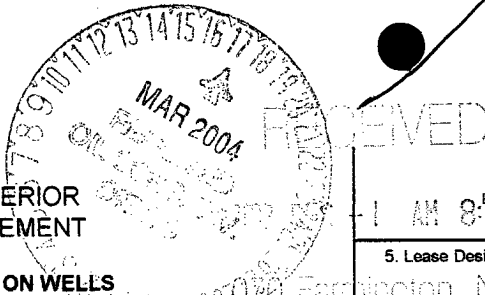


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

OGRID # 163458

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)

1770' FNL & 944' FEL Sec 11, T29N, R04W

Unit Letter H

5. Lease Designation and Serial No.

NMNM-18316

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

29-4 Carson 11 # 2

9. API Well No.

30-039-20649

10. Field and Pool, or Exploratory

Choza Mesa Pictured Cliffs (74960)

Basin Fruitland Coal (71629)

11. County or Parish, State

Rio Arriba County

New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

☒

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.

The Pictured Cliffs Pool could be either the Blanco, the Blanco East, or the Choza Mesa Pictured Cliffs. Synergy has assumed the PC pool selection (south of Highway 64 would be the appropriate pool). Choza Mesa PC 160 acre NE/4 dedication.

The Fruitland Coal would be a East Half (E/2) 320 acre dedication.

**PRODUCTION IS DOWNHOLE COMMINGLED. COMMINGLE ALLOCATION SUBMITTED SEPARATELY**

\*\*\*\*\*

Per NMOCD rule 1105.C

Form C-105 and accompanying attachments will not be kept confidential by the Division unless so requested in writing by the owner of the well. Upon such request, the Division will keep these data confidential for 90 days from the date of completion of the well, provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Division or its examiners or in any court of law, regardless of the request that they be kept confidential. [1-1-65...2-1-96]

Synergy requests this information to be held confidential for the maximum time allowed.

**CONFIDENTIAL INFORMATION FOR 90 DAYS FROM DATE OF COMPLETION**

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

Signed: \_\_\_\_\_

Thomas E. Mullins

Title: Engineering Manager

Date: 11-24-2003

This space for federal or state office use

Approved by: \_\_\_\_\_

Conditions of approval if any

Title: \_\_\_\_\_

Date: \_\_\_\_\_

NMOCD

NMOCD copies returned  
for your disposition

ACCEPTED FOR RECORD  
DEC 03 2003  
FARMINGTON FIELD OFFICE  
BY \_\_\_\_\_

~~CONFIDENTIAL~~

29-4 Carson 11 # 2

**Pictured Cliffs and Fruitland Coal Sundry Information**

- 09-19-2003 RU Blue Jet. RIH w/ 3-1/8" HSC Squeeze Gun. Shoot 3 - squeeze perfs in Pictured Cliffs at 3810'. Correlate with old GO International GR-Bond Log run 10-11-73. POOH. Note CBL shows no bond BJ Services. BD PC Squeeze perfs and pump 15 bbls water at 1.3 BPM 730#. IISIP 530#, stable at 378 psi. No communication to surface. Appears to be pumping into PC zone.  
Blue Jet. RIH w/ 3-1/8" HSC Squeeze Gun. Shoot 3 - holes at 3602', in top of Fruitland Coal in preparation of performing a suicide squeeze.  
RD Blue Jet. RU stripping rubber.  
Start in the hole with Baker 5-1/2" Cement Retainer on 2-3/8" tubing. Well is starting to flow back up both the tubing and the casing. Getting Dark, losing daylight. Difficult to trip pipe.  
Continue to try and GIH with Retainer, the well continues to flowback. Decide that operations can not be completed timely, and safely. Tubing at 1900'.  
Secure Well location. Shut-down operations until Monday.
- 09-22-2003 SM. GIH w/ 5-1/2" cement retainer w/ CCL. Correlate w/ DV tool @ 3855'. RU BJ Services. Clear retainer w/ H2O. Set Retainer @ 3790'. Test tbg 2000#. Pump into sqz holes at 3602', 1.5 BPM @ 1330#. No circulation to surface. Pump into sqz holes at 3810'. 1.3 BPM @ 830#. No circulation. Call-off Sqz. RD BJ. Sting out of retainer. COOH. Wait on Blue Jet. RU Blue Jet. Run GR-CBL log from 3788' to 500'. Good cement bond as suspected. Perforate Pictured Cliffs and Fruitland Coal w/ 2 guns (44 holes from 3605' to 3755'). SI. Secure Well.

**PICTURED CLIFFS AND FRUITLAND COAL PERF DETAIL**

Perforate Pictured Cliffs with Gun # 1 as follows: btm-up 0.28" diameter holes  
3755', 3749', 3746', 3734', 3732', 3730', 3716', 3711', 3704', 3699', 3697', 3695', 3692', 3660',  
3652', 3641' - 16 holes @ 1 SPF, Perforate Fruitland Coals with Gun # 2 as follows: btm-up 0.36"  
diameter holes: 3683', 3682', 3681', 3671', 3670', 3629', 3627', 3626', 3624', 3615', 3614', 3613',  
3606', 3605' - 28 holes @ 2 SPF, 120 deg phase. 44 holes plus 3 sqz holes = 47 holes  
New collar log showing 2' different (for future reference).  
RD Blue Jet. Shut-in and secure well location.

- 09-23-2003 SM. MU 5-1/2" SAPP tool. GIH get on depth. PT lines. WO BJ truck. Perform KCl water breakdown with SAPP tool, with 18 settings. BD perfs and establish rate into holes between 0.5 BPM and 1.5 BPM, 1000# to 3000#. Total of 55 bbls pumped. Release tool. COOH w/ SAPP. RU Isolation tool for frac job.
- 09-24-2003 SM. RU BJ Services. Gel two (2) Frac Tanks to 25#. Perform 60 Quality 25# X-linked Nitrogen Foam Frac Pump total of 52,180 lbs 20/40 brady, tailed with 80,860 bls 20/40 Super LC proppant. Total liquid 752 bbls, Total Nitrogen 652,000 SCF, Flush with half foam, half liquid at 2.0 ppg liquid at inline densiometer. ATP = 2050#, dropped four (4) 1.3 SG ball sealers during job, ISIP 1090#  
Flush to top perf. NO TRACER Run.  
Flowback Well on 1/2" Positive Choke
- 09-25-2003 Flowback Well on 1/2" Choke
- 09-26-2003 SM. Well Flowing back. Open on 2" lines. Blow Down. Kill well with 80 bbls 2% KCl water. ND Isoation tool. MU 2-3/8" production tubing. GIH and land 116 Jts 2-3/8" 4.7# J-55 existing production tubing. Did not try and tag fill. Lay Down unneeded jts. Pump off check with 24 bbls water, no pressure. Well flowing on casing. Equalize well and flow well back on tubing. Rig Down Equipment and Lines. Release Rig. Travel to Farmington. Tubing landed at 3595', SN @3564'

Will Set Production Separator and 286 BBL Low Profile Water Tank

Per NMOC rule 1105.C

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