

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Artesia, NM

210-2834 approved.

SUBMIT IN DUPLICATE*

Budget Bureau No. 1004-0137

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
NM 29234

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lotos Federal

Well #802

9. API Number

30 015 28654

10. FIELD AND POOL, OR WILDCAT

Wildcat (Delaware Bone Springs)

S. Sand Dunes Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

Sec 8, T24S, R31E

12. COUNTY OR

PARISH

Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL

GAS

WELL ☒

WELL ☐

DRY ☐

OTHER ☐

1b. TYPE OF COMPLETION:

NEW

WORK

DEEP-

PLUG

DIFF.

WELL ☒

OVER ☐

EN ☐

BACK ☐

RESVR. ☐

OTHER ☐

2. NAME OF OPERATOR

Sonat Exploration Co. - Midland

3. ADDRESS OF OPERATOR

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

(915) 684-6381

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

At surface 1980' FSL & 660' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

9-6-95 & 2-17-98

15. Date Spudded

2-8-98

16. Date T.D. Reached

2-23-98

17. DATE COMPL (Ready to prod.)

3-13-98

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

3546' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8340'

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

8250'

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)*

Delaware @ 7998-8020'

25. WAS DIRECTIONAL

SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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
11 3/4"	42#	643'	14 3/4"	590 sx	NONE
8 5/8"	24#	4160'	11"	1525 sx	NONE
5 1/2"	17#	8340'	7 7/8"	1250 sx	

29. LINER RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7687'	

31. PERFORATION RECORD (Interval, size and number)

Delaware @ 7998-8020', w/4 JSPF

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

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
7998-8020'	1500 gals 7 1/2% HCL, 132 BS
	32,000 gals 30# Borate XLG
	2% KCL & 120,000# 20/40 sd

33.* PRODUCTION

DATE FIRST PRODUCTION 3-15-98		PRODUCTION METHOD (Flowing, gas lift, pumping – size and type of pump) pumping				WELL STATUS (Producing or PRODUCING)	
DATE OF TEST 3-21-98	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL – BBL. 82	GAS – MCF. 128	WATER – BBL. 129	GAS-OIL RATIO 1560
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

Logs & deviation

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

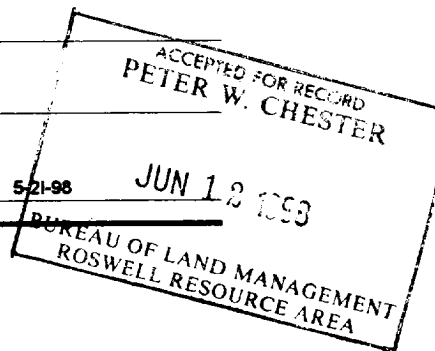
DATE

5-21-98

*(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(5) NMOC(1)



5-21-88

Sonat Exploration Co.-Midland

Lotos Federal #802, API # 30 015 28654

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.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH SubSeaDepth
Upper Brushy Canyon Lower Brushy Canyon	'6545' 7900'	7375' 8140'	Silt, sand, shale Silt, sand, shale	Rustler Salado Salt Salado Salt(Lose) Delaw Mtn. Grp. Cherry Canyon Brushy Canyon Bone Spring Lm.	648' 1041' 4120' 4341' 5277' 6529' 8178'	

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