Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

## 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-080844**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
**TL RHODES B #1E**

2. Name of Operator
**ROBERT L BAYLESS**

9. API Well No.
**30-045-26130**

3. Address and Telephone No.
**PO BOX 168, FARMINGTON, NM 87499 (505) 326-2659**

10. Field and Pool, or Exploratory Area
**Basin Dakota/Pinon Gallup**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**790' FSL and 1160' FWL, Sec. 20, T28N, R11W**
M

11. County or Parish, State
**San Juan, NM**

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 |
| ☐ Subsequent Report | ☐ Recompletion | ☐ New Construction |
| ☐ Final Abandonment Notice | ☐ Plugging Back | ☐ Non-Routine Fracturing |
| | ☐ Casing Repair | ☐ Water Shut-Off |
| | ☐ Altering Casing | ☐ Conversion to Injection |
| | ☒ Other **Pinon Gallup Compl.** | ☐ 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 details, and give 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 report.**

97 MAY -2 PM 1:27
070 FARMINGTON, NM

RECEIVED
MAY 12 1997
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Price M. Bayless Title Engineer

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____ Title _____ MAY 07 1997

Conditions of approval, if any:

FARMINGTON DISTRICT 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 matter within its jurisdiction.

*See Instruction on Reverse Side

Hold C-104 for NSL

NMOCD

**Robert L. Bayless**
**T.L. Rhodes B #1E**
**790' FSL & 1160' FWL**
**Sec. 20, T28N, R11W**
**San Juan County, NM**

## RE-COMPLETION REPORT

3/13/97
Move in Aztec #442 and rig up unit. Tubing pressure at 15 psi, casing pressure at 150 psi. Blow tubing down and nipple up to pull rods. Work pump free and trip out with rods. Blow down casing. Take off wellhead and nipple up BOP. Work tubing hanger free and start out of hole with tubing. Secure well.

3/14/97
Tubing pressure at 90 psi, casing at 120 psi. Blow down well. Complete trip out of hole with tubing. Repair power tongs. Trip in hole with tubing and Arrow Completion Model TS retrievable bridge plug. Set plug at 5975 feet. Roll hole with 2% KCL water and pressure test casing to 3500 psi. Move tubing to 5662 feet and spot 250 gallons of 7.5% HCL acid. Trip out of hole. Rig up Blue Jet and run GR/CLL log from 5800 feet to 5500 feet. Pick up 3-1/8" casing gun and perforate Pinion Gallup with .34" perforations as follows:

| | | |
|---|---|---|
| 5642'-5662' | 20 ft | 41 holes |

Rig down Blue Jet and rig up BJ Services to break down perfs. Perfs break at 2800 psi, back to 900 psi at 9 bpm injection rate. Pump away 30 bbls 2% KCL water. ISDP at 400 psi. Pressure at 200 psi in 2 min, 100 psi in 5 min, and 0 psi in 10 min. Secure well and shut down overnight.

3/15/97
Rig up BJ Services and frac Pinion Gallup with 55000 gallons of 70 quality foam and 88000 lbs of sand as follows:

| | | | |
|---|---|---|---|
| Pad | 20000 gallons | | |
| 1st | 8000 gallons | 1 #/gal | 8000 lbs |
| 2nd | 9000 gallons | 2 #/gal | 18000 lbs |
| 3rd | 10000 gallons | 3 #/gal | 30000 lbs |
| 4th | 8000 gallons | 4 #/gal | 32000 lbs |
| Flush | 8900 gallons | | |
| | 63900 gallons | | 88000 lbs |

Pump rate at 30 bpm throughout job with pressure at 2300 psi initially, climbing steadily during frac to final pump pressure of 2800 psi. ISIP at 2600 psi. Pressure at 2350 psi in 5 min, 2300 psi in 10 min, 2290 psi in 15 min, 2190 psi in 30 min. Leave well shut in for five hours, casing pressure at 2280 psi. Open well slowly through 1/4" choke, flowing nitrogen and water at 1830 psi at 13:30, 1670 psi at 14:00, 1300 psi at 14:30, 1200 psi at 15:00, 1190 psi at 15:30, 1180 psi at 16:00, 1110 psi at 16:30, 1100 psi at 17:00, 1000 psi at 17:30. Well started making sand and water with the pressure constantly declining to 250 psi at 08:00 3/15/97. Well making water and oil. Leave well flowing to frac tank.

3/16/97
Well flowing to tank at 205 psi through 1/4" choke. Well making foam and water with some oil. Leave well flowing to tank.

3/17/97
Well flowing to tank with 200 psi through 1/4" choke. Prepare to blow down well and trip in to clean out sand.

3/18/97
Well flowing at 200 psi through 1/4" choke. Open well to tank and blow down casing in 10 minutes. Trip in hole with tubing and sawtooth collar. Tag sand at 5440 feet. Circulate foam and oil out of casing with 2% KCL water. Rig up to clean out sand. Clean out sand to 5762 ft. Circulate hole clean. Pull tubing to 5440, shut rams. Leave tubing open to tank through 1/4" choke. No tubing or casing pressure this morning. Rig up to swab well.

3/19/97
Make 29 swab runs, recover 190 bbls KCL water. Final fluid level at 4500 ft. Tubing at 0 psi, casing at 145 psi. Shut well in. Morning readings: fluid level at 3600 ft, tubing at 5 psi, casing at 180 psi. Rig up to swab well.

3/20/97
Make 17 swab runs, recover 62 bbls water with trace of oil. Kick well off with 165 psi on casing and 3 psi on tubing open ended. Well flowing for twenty minutes then dead. Make three more swab runs and get well to flow after each one. Shut well in overnight. Morning readings: tubing at 70 psi, casing at 220 psi, fluid level at 4800 feet. Prepare to run production tubing and rods.

3/21/97
Trip in hole, tag sand at 5760 feet. Trip out of hole with tubing. Run production tubing as follows:

| | | |
|---|---|---|
| KB to landing point | 10.00 feet | 0-10 feet |
| 170 jts 2 3/8" EUE tubing | 5446.77 feet | 10-5457 feet |
| Tubing anchor | 3.00 feet | 5457-5460 feet |
| 6 jts 2 3/8" EUE tubing | 187.24 feet | 5460-5647 feet |
| Seating Nipple | 1.10 feet | 5647-5648 feet |
| Perforated Sub | 8.00 feet | 5648-5656 feet |
| 1 jt 2 3/8" EUE tubing | 32.68 feet | 5656-5688 feet |
| Purge valve | 0.50 feet | 5688-5689 feet |
| | 5689.29 feet | |

Nipple down wellhead and make up wellhead. Rig up to run rods as follows:

| | | |
|---|---|---|
| KB to landing point | 8.00 feet | 0-8 feet |
| 20 ft polish rod | 18.00 feet | 8-26 feet |
| 2', 6', 8' pony rods | 16.00 feet | 26-42 feet |
| 224 3/4" sucker rods | 5600.00 feet | 42-5642 feet |
| 2' pony rod | 2.00 feet | 5642-5644 feet |
| 2"X1.25"X7'X8'X12' RHAC pump | 0.00 feet | 5644-5644 feet |
| 8' gas anchor | 8.00 feet | 5644-5652 feet |
| | 5652.00 feet | |

Load tubing and start pumping unit. Leave well pumping overnight. Good pump action. Rig down service rig and move off location