

(See other instructions on reverse side)

OMB NO 1004-0137

Expires. February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 03 2008

LEASE DESIGNATION AND SERIAL NO

NMNM-99738

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RCVD SEP 5 '08

7. UNIT AGREEMENT NAME

SILVER CREEK DIV.

DIST. 3

8. FARM OR LEASE NAME, WELL NO

Synergy 21-7-20 # 159

9. API WELL NO

30-043-21045

10. FIELD AND POOL OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC 20, T21N, R07W

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

1a. TYPE OF WORK

OIL WELL ☐GAS WELL ☒DRY ☐

Other

1b. TYPE OF WELL

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF RESVR. ☐

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 E, 1790' FNL, 845' FWL, Sec 20, T21N, R07W

At top prod. Interval reported below

At total depth

14. PERMIT NO

DATE ISSUED

15. DATE SPUN

09-27-07

16. DATE T.D. REACHED

02-05-08

17. DATE COMPL. (Ready to prod.)

04-16-08

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

6824' GL, 6829' KB (5')

19. ELEV. CASING HEAD

6824'

20. TOTAL DEPTH, MD & TVD

895' MD 895' TVD

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

842' MD 842' TVD

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

Steve & Son Rig # 1

CABLE TOOLS

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

Fruitland Coal Formation: 584' to 639' - (11') Total of 44 perforations

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Openhole: GR, Caliper, Compensated Density, Casedhole: 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" K-55	24#	127'	12-1/4"	90 sxs (107 ft3) w/ 2%CaCl	Circ 19 bbls
5-1/2" K-55	15.5#	864'	7-7/8"	154 sxs (273 ft3) w/ additive	Circ 28 bbls to Surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	741'	none

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
584' to 588' (4')	0.34"	16
606' to 610' (4')	0.34"	16
636' to 639' (3')	0.34"	12

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
584' to 639'	2,520 gals Fresh Water
	Ball Sealers

33 *

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
Wait on pipeline		Pumping, 4" Electric Submersible Pump					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO	
06-24-2008	24	2" Open		0	3 MCFD	62	n/a	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)		
n/a	34#		0	3 MCFD	62	n/a		

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

Used for Fuel Powering Generator, Waiting on Pipeline Connection

TEST WITNESSED BY

Tom Mullins

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

TITLE

Engineering Manager

DATE

SEP 11 2008

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON FIELD OFFICE

Do not produce until cost is approved

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Synergy 21-7-20 # 159				Log Tops:		
Fruitland Coal	584'	682'	Coal Seams	Base of Ojo Alamo	128'	128'
				Fruitland Top	338'	338'
				Basal Coal Top	660'	660'
				PC Top	683'	683'
				TD:	895'	895'
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