

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. ARNIE #2
2. Name of Operator Robert L. Bayless, Producer LLC	9. API Well No. 30-045-29669
3. Address and Telephone No. PO Box 168 Farmington, NM 87499 (505)326-2659	10. Field and Pool, or Exploratory Area FULCHER KUTZ PC EXT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 25, T30N, R13W 1460 FNL & 885 FWL	11. County or Parish, State San Juan, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Completion
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

Please see attached completion report.

RECEIVED
NOV 23 1998
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed Kevin H. McCord Title Petroleum Engineer Date November 4, 1998

Kevin H. McCord

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

ACCEPTED FOR RECORD

NOV 19 1998

FARMINGTON DISTRICT OFFICE

BY

NMCCD

ROBERT L. BAYLESS
ARNIE #2
1460 FNL & 885 FWL (SWNW)
SECTION 25, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

10-27-98 Rigged up Dowell. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline services. Ran GR-CLL from 1955 ft RKB (corrected PBD) to 1300 ft. Perforated the Pictured Cliffs interval with 3 1/8" casing gun at 2 JSPF as follows:

1783 - 1799 ft 16 ft 33 holes .34" diameter

Broke down perforations at 2450 psi. Established an injection rate of 6.6 BPM @ 1300 psi, ISIP = 450 psi (FG = 0.68). Acidized the Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 50 1.1 sg RCN ball sealers at 6.0 BPM @ 1300 psi. Saw good ball action, obtained balloff to 3000 psi. Surged balls off perforations. Final injection rate was 6.0 BPM @ 1350 psi, 350 psi ISIP. Ran junk basket in hole on wireline and recovered 50 ball sealers. Shut down for the night.

10-28-98 Fracture stimulated the Pictured Cliffs formation with 19,000 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 52,000 lbs of 16-30 mesh Arizona sand as follows:

4,000 gals of 70 qual foam pad	15 BPM @ 1050 psi
5,000 gals of 70 qual foam with 2 ppg 16-30 sand	15 BPM @ 1000 psi
8,000 gals of 70 qual foam with 4 ppg 16-30 sand	15 BPM @ 1000 psi
2,000 gals of 70 qual foam with 5 ppg 16-30 sand	15 BPM @ 1000 psi
1,190 gals of 70 qual foam flush	15 BPM @ 1100 psi

ISIP = 1100 psi decreasing to 1000 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: 4 mc Sb-124 in 2 ppg sand stage, 13 mc Ir-192 in 4 ppg sand stage, 4 mc Sc-46 in 5 ppg sand stage. Average rate 15 BPM, average pressure 1000 psi, maximum pressure 1150 psi, minimum pressure 950 psi, average nitrogen rate 4,400 scfm, total nitrogen pumped 169,200 scf. Total fluid to recover 210 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.

10-29-98 Well flowed foamy water with some sand and died after 2 1/2 hours of flow after frac. Recovered approximately 4 barrels of water in flowback tank. Shut in well and wait on completion rig.

10-30-98 to 11-2-98 Wait on completion rig.

- 11-3-98 Move in and rig up JC Well Service completion rig. Nipple up wellhead and BOP. Pick up 2 3/8" tubing and trip 40 joints in hole. Shut down for the night.
- 11-4-99 Trip more tubing in hole. Tag sand fill at 1945 ft RKB (146 ft below bottom perforation). Moved tubing up hole and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
2 2 3/8" subs	19.34	3-22
55 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	1742.36	22-1765
1 seating nipple	1.10	1765-1766
1 jt of 2 3/8" tubing	31.68	1766-1797
	<u>1797.48</u>	

Nipple down BOP and nipple up wellhead. Rigged to swab. Made 10 swab runs and kicked well off flowing to the tank. Rigged down and released rig.