

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other In-
structions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
SF-078213

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Tiger #10

API WELL NO.

30-045-29975

10. FIELD AND POOL, OR WILDCAT

Fulcher Kutz PC

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

Sec. 27, T30N R13W

14. PERMIT NO.

DATE

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

10/20/99

16. DATE T.D. REACHED

10/25/99

17. DATE COMPL. (Ready to prod.)

12/10/1999

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

5776 RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1960 Ft

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

1908 Ft

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX

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

1722 - 1735 Pictured Cliffs

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction - GR - Density

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE / GRADE	WEIGHT, LB. / FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7"	23 #/Ft	423 Ft	8 3/4"	180 sx (212 ft3) Class B W/4% CaCl, Cement Circulated	
4 1/2"	10.5 #/Ft	1957 Ft	6 1/4"	125 sx (257 ft3) Class B W/2% Econolite, tailed with 70 sx (83 ft3) Class B, Lost Circ. TOC @ 1471 ft (logged)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	1737 Ft	None

31. PERFORATION RECORD (Interval, size and number)

1722 - 1735 with 52 - .34" diameter holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1722 - 1735	500 gal 7 1/2% HCl acid
	26,500 gal 70 quality foam, 80,000 Lbs 20/40 sand

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
12/10/99		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
12/10/99	3 Hrs.	3/4"			No flow		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
0 psi	190 psi			No flow		ACCEPTED FOR RECORD	

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

Shut-in waiting on gas connection

ACCEPTED FOR RECORD
David Ball

35. LIST OF ATTACHMENTS

FEB 11 2000

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

SIGNED

TITLE

Petroleum Engineer

FARMINGTON FIELD OFFICE
BY

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones or 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
Kirtland	surface	1410	Sandstone, siltstone, shale	Kirtland	surface	surface
Fruitland	1410	1722	Sandstone, siltstone, shale Coal, natural gas & water	Fruitland	1410	1410
Pictured Cliffs	1722	TD	Sandstone, natural gas & water	Pictured Cliffs	1722	1722

ROBERT L. BAYLESS
TIGER #10
1250 FSL & 790 FEL (SESE)
SECTION 27, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

- 11-4-99 Rigged up Blue Jet Wireline services. Ran GR-CLL-CBL from 1908 ft RKB (corrected PBTD) to 1200 ft under 1000 psi pressure. Found top of cement at 1471 ft, with good cement across perforation interval. Rigged up American Energy Services pump truck. Pressure tested casing to 3000 psi, held OK. Perforated the Pictured Cliffs interval with 3 1/8" casing gun at 4 JSPF as follows:

1722 - 1735 ft 13 ft 52 holes .34" diameter

Shut down. Wait on frac crew.

11-4-99 to 12-7-99

Shut-in, wait on El Paso Field Services well tie in before frac.

- 12-8-99 Rigged up Dowell. Broke down perforations at 1500 psi. Established an injection rate of 3.0 BPM @ 750 psi, ISIP = 450 psi (FG = 0.69). Pumped 500 gallons of 7.5% HCL acid ahead of frac. Fracture stimulated the Pictured Cliffs formation with 26,500 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 80,000 lbs of 20-40 mesh Arizona sand as follows:

4,000 gals of 70 qual foam pad	15 BPM @ 1100 psi
5,000 gals of 70 qual foam with 0-4 ppg 20-40 sand	15 BPM @ 1050 psi
17,500 gals of 70 qual foam with 4 ppg 20-40 sand	15 BPM @ 1150 psi
1,100 gals of 70 qual foam flush	15 BPM @ 1200 psi

ISIP = 1100 psi decreasing to 1030 psi after 15 minutes. All water contained 2% KCL, 1/2 gal/1000 clay stabilization agent, and bactericide. Sand contained multiple radioactive tracer material as follows: 2 mc Sb-124 in first half of 0-4 ppg sand stage, 3 mc Ir-192 in second half of 0-4 ppg sand stage, and 23 mc Sc-46 in 4 ppg sand stage. Average rate 15 BPM, average pressure 1100 psi, maximum pressure 1200 psi, minimum pressure 1000 psi, average nitrogen rate 4,050 scfm, total nitrogen pumped 187,500 scf. Total fluid to recover 223 bbls. Shut well in for 3 hours. Blow well back to a flowback tank through a 1/4" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

- 12-9-99 Well flowed foamy water with sand and was shut in after 15 hours of flow after frac. Recovered approximately 140 barrels of water in flowback tank. Wait on completion rig.
- 12-10-99 Move in and rig up JC Well Service completion rig. Nipple up wellhead and BOP. Pick up 2 3/8" tubing in hole. Tag sand fill at 1630 ft RKB (92 ft above perforations). Circulated 102 ft of fill to 1732 ft (in perforations) and lost circulation. Tripped tubing out of hole. Tripped in hole with sand pump on tubing. Cleaned out 94 ft of sand to 1826 ft (91 ft of

rathole below perforations). Trip tubing and sand pump out of hole. Tripped tubing in hole and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
55 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	1699.82	3-1703
1 seating nipple	1.10	1703-1704
1 jt of 2 3/8" tubing	<u>33.10</u>	1704-1737
	1737.02	

Nipple down BOP and nipple up wellhead. Shut in well. Released rig, job complete. End of report.