

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

2. Name of Operator

Synergy Operating, LLC

3. Address and Telephone No.

PO Box 5513 (505) 325-5449  
Farmington, NM 87499

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

Unit E, 1500' FNL, 810' FWL, Sec 01, T30N, R10W

5. Lease Designation and Serial No.

SF-078208

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Sunray 'B' # 4

9. API Well No.

30-045-2076500

10. Field and Pool, or Exploratory

Blanco - Pictured Cliffs

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

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☒ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ 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 work.

If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.

Synergy Operating, LLC performed the following work to restore production to this well. The well will be returned to production.

06-13-2002 MIRU Slickline Unit and Pump Truck. RIH w/ 2.347" gauge ring, tag @ 1965'. POOH. RIH w/ 1.901" Gauge Ring, tag @ 2332' RIH w/ 1.50" gauge ring, tag @ 3364', below perforations. RIH w/ temperature & pressure recorder to 3335'. POOH taking pressure and temperature gradient. BH pressure at 3335' GL = 109 psi, Temp 116 deg F. Fluid level found at 2668', although the fluid gradient was 0.138 psi/ft, indicating gas cut liquid. A 2.347" gauge ring with 19' of sinker bar was then used to work an obstruction down past the perforations to 3362' GL. A 2-1/2" templeton plug was set at the following depths: 1058', 701', 320', 158', & 64'. The casing would not pressure test. The casing failure is very shallow. Fresh Water was pumped to load the bradenhead, unsuccessfully. RD MO Slickline and pump truck.

06-25-2002 MIRU Key Rig # 38. ND WH. NU BOPE. RIH w/ RBP on 1-1/4" 2.4# EUE production tubing. Set BP @ 3202'. COOH w/ 1-1/4"

See Additional Report Page

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

Signed:

Thomas E. Mullins

Title: Engineering Manager

Date: 07-05-2002

This space for federal or state office use

Approved by:

Title:

Date:

Conditions of approval if any

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE  
BY

Synergy Operating, LLC  
Sunray B # 4  
07-05-2002

- 06-26-2002 GIH w/ PKR on 1-1/4" tubing. Set PKR @ 835'. Test Casing 500# good. Move PKR uphole. Locate lowermost failure 223' to 255'. Casing tested below 255' to 500#. Attempt to run GR-CBL log, would not go down hole, fluid level is at 250'+/- RD loggers. RU Wireline Specialties. Run Collar Strip, Attempt Backoff of 2-7/8" production casing. Attempt # 1 @ 348', Attempt # 2 @ 316', Run Freepoint tool, Attempt # 3 @ 284' successful. COOH and laydown 9 jts of 2-7/8" casing. Holes were present, and severe corrosion was evident on this pipe. Pulled 287.36' of casing. GIH w/ 9 Jts 2-7/8" Production Casing. Attempt to screw into fish top. Unsuccessful. Need to build guide shoe.
- 06-27-2002 GIH w/ 5-1/2" guide shoe on 2-7/8" casing. Screw into 2-7/8" Casing, replacing the 9 bad jts. (289.47'). Test Casing. Install WH swedge from 8-5/8" to 7", then install new WH. Land 2-7/8" in 10K Tension. PU retrieving head and GIH on 1-1/4" tubing. Engage, equalize, and recover 2-7/8" RBP. COOH.
- 06-28-2002 Install 1-1/4" tubing head, PU Baker Model C-1 Invertible PKR and GIH on 1-1/4" tubing. Set PKR @ 3294' KB in tension ND BOPE, NU WH.
- 06-29-2002 SITP = 125 psi, Flow test well. Ready to return to production. EPFS will install new meter.

TEM 07-05-2002

