Form 3160-5
(June 1990)

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070 FARMINGTON, NM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir, Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: SF 078214
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA. Agreement Designation:

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
8. Well Name and No.: TIGER #8
2. Name of Operator: ROBERT L. BAYLESS, PRODUCER LLC
9. API Well No.: 30-045-29544
3. Address and Telephone No.: P.O. BOX 168, FARMINGTON, NM 87499 (505) 326-2659
10. Field and Pool, or Exploratory Area: BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 710' FNL & 1415' FWL, SEC. 34, T30N, R13W
11. County or Parish, State: SAN JUAN, NEW MEXICO

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other WELL WORKOVER	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED REPORT

RECEIVED
APR 30 1999
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed Kevin McCord Title Engineer Date April 21, 1999 ACCEPTED FOR RECORD

(This space for Federal or State office use)
Approved by _____ Title _____ Date APR 28 1999
Conditions of approval, if any:

FARMINGTON FIELD OFFICE

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 United States any false, fictitious or fraudulent statements or representations as to any manner within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

ROBERT L. BAYLESS
TIGER #8
710 FNL & 1415 FWL (NENW)
SECTION 34, T30N, R13W

WELL WORKOVER REPORT

4-12-99 Move in and rig up JC Well Service completion rig. Blow down well. Nipple down wellhead and nipple up BOP. Trip tubing out of hole. Trip in hole with bridgeplug and packer combination on tubing. Set bridgeplug at 1550 ft RKB. Set packer at 1530 ft RKB. Rigged up Cementers, Inc. pump truck. Pressure tested bridgeplug to 2500 psi, held OK. Dropped 5 gallons of sand on top of bridgeplug down tubing. Moved packer and set at 875 ft RKB. Pumped into upper Fruitland Coal perforations at 1512 - 1521 ft at 3.0 BPM at 800 psi. Squeeze cemented upper Fruitland Coal interval with 70 sx of Class B cement with 2% calcium chloride. Squeezed off perforations to 2000 psi. Left pressure on tubing. Shut down for the night to allow cement to cure.

4-13-99 Trip tubing and packer out of hole. Pick up bit, 4 drill collars, and tubing. Tag top of cement at 1280 ft. Drill 241 ft of cement through the squeezed perforation interval and broke free. Pressure tested casing to 1000 psi, held OK. Shut down for the night.

4-14-99 Trip tubing, collars, and bit out of hole. Trip in hole with retrieving head on tubing. Circulated sand from top of bridgeplug, and recovered bridgeplug. Trip tubing, retrieving head, and bridgeplug out of hole. Shut down for the night.

4-15-99 Rigged up Blue Jet Wireline Services. Re-perforated a portion of the lower Fruitland Coal interval as follows:

1584 - 1588 ft	4 ft	25 holes *

* - perforations were 4 JSPF with 90 degree phasing, then re-perforated at 2 JSPF with 120 degree phasing. Perforation EHD was 0.40".

Rigged up Dowell. Re-fracture stimulated the lower Fruitland Coal interval down the casing with 1,300 gallons of 30# linear borate gelled fluid and 37,000 gallons of 70 quality foam using 30# linear and X-linked borate gelled fluid containing 90,250 lbs of 20-40 mesh Arizona sand as follows:

1,300 gals of 30# linear gel for step rate/shut in test

2,000 gals of 70 qual foam pad with linear gel	18 BPM @ 1800 psi
2,000 gals of 70 qual foam pad with X-linked gel	18 BPM @ 1900 psi

1,000 gals of 70 qual foam with ¼ ppg 20-40 sand	18 BPM @ 1950 psi
1,500 gals of 70 qual foam spacer with X-linked gel	18 BPM @ 2000 psi
1,000 gals of 70 qual foam with ½ ppg 20-40 sand	18 BPM @ 2050 psi
4,000 gals of 70 qual foam spacer with X-linked gel	18 BPM @ 2100 psi
1,000 gals of 70 qual foam with 1 ppg 20-40 sand	18 BPM @ 2050 psi
7,000 gals of 70 qual foam with 2 ppg 20-40 sand	18 BPM @ 2000 psi
13,000 gals of 70 qual foam with 4 ppg 20-40 sand	18 BPM @ 1850 psi
4,500 gals of 70 qual foam with 5 ppg 20-40 sand	18 BPM @ 1800 psi
925 gals of 70 qual foam flush with linear gel	18 BPM @ 1800 psi

ISIP = 1560 psi decreasing to 1530 psi after 5 minutes. All water contained 2% KCL, ½ gal/1000 clay stabilization agent, and bacteriacide. Sand contained multiple radioactive tracer material as follows: 5 mc Sc-46 in 1 and 2 ppg sand stages, 27 mc Ir-192 in 4 ppg sand stage, 4 mc Sb-124 in 5 ppg sand stage. Average rate 18 BPM, average pressure 1900 psi, maximum pressure 2150 psi, minimum pressure 1800 psi, average nitrogen rate 6200 scfm, total nitrogen pumped 348,300 scf, total fluid to recover 340 bbls. Blow well back to a flowback tank immediately after frac through a 1/4" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

4-16-99 Well flowed foamy water with some sand for 8 hours, then died. Recovered approximately 210 barrels of water in flowback tank. Trip in the hole with tubing and tag sand fill at 1718 ft RKB (130 ft below perforations and 12 ft above PBTD of 1730). Move tubing up hole and landed as follows:

Description	Length	Depth
KB to landing point	3.00	0-3
1 2 3/8" tubing sub	10.00	3-13
48 jts of 2 3/8" 4.7#/ft J55 EUE yellow band used tubing	1543.75	13-1557
1 seating nipple	1.10	1557-1558
1 jt of used tubing	32.35	1558-1590
	1590.20	

Nipple down BOP and nipple up wellhead. Rigged to swab. Made 4 swab runs and well kicked off flowing. Rigged down and released rig. Left well flowing to production tank. End of report.