

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NMNM-105583			
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 <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Synergy Operating, LLC		7. UNIT AGREEMENT NAME			
3. ADDRESS AND TELEPHONE NO. PO Box 5513, Farmington, NM 87499 (505) 325-5449		8. FARM OR LEASE NAME, WELL NO. Bois d' Arc Divide 22 # 4			
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface Unit Letter F, 1945' FNL, 2155' FWL, Sec 22, T-21N, R-5W At top prod. interval reported below At total depth		9. API WELL NO. 30-043-20980			
14. PERMIT NO.		13. STATE New Mexico			
DATE ISSUED		12. COUNTY OR PARISH Sandoval			
15. DATE SPUDDED 08-15-2003	16. DATE T.D. REACHED 07-09-2004	17. DATE COMPL. (Ready to prod.) 07-09-2004	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7295' GL		
19. ELEV. CASINGHEAD 7296'		20. TOTAL DEPTH, MD & TVD 4050' MD 4050' TVD			
21. FLUG BACK T.D., MD & TVD 3940' MD 3940' TVD		22. IF MULTIPLE COMPL., HOW MANY* Key Rig # 47			
23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Menefee 3710' - 3752', 3756' - 3758', 3783' - 3786', 3788' - 3794', 3804' - 3807', 3814' - 3815'		25. WAS DIRECTIONAL SURVEY MADE Yes			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-IND, NEU-Density, ML (Mud Log)		27. WAS WELL CORED No			
23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8" K-55		24#		190 470'	
5-1/2" K-55		15.5#		4050'	
HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		100 sxs, 118ft3		To Surface	
7-7/8"		426 370 sxs, 877ft3			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-7/8"		3902'			
31. PERFORATION RECORD (Interval, size and number)					
INTERVAL		SIZE		NUMBER	
3710' - 3752'		0.32"		84	
3756' - 3758'		0.32"		6	
3783' - 3786'		0.32"		9	
3788' - 3794'		0.32"		12	
3804' - 3807'		0.32"		9	
3814' - 3815'		0.32"		6	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
#1 3713' - 3815'		13,500# 20/40 SLC &			
#2 3713' - 3737'		19,500 gals 25# X-Link			
#3 3710' - 3815'		6,000# 20/40 SLC &			
		11,046 gals 25# X-Link			
		50,260# 20/40 TLC &			
		31,164 gals 20# X-Link			
33.* PRODUCTION					
DATE FIRST PRODUCTION 07-09-2004		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Rod Pumping Equipment			WELL STATUS (Producing or shut-in) Testing
DATE OF TEST 07-09-04		HOURS TESTED 24		CHOKE SIZE n/a	
FLOW. TUBING PRESS. 0		CASING PRESSURE 20		CALCULATED 24-HOUR RATE Trace	
OIL-BBL. Trace		GAS-MCF. TSTM		WATER-BBL. 200	
OIL GRAVITY-API (CORR.) n/a		GAS-OIL RATIO 0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel - Vented at SWD Facility					
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 [Signature]		TITLE ENGINEERING MANAGER		DATE 8/18/2004	

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	Surface		Nacimiento	Surface	Surface
Ojo Alamo	1066			Ojo Alamo	1066	
Fruitland	1230			Fruitland	1230	
Pictured Cliffs	1528			Pictured Cliffs	1528	
Lewis Shale	1627			Lewis Shale	1627	
Cliffhouse (La Ventana)	2267			Cliffhouse (La Ventana)	2267	
Menefee	2998			Menefee	2998	
Pt. Lookout	3817			Pt. Lookout	3817	

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