orm 3160-4
October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other Instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 #15
9. API WELL NO.: 30-045-29913
10. FIELD AND POOL, OR WILDCAT: Fulcher Kutz PC
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 26, T30N R13W

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Robert L. Bayless, Producer LLC

3. ADDRESS AND TELEPHONE NO.: P.O. Box 168 Farmington, NM 87499-168 (505) 326-2659

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) *
At surface: 1710 FNL & 1095 FEL
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
		San Juan	New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, FE, ETC.) *	19. ELEV. CASINGHEAD
7/7/1999	7/13/99	8/26/1999	5793 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY *	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
2005 Ft	1952 Ft			XX	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *: 1798 - 1810 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	404 Ft	8 3/4"	170 sx (201 ft3) Class B W/4% CaCl, Cement Circulated	
4 1/2"	10.5 #/Ft	2002 Ft	6 1/4"	135 sx (278 ft3) Class B W/2% Econolite, tailed with 75 sx	
				(88 ft3) Class B, Top of cement @ 400 ft (temp survey)	

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"	1811 Ft	None

31. PERFORATION RECORD (Interval, size and number)
1798 - 1810 with 48 - .34" diameter holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1798 - 1810	500 gal 7 1/2% HCl acid
	26,500 gal 70 quality foam, 80,000 Lbs 20/40 sand

PRODUCTION

33. *
DATE OF FIRST PRODUCTION: 8/25/1999
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump): Flowing
WELL STATUS (Producing or shut-in): Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
8/25/1999	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	180 psi			No flow		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Shut-in waiting on gas connection
TEST WITNESSED BY: David Ball

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 [signature] TITLE Petroleum Engineer DATE 8/27/99

ACCEPTED FOR RECORD
AUG 31 1999
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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	surface	380	Sandstone
Kirtland	380	1428	Sandstone, siltstone, shale
Fruitland	1428	1798	Sandstone, siltstone, shale Coal, natural gas & water
Pictured Cliffs	1798	TD	Sandstone, natural gas & water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	surface	surface
Kirtland	380	380
Fruitland	1428	1428
Pictured Cliffs	1798	1798

ROBERT L. BAYLESS
TIGER #15
1710 FNL & 1095 FEL (SENE)
SECTION 26, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

8-24-99 Rigged up Dowell. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline services. Ran GR-CLL from 1952 ft RKB (corrected PBTD) to 1400 ft. Perforated the Pictured Cliffs interval with 3 1/8" casing gun at 4 JSPF as follows:

1798 - 1810 ft	12 ft	48 holes	.34" diameter

Broke down perforations at 2800 psi. Established an injection rate of 3.0 BPM @ 630 psi, ISIP = 250 psi (FG = 0.57). Acidized the Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 72 1.1 sg RCN ball sealers at 3.8 BPM @ 400 psi. Saw some ball action, obtained balloff to 3000 psi. Let pressure bleed off into formation. Pressure bled to 0 psi after 5 minutes. Established injection rate again of 3.2 BPM @ 650 psi, 200 psi ISIP (FG = 0.54). Ran junk basket in hole on wireline and recovered 71 ball sealers. Wait on remainder of frac crew and equipment. 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 @ 1000 psi
5,000 gals of 70 qual foam with 0-2 ppg 20-40 sand	15 BPM @ 950 psi
17,500 gals of 70 qual foam with 4 ppg 20-40 sand	15 BPM @ 1050 psi
1,100 gals of 70 qual foam flush	15 BPM @ 1150 psi

ISIP = 990 psi decreasing to 775 psi after 15 minutes. All water contained 2% KCL, ½ gal/1000 clay stabilization agent, and bacteriacide. Sand contained multiple radioactive tracer material as follows: 3 mc Sb-124 in 0-2 ppg sand stage, 15 mc Ir-192 in first half of 4 ppg sand stage, and 11 mc Sc-46 in second half of 4 ppg sand stage. Average rate 15 BPM, average pressure 1050 psi, maximum pressure 1150 psi, minimum pressure 900 psi, average nitrogen rate 3,900 scfm, total nitrogen pumped 196,100 scf. Total fluid to recover 244 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.

8-25-99 Well flowed foamy water with some sand and died after 4 hours of flow after frac. Recovered approximately 10 barrels of water in flowback tank. 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 1880 ft RKB (70 ft below bottom perforation). Moved tubing up hole and landed as follows:

Description	Length	Depth
KB to landing point	3.00	0-3
2 2 3/8" subs	6.00	3-9
56 jts of 2 3/8" 4.7#/ft J55 EUE yellow band tubing	1767.86	9-1777
1 seating nipple	1.10	1777-1778
1 jt of 2 3/8" tubing	32.67	1778-1811
	1810.63	

Nipple down BOP and nipple up wellhead. Rigged to swab. Made 10 swab runs and swab got stuck due to sand in tubing. Nipple down wellhead and nipple up BOP. Pulled tubing from hole and recovered swab. Tripped tubing back in hole. Tagged sand fill at 1800 ft. Circulated 70 ft of sand from hole. Shut down for the night.

8-26-99 Circulated remaining 82 ft of sand to PBTD of 1952. Moved tubing up hole and landed as before. Nipple down BOP and nipple up wellhead. Rigged to swab. Made 3 swab runs, recovering gas, water, and lots of sand. Shut well in. Will use compressor to try to blow well around. Rigged down and released rig. End of report.