

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 checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NMNM-105533	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESRV <input type="checkbox"/> Other _____		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 # 1	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.) At Surface Unit Letter N, 750' FSL, 1650' FWL, Sec 22, T-21N, R-5W		9. API WELL NO. 30-043-20952	
At top prod. Interval reported below		10. FIELD AND POOL OR WILDCAT WG 21N5W22N Mesaverde (Gas)	
At total depth		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA SEC 22, T-21N, R-5W	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 11-5-2001		16. DATE T.D. REACHED 8-27-2003	
17. DATE COMPL. (Ready to prod.) 8-27-2003		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7304' GL	
19. ELEV. CASINGHEAD 7304'		12. COUNTY OR PARISH Sandoval	
13. STATE New Mexico			
20. TOTAL DEPTH, MD & TVD 3848' MD 3848' TVD		21. PLUG BACK T.D., MD & TVD 3830' MD 3830' TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Dynatec Drilling	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Menefee 3756' - 3760', 3742' - 3746', 3706' - 3710' 3666' - 3668', 3658' - 3661', 3594' - 3600'		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-IND, NEU-Density, ML (Mud Log)		27. WAS WELL CORED Yes	
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#	162' GL	12-1/4"
5-1/2" K-55	15.5#	3848' GL	6-3/4"
			Lead 200 sxs, 496 ft3
			Tail 120 sxs, 242 ft3
			Cement to Surface
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2-7/8"
			3825'
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2-7/8"
			3825'
31. PERFORATION RECORD (Interval, size and number)			
INTERVAL	SIZE	NUMBER	
3756' - 3760'	0.31"	8	
3742' - 3746'	0.31"	4	
3706' - 3710'	0.31"	8	
3666' - 3668'	0.31"	8	
3658' - 3661'	0.31"	12	
3594' - 3600'	0.31"	12	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
#1 3594' - 3760'	KCL Breakdowns		
#2 3706' - 3760'	30,000# 20/40 SLC &		
	309 bbls 50 Quality N2 Foam		
#3 3594' - 3600'	16,000# 20/40 SLC &		
	20,000 gals 25# X-Link		
33. PRODUCTION			
DATE FIRST PRODUCTION 08-27-2003	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pumping Equipment		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 08-27-2003	HOURS TESTED 24	CHOKE SIZE n/a	PROD'N. FOR TEST PERIOD OIL-BBL. 0 GAS-MCF. 50 WATER-BBL. 170
FLOW. TUBING PRESS. 0	CASING PRESSURE 20	CALCULATED 24-HOUR RATE OIL-BBL. 0 GAS-MCF. 50 WATER-BBL. 170	GAS-OIL RATIO n/a
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel - Vented at SWD Facility			TEST WITNESSED BY Tom Mullins
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 8/20/2004

\* (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.

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BLM  
04 AUG 23 AM 11:00  
N. 30-043-20952

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
Fruitland	1242'	590'	Mud Log Gas Shows	Nacimiento	Surface	Surface
Pictured Cliffs	1504"	924'	Mud Log Gas Shows	Fruitland	1242	1238
Menefee	2833"	2851'	Mud Log Gas Shows in Coal Seams & Sands	Pictured Cliffs	1504	1499
			Mud Log Gas Shows, Lost Circulation Zone	Lewis Shale	1583	1575
			Completed and Production Tested. Uneconomical	Cliffhouse (La Ventana)	2250	2240
			Porous Sand. Swab Tested. 200 bbls water	Menefee	2833	2823
				Pt. Lookout	3808	3798

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