

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 _____		7. UNIT AGREEMENT NAME	
1b. TYPE OF WELL NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other _____		8. FARM OR LEASE NAME, WELL NO.	
2. NAME OF OPERATOR Synergy Operating, LLC (agent for Bois d' Arc Offshore, LTD)		Bois d' Arc Divide 22 # 3	
3. ADDRESS AND TELEPHONE NO. PO Box 5513, Farmington, NM 87499 (505) 325-5449		9. API WELL NO. 30-043-20983	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface Unit Letter J, 1915' FSL, 1970' FEL, Sec 22, T-21N, R-5W		10. FIELD AND POOL OR WILDCAT WC 21N5W22J Mesaverde (Oil)	
At top prod. Interval reported below		11. SEC. T-21N, R-5W, OR BLOCK AND SURVEY OR AREA SEC 22, T-21N, R-5W	
At total depth		12. COUNTY OR PARISH Sandoval	
14. PERMIT NO.		13. STATE New Mexico	
15. DATE SPUNDED 08-09-2003	16. DATE T.D. REACHED 08-15-2003	17. DATE COMPL. (Ready to prod.) 03-04-2004	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7235' GL
19. ELEV. CASINGHEAD 7236'		20. TOTAL DEPTH, MD & TVD 4075' MD 4075' TVD	
21. PLUG BACK T.D., MD & TVD 4006' MD 4006' TVD		22. IF MULTIPLE COMPL., HOW MANY* N/A	23. INTERVALS DRILLED BY Key Rig # 47
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Menefee 3719 - 3723', 3689' - 3691', 3673' - 3677', 3649' - 3650', 3646' - 3647', 3637' - 3639'			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
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8" J-55	24#	190'	12-1/4"
5-1/2" J-55	15.5#	4070'	7-7/8"
		TOP OF CEMENT, CEMENTING RECORD	
		200 sxs, 366ft3	
		Lead 325 sxs, 812 ft3	
		Tail 76 sxs, 158 ft3	
		Circ. Trace of Cement to Surface	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	3881'	Mud Anchor	
31. PERFORATION RECORD (Interval, size and number)			
INTERVAL	SIZE	NUMBER	
3719 - 3723'	0.34"	16	
3689' - 3691'	0.34"	8	
3673' - 3677'	0.34"	18	
3649' - 3650'	0.34"	4	
3646' - 3647'	0.34"	8	
3637' - 3639'	0.34"	8	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
3719' - 3723'	20 BBLS 2% KCL		
3689' - 3691'	50 BBLS 2% KCL		
3673' - 3677'	107 BBLS 2% KCL		
3649' - 3650'	11 BBLS 2% KCL		
3646' - 3647'	Communicated with Zone 6		
33.* PRODUCTION			
DATE FIRST PRODUCTION 03-04-2004	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pumping Equipment		WELL STATUS (Producing or shut-in) Testing
DATE OF TEST 03-04-2004	HOURS TESTED 24	CHOKE SIZE n/a	PROD. FOR TEST PERIOD 0
FLOW. TUBING PRESS. 0	CASING PRESSURE 20	CALCULATED 24-HOUR RATE 0	GAS-MCF. 0
		WATER-BBL. 200	GAS-OIL RATIO N/A
		WATER-BBL. 200	OIL GRAVITY-APT (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 	TITLE Engineering Manager		DATE 6/3/2004

*(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 tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS				
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME MEAS. DEPTH TRUE VERT. DEPTH
Fruitland	1230'			Mud Log Gas Shows in Coal Seams	Nacimientto
Pictured Cliffs	1476'			Mud Log Gas Shows	Fruitland
Lewis Shale	1562'			Mud Log Gas Shows	Pictured Cliffs
Cliffhouse	2210'			Mud Log Gas Shows in Coal Seams	Lewis Shale
Menefee	2430'			Mud Log Gas Shows	Cliffhouse (La Ventana
Pt. Lookout	3753'				Menefee
					Pt. Lookout

W. H. M.