

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

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 B, 330' FNL, 2310' FEL, Sec. 8, T19N, R4W

5. Lease Designation and Serial No.

NM-99705

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Eagle Springs "8" Federal # 2M

9. API Well No.

30-043-20950

10. Field and Pool, or Exploratory

Menefee (Oil)  
Wildcat 19N4W8B

11. County or Parish, State

Sandoval  
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.

- 8/6/2003 SM. SICP = 20 psi, BH= 20 psi. COOH w/ 105 Jts 2-7/8" tubing from 3343'. PU 6-1/4" bit & scraper. GIH on 2-7/8" to 3200'. COOH. PU 7" CIBP on 2-7/8" tubing. GIH and set CIBP at 3150'. Load hole from bottom w/ water. Test 7" casing & CIBP (Above Abandoned Mancos) to 3000 psi. Hold pressure 15 mins. COOH w/ 2-7/8" tubing and setting tool.
- 8/7/2003 Dump 2 sxs cement on top of CIBP at 3150'. Abandon Mancos. POOH. RIH w/ squeeze gun. Perf 4 holes at 2308'. BD holes at 900 psi. Establish circulation to surface w/ 20 bbls water. GIH w/ 7" cement retainer. Clear retainer. Set Retainer at 2293'. Test tubing 3500 psi. Pump cement squeeze with 88.5 sxs (33 bbls - 185 ft3) Premium LT HS Cement at 12.5 ppg. Good circulation. Bridged off. Displace cement w/ 13.2 bbls to retainer. Final pressure 1800 psi. Sting out. COOH w/ stinger. ND BOPE. X-O Casing Wing Valves. Install 7-1/16" Frac Valve, & BOPE on top. PT 1000 psi. Okay. PU 6-1/4" bit, BS, sxs (6) 4-3/4" DCs.
- 8/8/2003 GIH w/ 2-7/8" tubing, DCs, & BHA. Tag 20' cement above retainer. GIH w/ new 6-1/4" bit to drill up retainer and 15' cement below.
- 8/9/2003 COOH w/ 1 stand 2-7/8" & DCs. DC slips not working. X-O 6-1/4" bit. GIH w/ 6-1/4" bit, BHA, & 2-7/8". Drill out 25' of cement. COOH w/ 2-7/8" & BHA.
- 8/10/2003 Perforate Menefee Intervals 2250' to 2342' (32 holes). GIH w/ BP & PKR combo. Total fluid pumped as 120 bbls. Modify stimulation to be pumped down tubing string. COOH w/ BP & PKR.
- 8/12/2003 GIH w/ 7" fullbore PKR & 2-7/8" tubing, set PKR at 2201'. Frac Menefee interval from 2250' to 2342' w/ 7,100 lbs 20/40 Super DC proppant in 240 bbls (10,080 gals) 25# X-link gel. ATP 3300 psi. MTP 2500 psi, from 15 BPM down to 4 BPM. ISIP 3050. COOH w/ tubing. Set RBP at 2211'. POOH. Perforate Menefee from 2152' to 2168' (14') - 28 holes. Breakdown w/ 2% KCl water, and frac down casing w/ 23,000 lbs 20/40 Super DC 341 BBLs 25# x-link at 23 BPM 1000 ATP. Flush well.
- 8/13/2003 GIH w/ DCs and lay down collars. LD PKR. GIH w/ retrieving head on 2-7/8". Circulate off 15' of sand on top of RBP. COOH w/ RBP from 2211'. GIH w/ 6-1/4" bit. Tag sand bridge at 2308'. Go past bridge and tag new PBTD of 2978'. LD unneeded jts 2-7/8" tubing. COOH w/ bit. GIH w/ production tubing to rod pump zone.
- 8/14/2003 Run After-Frac GR log down 2-7/8" tubing. Land tubing on bonnet. Change over to rods. RIH w/ new 2" rod pump on used 7/8" rods. Space out rods. 2-7/8" 6.5# tubing at 2540' (78 jts), SN at 2502'. Rig down rig.

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

Signed:

Thomas E. Mullins

Title: Engineering Manager

Date: 8/18/2003

This space for federal or state office use

Approved by:

/s/ David R. Sitzler

Division of Multi-Resources

Date: SEP 12 2003

Conditions of approval if any