

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Permit 46481

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL API NUMBER 30-045-33427
5. Indicate Type of Lease P
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name DUFF 29 11 8
8. Well Number 105
9. OGRID Number 163458
10. Pool name or Wildcat See Area 13

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFRENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:G
2. Name of Operator SYNERGY OPERATING LLC
3. Address of Operator 5101 COLLEGE BLVD , , SUITE 5055 FARMINGTON , NM 87402

4. Well Location Unit Letter L : 1885 feet from the S line and 1085 feet from the W line Section 8 Township 29N Range 11W NMPM San Juan County
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11. Elevation (Show whether DR, KB, BT, GR, etc.) 5695 GR.

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
Other: _____
SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTER CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐
Other: Perforations/Tubing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12/22/06: Log GR-CCL 1949-0'.
1/25/07: PT 5-1/2" csg to 1500#/30-Mins. Perf FTC @ 1826-38' & 1789-93'. Acidize w/ 500-Gals 7-1/2% HCl.
1/26/07: Frac w/ 44,244# 20/40 in 65Q 15#/L Foam @ 35-BPM & 2013#. Perf 1736-44', 1709-11', 1652-62', 1623-25'.
1/29/07: MIRU, TIH w/ 2-3/8" Tbg.
1/30/07: CO SD 1417-1967'. TOOH LD 2-3/8" Tbg.
2/1/07: Set CIBP @ 1780'. Acidize w/ 500-Gals 7-1/2% HCl.
2/2/07: Frac w/ 70,260# 20/40 in 65Q 15#/L Foam @ 35-BPM & 1607#.
2/5/07: MIRU, TIH w/ 2-3/8" Tbg & CO SD 1633-1780'.
2/6/07: DO CIBP @ 1780'.
2/7/07: Land Tbg @ 1907'. Run 1-1/4" pump on 3/4" rods.

Perforations

Pool: BASIN FRUITLAND COAL (GAS), 71629 Location: L -8-29N-11W 1885 S 1085 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
1826	1838	N	3	0.34		Acid	375
1789	1793	N	4	0.34		Acid	125
1826	1838	N	3	0.34	Foam	Frac	9166
1789	1793	N	4	0.34	Foam	Frac	3056
1736	1744	N	3	0.34		Acid	182
1709	1711	N	4	0.34		Acid	45
1652	1662	N	2	0.34		Acid	228
1623	1625	N	4	0.34		Acid	45
1736	1744	N	3	0.34	Foam	Frac	6735
1709	1711	N	4	0.34	Foam	Frac	1684
1652	1662	N	2	0.34	Foam	Frac	8419
1623	1625	N	4	0.34	Foam	Frac	1684

Tubing

BASIN FRUITLAND COAL (GAS), 71629

Tubing Size	Type	Depth Set	Packer Set
2.375	J-55	1907	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOSD regulations ☐ a cement plug ☐ or an (attached) alternative OGD approved plug ☐