

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

## 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 <u>Re-entry</u>		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <u>Horizontal</u>
2. NAME OF OPERATOR Santa Fe Energy Resources, Inc.						BLM ROSWELL, NM	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701						915/687-3551	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (J), 1650' FSL & 1980' FEL, Sec. 20, T-22S, R-28E At top prod. interval reported below 1554' FSL and 1971' FEL, Sec. 20, T-22S, R-28E At total depth (G), 1777' FNL and 2272' FEL						10. FIELD AND POOL, OR WILDCAT <u>Indian</u> <u>Prav Det</u> <u>Undesignated (Delaware)</u>	
14. PERMIT NO. DD-166(H)		DATE ISSUED 4/2/97		12. COUNTY OR PARISH Eddy		13. STATE NM	
15. DATE SPUDDED 5/15/97	16. DATE T.D. REACHED 5/31/97	17. DATE COMPL. (Ready to prod.) 6/04/97		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3077' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5501', 3586'		21. PLUG, BACK T.D., MD & TVD 3503'		22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD and TVD)* 3503'-3605' TVD / 1878.6' Open hole vertical section (Delaware)						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN N/A						27. WAS WELL CORED No	

## 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
16"	65.0#	390'	20"	575 sx (csg in place)	None
10-3/4"	40.5#	2705'	14-3/4"	2445 sx (csg in place)	None
7-5/8"	29.0 & 33.7	3485'	9-1/2"	Casing in place	None

## LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3438'	3469'

## TUBING RECORD

## 31. PERFORATION RECORD (Interval, size and number)

Open hole vertical section 1878.6'  
Measured depth of open hole 3505'-5501'  
Azimuth 351.07 . TVD 3503'-3605'.

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3637'	100 sx C1 "H"
ACCEPTED FOR RECORD	
JUL 01 1997	

## 33.\* PRODUCTION

DATE FIRST PRODUCTION 6/4/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 6/12/97	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL - BBL. 107	GAS - MCF. 16	WATER - BBL. 264	GAS - OIL RATIO 150
FLOW. TUBING PRESS. N/A	CASING PRESSURE 35	CALCULATED 24-HOUR RATE →	OIL - BBL. 107	GAS - MCF. 16	WATER - BBL. 264	OIL GRAVITY - API (CORR.) 40 deg	

## 34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)

vented

## TEST WITNESSED BY

Mike Ables

## 35. LIST OF ATTACHMENTS

C-104, Directional Survey

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Sr. Production Clerk

DATE 6/23/97

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

## GEOLOGIC MARKERS

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