

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 _____		207 MAY 18		
1b. TYPE OF WELL NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG ☐ BACK ☐ DIFF RESVR ☐ Other _____		RECEIVED 210 FARM		
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 F, 1550' FNL, 1680' FWL, Sec 12, T27N, R13W At top prod. Interval reported below W/2 - 320 spacing unit At total depth		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NOG-9811-1313 7. UNIT AGREEMENT NAME NOG-9811-1313 8. FARM OR LEASE NAME, WELL NO. Kelly FC #2 9. API WELL NO. 30-045-33662 10. FIELD AND POOL OR WILDCAT Basin Fruitland Coal 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 12, T27N, R13W 12. COUNTY OR PARISH San Juan 13. STATE New Mexico		
15. DATE SPUDDED 08-26-06	16. DATE T.D. REACHED 08-29-06	17. DATE COMPL. (Ready to prod.) 05-17-07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5815' GL, 5820' KB (5')	19. ELEV. CASINGHEAD 5820'
20. TOTAL DEPTH, MD & TVD 1485' MD 1485' TVD	21. PLUG BACK T.D., MD & TVD 1431' MD 1431' TVD	22. IF MULTIPLE COMPL., HOW MANY* 1	23. INTERVALS DRILLED BY D & D Services Rlg # 1	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal Formation: 1202' to 1264' - Total of 72 perforations
25. TYPE ELECTRIC AND OTHER LOGS RUN Openhole: GR, Caliper, Compensated Density, Casedhole: GR-CCL				26. WAS FUNCTIONAL SURVEY MADE Yes
27. WAS WELL CORED DIST. 3 No				28. WAS WELL CORED No
29. CASING RECORD (Report all strings set in well)				
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD
8-5/8" K-55	24#	205'	12-1/4"	170 sxs (201 ft3) w/ 2%CaCl
5-1/2" K-55	15.5#	1472'	7-7/8"	150 sxs (309 ft3) lead
				100 sxs (133 ft3) tail
30. LINER RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
31. PERFORATION RECORD (Interval, size and number)				
INTERVAL	SIZE	NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1202' to 1208' (6')	0.34"	24	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1252' to 1264' (12')	0.34"	48	1202' to 1264'	500 gals - 7.5% HCl/balls
			1202' to 1264'	12,306 gals - 65Q - N2 Foam Frac
				w/ 45K 20/40 Brady
33. PRODUCTION				
DATE FIRST PRODUCTION 05/17/07	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping Rod Pump - 2" x 1-1/4" x 25' - 3 Tube Pump			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 5/17/07	HOURS TESTED 24	CHOKE SIZE 0.50"	PROD. FOR TEST PERIOD OIL-BBL. 0 GAS-MCF. TSTM	WATER-BBL. 60 GAS-OIL RATIO n/a
FLOW TUBING PRESS. n/a	CASING PRESSURE 60#	CALCULATED 24-HOUR RATE 0	OIL-BBL. 0 GAS-MCF. TSTM	WATER-BBL. 60 OIL GRAVITY-API (CORR.) n/a
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) To Be Sold thru EPFS, Waiting on C-104 for Meter #				TEST WITNESSED BY Glen Papp
35. LIST OF ATTACHMENTS Directional Surveys				
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				
SIGNED [Signature]	TITLE Engineering Manager			DATE 5/18/2007

*(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.

ACCEPTED FOR RECORD

MAY 21 2007

NACCD

FARMINGTON FIELD OFFICE

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
Kelly FC # 2				Log Tops:		
Fruitland Coal Seams	1202'	1208'	Coal Seam Perforated	Kirtland (behind surface)	900'	900'
Pictured Cliffs Top	1252'	1264'	Coal Seam Perforated	Fruitland	1255'	1255'
	1277'			Basal Fruitland Coal	1277'	1277'
				Pictured Cliffs Top	1428'	1428'
				Base PC Sand	1485'	1485'
				TD Hole:		

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