

UNITED STATES N. M. Oil Cons. L. Commission  
DEPARTMENT OF THE INTERIOR 811 S. 1ST ST.  
BUREAU OF LAND MANAGEMENT ARTESIA, NM 88210-2834

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

dsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Santa Fe Energy Resources, Inc.						8. FARM OR LEASE NAME, WELL NO. H. B. "11" Fed. No. 6	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701						9. FIELD WELL NO. 30-015-29585	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (F), 1650' FNL & 1980' FWL, Sec. 11, T-24S, R-29E At total depth						10. FIELD AND POOL, OR WILDCAT Pierce Crossing (Bone Spring), East	
14. PERMIT NO.						DATE ISSUED	12. COUNTY OR PARISH Eddy
15. DATE SPUDDED 5/14/97						16. DATE T.D. REACHED 5/29/97	13. STATE NM
17. DATE COMPL. (Ready to prod.) 8/28/97						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3051' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 8450'		21. PLUG, BACK T.D., MD & TVD 8407'		22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY A11	ROTARY TOOLS CABLE TOOLS N/A
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 8051'-8158' (Bone Spring)							25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express 3 Detector Density/CNL, Azimuthal Laterolog							27. WAS WELL CORED No
28. 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	
13-3/8"	48.0	355'	17-1/2"	400 sx CI "C" (circ'd)		N/A	
8-5/8"	32.0	2974'	11"	1250 sx Poz & C (TOC 10')		N/A	
5-1/2"	15.5 & 17.0	8450'	7-7/8"	900 sx C-Lite & "H"		TOC Surf.	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	7919'	N/A
31. PERFORATION RECORD (Interval, size and number) 8051'-8158' (17 holes) 1 SPF w/4" csg gun				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				8051'-8158'		1500 gals 15% HCl w/ 34 ball sealers.	
						Frac w/46,540 gal gel & 122,400# sand.	
33.* PRODUCTION							
DATE FIRST PRODUCTION 8/28/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9/1/97	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 214	GAS - MCF. 1013	WATER - BBL. 53	GAS - OIL RATIO 4734
FLOW. TUBING PRESS. 2000	CASING PRESSURE 2600	CALCULATED 24-HOUR RATE →	OIL - BBL. 214	GAS - MCF. 1013	WATER - BBL. 53	OIL GRAVITY - API (CORR.) 44.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				TEST WITNESSED BY			
35. LIST OF ATTACHMENTS C-104, Deviation Survey, Logs				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>James M. Cullough</i>				TITLE Sr. Production Clerk		DATE 9/11/97	

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3115	6856	Sandstone, Shale, Limestone			
Cherry Canyon	4052	5608	Sandstone, Shale, Limestone			
Brushy Canyon	5608	6856	Sandstone, Shale, Limestone			
Bone Spring	6856	8450	Limestone, Shale, Sandstone			

JUNE 12, 1997

WELL NAME AND NUMBER:  
LOCATION:  
OPERATOR:  
DRILLING CONTRACTOR:

H. B. 11 FEDERAL #6  
Sec. 14 T12S R33E  
SANTA FE ENERGY  
PATTERSON DRILLING

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>	
0.50	314'	1.75	2740'	2.25	6464'
2.00	780'	2.00	2837'	2.00	6640'
0.50	1248'	1.75	2925'	2.00	6792'
1.25	1558'	2.00	3012'	2.50	7015'
1.75	1967'	1.00	3503'	2.00	7105'
1.25	2116'	1.00	3999'	1.50	7386'
1.50	2245'	1.75	4493'	1.75	7635'
2.00	2432'	1.50	4970'	1.25	7796'
2.00	2552'	1.75	5461'	1.25	8100'
1.25	2645'	1.75	5964'	1.50	8450'

Drilling Contractor: PATTERSON DRILLING

By: Billy Jensen  
Billy Jensen

Subscribed and sworn to before me this 12th day of June, 1997.

My Commission Expires: 10-7-00

Anna Quint