

(See other in-
structions on
reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NMNM-99735	
1b. TYPE OF WELL NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME RCVD FEB 28 07 7. UNIT AGREEMENT NAME OIL CONS. DIV.	
2. NAME OF OPERATOR Synergy Operating, LLC		8. FARM OR LEASE NAME, WELL NO. Synergy 21-7-7 # 135	
3. ADDRESS AND TELEPHONE NO. PO Box 5513, Farmington, NM 87499		9. API WELL NO. 30-043-21021	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface Unit Letter K, 1775' FSL, 1960' FWL, Sec 07, T21N, R07W At top prod. Interval reported below At total depth		10. FIELD AND POOL OR WILDCAT Basin Fruitland Coal	
14. PERMIT NO. OGRID # 163458		12. COUNTY OR PARISH Sandoval	
15. DATE SPUDDED 06-12-06		13. STATE New Mexico	
16. DATE T.D. REACHED 06-16-06		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6593' GL, 6598" KB (5')	
17. DATE COMPL. (Ready to prod.) 01-10-07		19. ELEV. CASINGHEAD 6594'	
20. TOTAL DEPTH, MD & TVD 826' MD 826' TVD		21. PLUG BACK T.D., MD & TVD 776' MD 776' TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Steve & Son Rig # 1	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal Formation: 515' to 537' - Total of 88 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
8-5/8" K-55	24#	136'	12-1/4"
5-1/2" K-55	15.5#	806'	7-7/8"
		144 sxs (190 ft3) tail	
		to Surface	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	748'	none	
31. PERFORATION RECORD (Interval, size and number)			
INTERVAL	SIZE	NUMBER	
515' to 537' (22')	0.34"	88	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
515' - 537'		1,680 gallons water	
		No Acid, No Frac	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	
01/10/07		Pumping Rod Pump - 2.5" x 1-3/4" x 12' RWAC	
DATE OF TEST		WELL STATUS (Producing or shut-in)	
01/10/07		Shut-in	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBLS.
24	0.125"		0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS-MCF.
n/a	40#	0	TSTM
		WATER-BBL.	
		30	
		OIL GRAVITY-API (CORR.)	
		n/a	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
Used for Fuel, Waiting on Pipeline Connection			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED _____ TITLE Engineering Manager			

FARMINGTON FIELD OFFICE
BY Joe Golding DATE 2/19/2007

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

NMOCD 8

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	TOP
BOTTOM	MEAS. DEPTH
DESCRIPTION, CONTENTS, ETC.	TRUE VERT. DEPTH
Synergy 21-7-7 # 135 Fruitland Coal 513' 540' Mudlog hole from 139' to 826' (TD) Coal consists of mostly bright intermediate satin (65%) coal is banded w/ very thin lamina, micro stringers and streaks of bright black vitreous coal (20%) minor flat/dull black coal (15%), exhibits good cleating with common cuttings exhibiting intersecting cleat faces (cubic cuttings), some conchoidal and subconchoidal fracture seen in brightest coal, no observed secondary mineralization Bag Coal Samples for analysis	Log Tops: Fruitland Top 154' Basal Coal Top 513' PC Top 579' TD: 826'