

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

CISF

OIL CONSERVATION DIV
811 S. 1st ST. ST. LOUIS, MO 63102
ARTESIAN, NM 88210-2834

3. LEASE DESIGNATION AND SERIAL NO.

NM 169369

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

SOTAL FEDERAL NO. 3

9. API WELL NO.

30-015-28651

10. FIELD AND POOL, OR WILDCAT

Mesa Verde
Delaware (Delaware)

11. SEC., T., R., M., OR BLOCK AND SUBSET OR AREA

SEC. 1 T 245/R31E

12. COUNTY OR PARISH

Eddy

13. STATE

N. Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other

2. TYPE OF COMPLETION: NEW WELL WIPER DRIFT FLOR DIFF. Other

2. NAME OF OPERATOR

SONAT EXPLORATION COMPANY 915-684-0400

3. ADDRESS AND TELEPHONE NO.

110 W. LOUISIANA STE 500 MIDLAND, TEXAS 79701

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

At surface 990' FNL; 1980' FEL FNL

At top prod. interval reported below

At total depth

14. PERMIT NO. NA DATE ISSUED NA

15. DATE SPUDDED

9-18-95

16. DATE T.D. REACHED

10-4-95

17. DATE COMPL. (Ready to prod.)

10-22-95

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

3531' KB

19. ELEV. CASINGHEAD

3517 GL

20. TOTAL DEPTH, MD & TVD

8600'

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

8560'

22. IF MULTIPLE COMPL., HOW MANY?

NA

23. INTERVALS DRILLED BY

ACCEPTED FOR RECORD 8600'

24. CABLE TOOLS

NONE

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

DELAWARE 8284'-8319'

AS 8 1995

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

ZDL / CN / GR / DIL

27. WAS WELL COILED

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
11 3/4" WC 40	42#	872'	14 3/4"	590 SX CLASS C CIRC 1095X	NONE
8 5/8" J-55	24#	4400'	11"	1270 SX PACE SET LIFE "C" 200 SX CLASS "H" CIRC 2625	NONE
5 1/2" J-55	15.50# 4.17#	8,600'	7 7/8"	720 SX 56/30 827 "H" 4620 SX 330 827 "H" CIRC 446 SX 200 SX CLASS "H" TOC 2800 by CAL	NONE

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACK CEMENT*	SCREEN (MD)

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8526'	NA

31. PREPARATION RECORD (Intruder, part and number)

8284'-8319' (2 JS PR)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	1500 GALS. 15% NEEF ACID
	22800 LBS SAND

RECEIVED

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
10-26-95	ROO Pump 1 1/2"	Producing					
DATE OF TEST	HOLES TESTED	CROCK SIZE	PROD'R. FOR TEST PERIOD	OIL—BBL	WATER—BBL	GAS—MCF	GAS-OIL RATIO
12-5-95	24	NA	→	99	99	256	1.000
FLOW. FORMING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
—	30	→	99	99	256	420	

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

SOLD

TEST WITNESSED BY

Les Johns

35. LIST OF ATTACHMENTS

Deviation Survey / 2 sets Logs

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

SIGNED K. Glenn Carter TITLE SR. DRILLING & PROD. ENGINEER DATE 12/06/95

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