

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <b>SWD</b>						5. LEASE DESIGNATION AND SERIAL NO. <b>NMNM-105533</b>	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Synergy Operating, LLC</b>						7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. <b>PO Box 5513, Farmington, NM 87499 (505) 325-5449</b>						8. FARM OR LEASE NAME, WELL NO. <b>Bois d' Arc SWD # 1</b>	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.) At Surface <b>Unit Letter I, 2025' FSL, 675' FEL, Sec 22, T-21N, R-5W</b> At top prod. Interval reported below At total depth						9. API WELL NO. <b>30-043-20981</b>	
10. FIELD AND POOL OR WILDCAT <b>WC 21N5W22I Dakota</b>						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>SEC 22, T-21N, R-5W</b>	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH <b>Sandoval</b>	
13. STATE <b>New Mexico</b>							
15. DATE SPUDDED <b>07-21-2003</b>		16. DATE T.D. REACHED <b>08-02-2003</b>		17. DATE COMPL. (Ready to prod.) <b>10-28-2003</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>7207' GL</b>	
19. ELEV. CASINGHEAD <b>7208'</b>							
20. TOTAL DEPTH, MD & TVD <b>6135' MD 6135' TVD</b>		21. PLUG BACK T.D., MD & TVD <b>6095' MD 6095' TVD</b>		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <b>Key # 47</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>Dakota 6058' - 6093'</b>						25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>GR-IND, NEU-Density, ML (Mud Log)</b>						27. WAS WELL CORED <b>No</b>	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8" J-55		36#		332'		12-1/4"	
7" J-55 & N-80		23#		6135'		8-3/4"	
DV Tool @		3770'				2nd Stage 457 sxs, 1111 ft3	
Port Collar		1508'				Cemented to Surface	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
4-1/2"		11.6# N-80 5850'		5850'			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
INTERVAL		SIZE		NUMBER			
6058' - 6093'		0.34"		168			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				6058' - 6093'		750 gals 15% KCL	
33.* PRODUCTION							
DATE FIRST PRODUCTION <b>02-10-2004</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) <b>Injection</b>	
DATE OF TEST <b>10-28-2003</b>		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL-BBL. GAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.)	
0		0		0		0 0 0 n/a	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Salt Water Disposal</b>						TEST WITNESSED BY <b>Tom Mullins</b>	
35. LIST OF ATTACHMENTS <b>Surveys, SWD-914 Order</b>							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <b>[Signature]</b>		TITLE <b>Engineering Manager</b>				DATE <b>7/19/2004</b>	

\*(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  
SEP 13 2004

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
Nacimiento	Surface			Nacimiento	Surface	Surface
Ojo Almo	940			Ojo Almo	940	
Kirtland	1093			Kirtland	1093	
Fruitland	1204			Fruitland	1204	
Pictured Cliff	1439			Pictured Cliff	1439	
Lewis Shale	1544			Lewis Shale	1544	
Cliffhouse	2186			Cliffhouse	2186	
Menefee	2922			Menefee	2922	
Pt. Lookout	3751			Pt. Lookout	3751	
Mancos	4058			Mancos	4058	
Gallup	4590			Gallup	4590	
Greenhorn	5668			Greenhorn	5668	
Dakota	5725			Dakota	5725	
L. Dakota	5999			L. Dakota	5999	

WCM