

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995N.M. Oil Cons. Division  
811 S. 1st Street  
Albuquerque, NM 87102-2834

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME	
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 <input checked="" type="checkbox"/> Re-entry		8. FARM OR LEASE NAME, WELL NO. Old Ranch Knoll 8 Federal #1	
2. NAME OF OPERATOR Santa Fe Energy Resources, Inc.		9. API WELL NO. 30-015-10588	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551		10. FIELD AND POOL, OR WILDCAT Indian Basin (Upper Penn) Assoc.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (D), 841' FNL and 1065' FWL, Sec. 8, T-22S, R-24E At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T-22S, R-24E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5/10/94		16. DATE T.D. REACHED 6/28/94	
17. DATE COMPL. (Ready to prod.) 12/31/94		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4232.5' GR	
20. TOTAL DEPTH, MD & TVD 8352'		21. PLUG, BACK T.D., MD & TVD 8318'	
22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY A11	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 8014' - 8272' (Cisco)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CBL/CNL		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
13-3/8"	48#	357'	17-1/2"	135 sx & 4 yds redi-mix	TOC 90'
9-5/8"	32 & 36#	3500'	12-1/4"	1600 sx circ'd to surf.	None
5-1/2"	15.5 & 17#	8352'	8-3/4"	600 sx (TOC 6450' by TS)	None

## LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
N/A					SIZE 2-7/8"
					DEPTH SET (MD) 7700'
					PACKER SET (MD) N/A

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

8120' - 8272' (19 holes) 4" HCCG gun  
8014' - 8082' (14 holes) 4" HCCG gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8120' - 8272'	8000 gals 20% NeFe acid & 40 ball sealers.
8014' - 8082'	6000 gals 20% NeFe acid

33.\*

## PRODUCTION

DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Submersible pumped 100% water & was pulled				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST N/A	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	

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

## 35. LIST OF ATTACHMENTS

3160-5 Requesting SI status; Logs

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

SIGNED Derry Mc Cullough TITLE Sr. Production ClerkDATE 1/27/97

(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