

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 ☐		1b. TYPE OF WELL NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐		2. NAME OF OPERATOR Synergy Operating, LLC (agent for Bois d' Arc Offshore, LTD)		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 P, 690' FSL, 615' FEL, Sec 22, T-21N, R-5W At top prod. Interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. NMMN-105533		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME, WELL NO. Bois d' Arc Divide 22 # 2		9. API WELL NO. 30-043-20982		10. FIELD AND POOL OR WILDCAT WC 21N5W22P Mesaverde (Oil)		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 22, T-21N, R-5W		12. COUNTY OR PARISH Sandoval		13. STATE New Mexico	
15. DATE SPUDDED 08-03-2003		16. DATE T.D. REACHED 08-09-2003		17. DATE COMPL. (Ready to prod.) 12-16-2003		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7238' GL		19. ELEV. CASINGHEAD 7239'		20. TOTAL DEPTH, MD & TVD 4066' MD 4066' TVD		21. PLUG BACK T.D., MD & TVD 4008' MD 4008' TVD		22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS Key # 47		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Menefee 3764 - 3766' 3740' - 3744' 3695' - 3700'		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)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED																	
8-5/8" J-55		24#		194'		12-1/4"		150 sxs, 177ft3		To Surface																	
5-1/2" K-55		15.5#		4060' GL		7-7/8"		Lead 381 sxs, 952 ft3		Circulated																	
								Tail 76 sxs, 158 ft3		35 BBLS																	
29. LINER RECORD																											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)													
										2-7/8"		3860'															
30. TUBING RECORD																											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)													
										2-7/8"		3860'															
31. PERFORATION RECORD (Interval, size and number)																											
INTERVAL		SIZE		NUMBER																							
3764 - 3766'		0.32"		8																							
3740' - 3744'		0.32"		7																							
3695' - 3700'		0.32"		11																							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																											
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																									
3764 - 3766'		25 bbls 2% KCL																									
3740' - 3744'		20 bbls 2% KCL																									
3695' - 3700'		20 bbls 2% KCL																									
3695' - 3766'		30,000 lbs 20/40 LC + 23,000 gals X-Link																									
33. PRODUCTION																											
DATE FIRST PRODUCTION 12-16-2003		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pumping Equipment										WELL STATUS (Producing or shut-in) Testing															
DATE OF TEST 12-16-2003		HOURS TESTED 24		CHOKE SIZE n/a		PROD'N. FOR TEST PERIOD 0		OIL—BBLs 0		GAS—MCF. 0		WATER—BBL 200		GAS/OIL RATIO #DIV/0!													
FLOW. TUBING PRESS. 0		CASING PRESSURE 20		CALCULATED 24-HOUR RATE 0		OIL—BBL 0		GAS—MCF. 0		WATER—BBL 200		OIL GRAVITY-API (CORR.) n/a															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel														TEST WITNESSED BY Tom Mullins													
35. LIST OF ATTACHMENTS Deviation Survey																											
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 6/25/2004															

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

ACCEPTED FOR RECORD
AUG 4 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 too 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	1232		Mud Log Gas Shows, Coal Seams	Nacimientito	Surface	Surface	
Pictured Cliffs	1473		Mud Log Gas Shows	Fruitland	1232	1232	
Lewis Shale	1561		Mud Log Gas Shows	Pictured Cliffs	1473	1473	
Cliffhouse (La Ventana)	2165		Mud Log Gas Shows	Lewis Shale	1561	1561	
Menefee	2947		Mud Log Gas Shows, Coal Seams	Cliffhouse (La Ventana)	2165	2165	
Pt. Lookout	3768		Mud Log Gas Shows	Menefee	2947	2947	
				Pt. Lookout	3768	3768	

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