

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

Salt Water Disposal Well

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 Letter F, 1945' FNL, 2155' FWL, Sec 22, T21N-R05W

5. Lease Designation and Serial No.

NMNM-105533

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bois d' Arc Divide 22 # 4

9. API Well No.

30-043-20980

10. Field and Pool, or Exploratory

WC 21N5W22F Mesaverde (Oil)

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.

11/06/2003

SM. MIRU Blue Jet. With Crane Truck and Logging Unit. ND WH. MU Logging Tools. RIH w/ GR-CCL-CBL logging tools. Hole is full. Log well without pressure from PBTD (4008') to surface. 5-1/2" 15.5# Shoe @ 4050', Float Collar at 4004'. Located Marker Jt from 3362' to 3366'. Correlate log to HES OH Logs run 08-19-03. Good Cement Bond to Surface. Very Good Bond Across Planned Completion Interval 3500' to 3900'. NU WH. RD Blue Jet.

12/11/2003

SM. MIRU Blue Jet. With Crane Truck and Logging Unit. ND WH. MU Perf Guns. Perforate Menefee Coal Intervals bottom-up, 1 gun run, as follows 120 Deg Phase 0.32" hole Double Check Correlated Depths to both the Cased Hole Log and OH Logs. Perf depths are as per the OH Logs. POOH. All shots Okay.
Zone # 1 3713.5' to 3716' (3.5') - 8 holes
Zone # 2 3724' to 3727.5' (3.5') - 11 holes
Zone # 3 3734' to 3737' (3.0') - 9 holes
Zone # 4 3740.5' to 3745.5' (5.0') - 10 holes
Zone # 5 3756' to 3757.5' (1.5') - 6 holes
Zone # 6 3782.5' to 3785.5' (3.0') - 9 holes
Zone # 7 3804' to 3807' (3.0') - 9 Holes
Zone # 8 3813.5' to 3815' (1.5') - 6 Holes
Total of 23 Feet of Coal, 68 Holes, Gross Interval 101.5 Feet

CONTINUED on PG 2

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

Signed:

Thomas E. Mullins

Title: Engineering Manager
(505) 325-5449

Date: 07-07-2004

This space for federal or state office use

Approved by:

/s/ David R. Sitzler

Title:

Date:

Conditions of approval if any

Division of Multi-Resources

AUG 17 2004

12/12/2003 Pressure Test Lines and Equipment to 5000#. MTP to be 4000#. Breakdown Perfs at 1210 psi, 2 BPM @ 1200#, 10 bbl, 980# ISDP. Pump again at 6.2 BPM @ 1600#, 20 bbls, 1050# ISDP. Start 100 Bio-Ball Sealers at 2 bbls per bbl at 4.4 BPM 1550#, Increase rate after all balls dropped to 7 BPM 1500#, Attempt to bal-off climbed to 1850#. ISDP 1100#, 185 bbls pumped. Reload Ball Gun, Repeat with 100 Bio Ball Sealers at 4.6 BPM increase rate to 9.9 BPM, ball action from 1890# to 3800#, incomplete ball-off, Seven (7) intervals identified on chart. ISDP 1250#. Total Fluid pumped 352 bbls. No Acid used. Rig Down and Release BJ Services. Eight (8) Zones Open. Perforations from 3713.5' to 3815' (68 holes, 23 feet Net Coal).

12/13/2003 MIRU BJ Services. SM. Gel Tanks. QC tests. Fracture Stimulate Menfee Interval from 3713.5' to 3815' (68 holes) with 13,500 lbs 20/40 Super LC in 19,530 gals 25# X-linked gel. Screened out job at 4600 psi with ball-drop. ATR 14 BPM, 3700 ATP. Attempt to flow well back and re-pump job. No success. ISDP 4550#. RD BJ Services.

12/17/2003 MIRU BHWS Rig # 2. Spot Equipment. SM. SICP = zero. Thaw Wellhead. Pull WSI Isolation Tool. ND Valves. NU BOPE. Function Test. MU 4-3/4" bit, bit sub, and GIH w/ 2-7/8" tubing. Tally & Drift in the hole. Tag Sand Fill at 3381'. RU Powerswivel. CO sand with water (159') to 3540'. Circ Clean. HB Swivel. COOH 5 stands.

12/18/2003 SM. GIH w/ bit & tubing. Cleanout 453 feet of sand fill to PBTD 3993'. Total of 8,700 lbs. COOH. Log Post Frac GR log across pay interval. SM Stayed in zone. Four of Eight zones understimulated. Make Up, RBP & PKR combination. GIH on 2-7/8" tubing above perforations for night. Drain Pumps & Lines. Secure Well Location.

12/19/2003 SM. Set RBP @ 3869', Set PKR @ 3791'. BD perfs 3804' to 3815.5' with 2% KCl water, 30 bbls total. Set RBP @ 3792', Set PKR @ 3777'. BD perfs 3782.5' to 3785.5', 30 bbls total. Set RBP 3782', Set PKR @ 3745'. Pump into perfs 3756' to 3757.5', 30 bbls. Tool problems. COOH w/ RBP & PKR. WO tools. GIH w/ RBP. Set RBP @ 3740'. COOH. GIH w/ FB PKR. Set PKR w/ 2-7/8" @ 3458'. Flange down BO2 coupler to BOPE. BD w/ 20 Bio Balls perfs from 3713.5' to 3737', at 10 BPM - 110 bbls, ISDP 3400#. Let Balls Dissolve. Fracture Stimulate 3713.5' to 3737' at 15 BPM w/ 25# X-link gel 263 bbls, 6000 lbs 20/40 Super LC. Screen out. 800 lbs in casing. SD. RD BJ Services. SDFWE.

12/22/2003 SM. Thaw Out Frac Valves. ND Frac Valves. Release PKR at 3458'. ND BO2 Coupler. COOH w/ PKR. LD PKR. Joint directly above PKR full of sand. MU Hydrostatic bailer. GIH and tag sand fill at 3650'. Top Perf at 3713.5'. Bail 90' sand to RBP at 3740'. COOH w/ Bailer. MU Retrieving head. GIH to RBP. RU Pump and Lines. Thaw out. Circulate hole clean above RBP. COOH 8 stands above all perforations. SDFN.

12/23/2003 SM. GIH 8 stands. Tag RBP at 370'. RU pump and lines. CO to RBP. Engage, and release RBP. COOH w/ RBP. Run regular GR post-frac (not-multi isotope) across perfs. Stimulation in all perf intervals open. RD Blue Jet. GIH w/ 2-7/8" 6.5# J-55 Production tubing 121 Jts Total for Rod Pumping. Land EOT at 3902'. ND BOPE. NU WH. X-O to run rods. Load pump. GIH w/ rod pump and 92 - 3/4" rods, 67 7/8" rods, 6', 4', 2' ponys. Attempt to hang well on horse's head. Not aligned properly, same as other pump jacks. SDFN.

12/24/2003 SM. Hook Dozer to pumpjack. Slide Pump Jack and align with WH. Tighten Tie downs and bolts. Adjust wellhead configuration. Re-Space Pump. Hang Well on Pumping at 10:00 hrs 12-24-03. CO Rig Pit of sand. Monitor Pump Action. RD BH Well Service. Producing to SWD # 1 facility. Final Rig Report.

462