

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAY 20 1998

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

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

2. Name of Operator
ROBERT L. BAYLESS, PRODUCER LLC

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

940' FSL & 1115' FEL
SEC 7, T30N, R12W

5. Lease Designation and Serial No.

NM047

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SWD #3

9. API Well No.

30-045-24242

10. Field and Pool, or Exploratory Area

SWD, MESA VERDE

11. County or Parish, State

SAN JUAN COUNTY, NEW MEXICO

12. CHECK APPROPRIATE BOX(S) 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 type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other COMPLETION	<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 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.

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

Signed

Title PETROLEUM ENGINEER

Date 4/27/98

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

APR 29 1998

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.

NMOC

FARMINGTON DISTRICT OFFICE

*See Instruction on Reverse Side

RY

ROBERT L. BAYLESS
SWD #3 INJECTION WELL
940 FSL & 1115 FEL
SESE, SECTION 7, T30N R12W
SAN JUAN COUNTY, NEW MEXICO

RE-ENTRY AND COMPLETION REPORT

- 4-16-98 Dig up dry hole marker with backhoe. Welded plate on surface casing and bell nipple on 4 1/2" production casing. Made sub for casing to reach surface. Wait on completion rig.
- 4-20-98 Move in and rig up Aztec Well Service Rig #469. Nipple up wellhead. Nipple up BOP. Pick up 3 7/8" bit collars, and 2 3/8" tubing work string. Drill 110 ft of surface cement plug. Pressure test casing to 2000 psi, held OK. Trip tubing in hole and tag cement plug at 4033 ft. Circulate hole clean with fresh water. SDFN.
- 4-21-98 Start drilling cement plug. First 4 joints circulated down easily. Tagged solid cement at 4146 ft. Drilled 57 ft of cement to 4203 ft. Bit stopped drilling. Round trip tubing and change to bladed bit. Drilled 65 ft of cement to 4268 ft. SDFN.
- 4-22-98 Continued drilling cement from 4268 ft to 4488 ft. Pressure tested casing to 2000 psi, held OK. Circulated hole with 2% KCL water. Trip tubing, collars, and bit out of hole. SDFN.
- 4-23-98 Rigged up Blue Jet wireline services. Ran GR-CLL from 4489 ft (corrected PBTD) to 3900 ft. Set CIBP at 4489 ft using wireline. Perforated Point Lookout Mesa Verde interval with 3 1/8" casing gun at 4 JSPF as follows:

4444 - 4481 37 ft 148 holes .34" diameter

Rigged up BJ Services pump truck. Broke down perforations immediately. Established an injection rate of 5.0 BPM @ 1050 psi, ISIP = 550 psi (.55 FG). Acidized Point Lookout perforated interval with 1500 gallons of 15% DI HCL weighted acid containing 222 1.1 sg RCN ball sealers. Saw good pressure drop when acid hit formation, but very little ball action. Did not ball off casing. Final injection rate was 5.4 BPM @ 725 psi, ISIP = 550 psi. Ran junk basket to recover ball sealers, recovering 201. Tripped in hole with fullbore tension packer on tubing. Set packer at 4426 ft. Rigged up Tefteller, Inc. slickline and set bottom hole pressure bombs at 4465 ft (mid perms). Ran injection step rate test as follows:

<u>Step</u>	<u>Rate</u>	<u>Surface Pressure</u>	<u>Calculated BHP</u>	<u>Length</u>
1	1.05 BPM	302 psi	2178 psi	15 min
2	1.82 BPM	605 psi	2364 psi	15 min
3	2.47 BPM	868 psi	2487 psi	15 min
4	3.06 BPM	1090 psi	2550 psi	15 min
5	3.83 BPM	1390 psi	2605 psi	15 min
6	4.48 BPM	1657 psi	2633 psi	15 min
7	5.09 BPM	1940 psi	2668 psi	15 min
8	5.84 BPM	2311 psi	2684 psi	15 min

Trip tubing and packer out of hole laying down on float. SDFN

4-24-98 Trip in hole with Arrow injection packer on 2 3/8" plastic coated tubing. Landed packer at 4401 ft RKB. Released tubing from packer and circulated packer fluid in annulus. Stung tubing back into packer and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	10.00	0 - 10
141 jts of 2 3/8" 4.7# J55 EUE plastic coated yellowband tubing	4382.65	10 - 4393
1 On-off tool	1.50	4393 - 4394
1 Arrowset 1-Xproduction packer	6.57	4394 - 4401
	4400.72	

Nipple down BOP. Nipple up wellhead. Pressure tested annulus to 820 psi for 30 minutes, held OK. Recorded pressure test on chart recorder. Released rig. Job complete. Wait on surface equipment installation for injection.