

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 TRIPPLICATE

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)

890' FNL, 975' FEL, Sec 24 (A), T29N - R12W, NMPM

5. Lease Designation and Serial No.

NMNM013885

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Crawford 29-12-24 # 103

9. API Well No.

30-045-32845

10. Field and Pool, or Exploratory

Basin Fruitland Coal

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.

- 3/9/2005 MIRU Blue Jet Cased Hole Logging Truck with Mast Unit. RU Logging Tools. Run Cased Hole Dual Spaced GR-CCL-Neutron Log from PBDT to surface. PBDT is 1785'. Note log was run with 12' KB and TVD depths will have to be corrected to MD reference on NMOCD reports.
- 4/2/2005 MIRU American Energy Services and Blue Jet. X-O Top Connection to Stinger 6: 1002 Frac Y. Pressure Test 5-1/2" Production Casing to 1500# for 30 mins. Chart Test. Good Test. Test Casing to 3500# & Frac Y. Good. Blue Jet Perforate Fruitland Coal from 1760' to 1765' (5'), 1731' to 1735' (4'), 1720' to 1726' (6'), total of 60 holes. BD perms at 650#, Pump 500 gallons 7-1/2% HCl Acid at 5 BPM w/ 120 ball sealers. Good Ball Action. Ball off to 4000# ISIP 650#, Bleed Off Pressure. Run Junk Basket. Recover 110 balls. SDFN. Ready for Stimulation
- 4/4/2005 SM. Fracture Stimulate Fruitland Coal from 1720' to 1765' w/ 65,000 lbs 20/40 brady & 10,000 lbs 20/40 Super LC at 35 BPM, 1575# ATP, ISIP 565# w/ 20# X-Linked Gel. Set Baker 5-1/2" Composite BP at 1696' w/ Wireline. PT Plug and Lubricator to 1000#. Perforate 2nd Stage Fruitland Coal Perfs 1630' to 1638' (8'), 1610' to 1614' (4'), & 1543' to 1548' (5'), Total of 52 holes. Perform Acid Ball-Off Down Casing w/ 500 gallons 7.5% HCl, w/ 80 ball sealers Good Ball-off. Blue Jet, RU Lubicator and GIH w/ 5-1/2" Junk Basket and Recover all 80 ball sealers. POOH.

CONTINUED ON NEXT PAGE

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

Signed: Thomas E. Mullins

Title: Engineering Manager

This space for federal or state office use

Approved by: _____
Conditions of approval if any

Title: _____

ACCEPTED FOR RECORD

APR 26 2005

DATE: _____
FARMINGTON FIELD OFFICE
BY ab

CRAWFORD 29-12-24 # 103 CONTINUED

4/25/2005

- 4/4/2005 2nd Stage FTC Frac Job Information Below:
Fracture Stimulate Fruitland Coal from 153' to 1638' w/ 75,000 lbs 20/40 brady & 10,000 lbs 20/40 Super LC in 20# X-Link Gel at 35 BPM, 1345# ATP. ISIP 1050#, 15 min 900#. Rig Down American Energy Services.
ND Stinger Frac Y. NU WSI Flowback. SICP = 700# at 15:00 hrs. Shut well in until completion rig available.
- 4/6/2005 SICP = 290#. Blow Down well to Rig Pit. Flowback 80 bbls frac water. MIRU Basic Energy Rig # 2. ND Frac Valve. NU wellhead and BOPE. Function Test Rams. MU 4-3/4" Cone Bit, Bit Sub, and GIH on 2-3/8" tubing to 1526' (47 jts). Incomplete. SDFN. First Well Ever for Rig. Ironing out operational bugs.
- 4/7/2005 SICP = 200#. BD Well. GIH w/ 2-3/8" Tubing. Tag Sand Fill on 1st Stage Frac Job at 1580', 116' fill. RU Powerswivel Repairs. Circulate out Sand to BP at 1696'. Drill out BP at 1696'. Continue in the hole to 1760'. Drill on BP debris to 1765' (btm perf). High Torque. COOH w/ Bit. Piece of metal lodged in cones. Wait on new bit. GIH w/ 4-3/4" blade bit. Drill out Fill and Float Collar at 1785'. Drill 1 additional foot to 1786'. COOH 10 stands above perms overnight. SDFN.
- 4/8/2005 SICP = Zero. GIH and Check for Fill. No fill overnight. PBTD 1786'. COOH w/ 2-3/8" Tubing. GIH w/ 2-3/8" 4.7# J-55 Production Tubing. Land Tubing (54 Jts Total) @ 1765' KB. 20 off of hole TD. ND BOPE. NU WH. GIH w/ 1-1/4" DH rod pump, 4 - 1" Wt rods, 64 - 3/4" Rods, 10', 8', 2' Pony Rods, and Polish Rod. Rig Down Rig # 1510. Release Rig and Equipment to Yard. Rig Released at 18:00 hrs on 04/08/2005. Wait on Roustabout Crew to Install Surface Equipment. Enterprise (EPFS) installed new Gas Meter Run.

Handwritten signature