

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 1004-0137

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
NM 2824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Lotos "10" Federal  
Well #1

9. API Number  
30 015 28572

10. FIELD AND POOL, OR WILDCAT

Bone Springs

SW Cotton Draw BS  
11. SEC. T., R., M., OR BLOCK AND SURVEY  
OR AREA  
Sec 10, T24S, R31E

12. COUNTY OR  
PARISH

Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL

WELL ☒

GAS

WELL ☐

DRY ☐

OTHER ☐

1b. TYPE OF COMPLETION:

NEW

WELL ☐

WORK

OVER ☐

DEEP-

EN ☐

PLUG

BACK ☒

DIFF.

RESVR. ☐

2. NAME OF OPERATOR

Sonat Exploration Co. - Midland

3. ADDRESS OF OPERATOR

110 W. Louisiana, Suite 500, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

10-15-98

15. Date Spudded

7-11-95

16. Date T.D. Reached

10-5-95

17. DATE COMPL (Ready to prod.)

recompletion: 10-26-98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

3506' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

15,350'

21. PLUG, BACK T.D., MD & TVD

15,254'

22. IF MULTIPLE COMPL.,

HOW MANY\*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)\*

Bone Springs @ 11,530-11,548'

25. WAS DIRECTIONAL

SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MLL/ZDL/CN

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	Amount Pulled
13 3/8"	48#	712'	17 1/2"	860 sx	NONE
9 5/8"	40#	4318'	12 1/4"	1825 sx	NONE
7"	26#	11,956'	8 3/4"	2150 sx	

29. LINER RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	11,306	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

11,530-11,548' (18', 72 shots)

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
11,530'-11,548'	2000 gals 7 1/2" NEFE HCL
	50,000 gals 40# XLG w/
	100,000# 20/40 ISP proppant

33. PRODUCTION

DATE FIRST PRODUCTION 10-27-98		PRODUCTION METHOD (Flowing, gas lift, pumping – size and type of pump) pumping				WELL STATUS (Producing or PRODUCING	
DATE OF TEST 11-16-98	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL – BBL 47	GAS – MCF. 83	WATER – BBL 75	GAS-OIL RATIO 1766
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.)

sales

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104

(ORIG. SGD.) DAVID R. GLASS

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

915 684-6381

SIGNED

TITLE Ann E. Ritchie, Regulatory Agent

DATE

11-18-98

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTR: BLM(6) NMOC(1)

RECEIVED  
MAY 20 1988  
ELM  
ROSWELL, NM