

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other ☐

1b. TYPE OF WELL

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF ☐

Other ☐

2. NAME OF OPERATOR

Synergy Operating, LLC

OGRID # 163458

3. ADDRESS AND TELEPHONE NO.

PO Box 5513, Farmington, NM 87499

(505) 325-5449

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

Unit Letter L, 1955' FSL, 885' FWL, Sec 24, T-29N, R-12W

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

05-11-05

16. DATE T.D. REACHED

05-21-05

17. DATE COMPL. (Ready to prod.)

06-20-05

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

5641' GL

19. ELEV. CASINGHEAD

5642'

20. TOTAL DEPTH, MD & TVD

1825' MD

1825' TVD

21. PLUG BACK T.D., MD & TVD

1785' MD

1785' TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

D&D Rig # 1

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Basin Fruitland Coal 1690'-1694', 1678'-1686', 1644'-1648', 1623'-1628', 1542'-1550', 1517'-1519'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Openhole GR-Neutron-Density, Cased Hole GR-CCL

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" J-55 ST&C	24#	352'	12-1/4"	214 sxs, 304 ft3	circulated
5-1/2" J-55 LT&C	15.5#	1823'	7-7/8"	250 sxs, 461.5 ft3	circ 4 bbls cement

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1746'	None

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
1ST- 1690' - 1694' (4'), 1678'-1686' (8')	0.34"	32
2ND - 1644'-1648' (4'), 1623'-1628' (5')	0.34"	36
3RD - 1542'-1550' (8'), 1517'-1519' (2')	0.34"	40

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1678' - 1694'	500 gals 7.5% HCl, 27K 20/40 Brady
	15,246 gals 20# X-link Gel
1623' - 1648'	5,040 Gals 2% KCl, No Proppant
1517'-1550'	500 gals 7.5% HCl, 74K 20/40 Brady
	29,454 gals 20# X-link Gel

33.*

PRODUCTION

DATE FIRST PRODUCTION 06-20-2005		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping					WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 06-20-2005	HOURS TESTED 1	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. TSTM	WATER—BBL. N/A	GAS-OIL RATIO n/a	
FLOW. TUBING PRESS. N/A	CASING PRESSURE 150#	CALCULATED 24-HOUR RATE →	OIL-BBL. 0	GAS—MCF. TSTM	WATER—BBL. N/A	OIL GRAVITY-API (CORR.) n/a		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold EPFS Meter # to be determined

TEST-WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

Directional Survey, OH Logs, Cased Hole Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Engineering Manager

JUL 05 2005

FARMINGTON FIELD OFFICE

BY

NMOC

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).	38. GEOLOGIC MARKERS				
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME MEAS. DEPTH TRUE VERT. DEPTH
Nacimientos	Surface				Surface
Ojo Almo	551'				551'
Kirtland	1396'				1396'
Fruitland	1693'				1693'
Pictured Cliff	1825'				1825'
Total Depth					