blvd., #790, Houston, Tx. 77056

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

At surface SW $\frac{1}{4}$ SEC 20 T32N R4W 750'FWL 1525' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8.28.84

16. DATE T.D. REACHED

9.5.84

17. DATE COMPL. (Ready to prod.)

12/2/84

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

7402' GR

19. ELEV. CASINGHEAD

7404'

20. TOTAL DEPTH, MD & TVD

4217'

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

4217'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Open Hole 4078' - 4217', FRUITLAND

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

MUD, DI, CD, CNL, GR, CAL

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
9.5/8"	32.3#	202'	13.3/4"	200cu.ft. - Surface	
7"	23#, J-55	4078'	8.3/4"	Circ. - Surface-797 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.7/8"	4050'	

30. PERFORATION RECORD (Interval, size and number)

OPEN HOLE 4078' - 4217'

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

4078 - 4217' 27,000# 20/48 SD

150 Bbls/water

273,900 Cu.Ft. Nit.

32. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

12/6/84

Flowing

WELL STATUS Producing or shut-in
SI - waiting pipeline

DATE OF TEST

HOURS IN TEST

CHOKE SIZE

PROP. N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

12/21/84

24

10/64

0

50

0

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

150

50

0

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

Edward R. Talone

TITLE Consulting Engineer

OIL CON. DIV.
DIST. 3

DATE 5/27/86

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

Sm

NM000

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 named(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: "Seals 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, TESTER, CASING, CTD, PERM TEST DATA, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
FRUITLAND	3860'	KIRTLAND	3520'
PICTURED CLIFFS	4100'	FRUITLAND PICTURED CLIFFS	3860'
			4100'