

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
#3449

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- CO ₂	7. Unit Agreement Name N/A
2. Name of Operator Sofia Exploration Company	8. Farm or Lease Name Roxana State
3. Address of Operator 611 Mayo Building, Tulsa, OK 74103	9. Well No. #1
4. Location of well UNIT LETTER <u>F</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>36</u> TOWNSHIP <u>26N</u> RANGE <u>29E</u> NMPM.	10. Field and Pool, or Wildcat Rank Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 6192' (GL)	12. County Union

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Perforation, stimulation, plug-back</u> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1/21/87: Run CBL/GR/CCL on well, top of cement located @ 930'. Perforate 3144'-3154'

1/23/87: 2 HPF. Stimulate w/ 1500 gals. 12-3 HCl:HF acid w/ balls through 2-7/8" tubing

1/24/87: w/ packer. Swab test results indicate zone non-commercial.

1/25 to 1/28/87: Perforate 2820'-2832', 2 HPF. Stimulate w/ 1700 gals. 12-3 HCl:HF acid w/ balls. Swab test indicates non-commercial. Packer stuck in hole @ 2780' and retrievable bridge plug set @ 2913'. Receive verbal approval to cut tubing on 1/27/87. Cut tubing w/ jet cutter 21' above packer. Set CIBP @ 2740' and bailed 5 sx. neat Class H on plug. Plug back depth 2700'. See completion report for schematic diagram.

1/29 to 1/31/87: Perforate 1880'-1892', 2 HPF. Stimulate w/ 20 tons CO₂ w/ balls. Flow test through tbg. & pkr. via critical flow prover (2") w/ 3/16" plate. Highest rate estimated at 27 MCFD.

2/1 to 2/2/87: Perforate 1652'-1744', random intervals, 54' net perfs, 2 HPF. Treat w/ 6,000 gals. 12-3 HCl:HF w/ balls through tbg. & pkr. Flow test through tbg. w/ 2" prover on 1/4" plate, estimate flow @ 45 MCFD. (CONTINUED ON ATTACHED PAGE)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Steve Stocking TITLE Engineer DATE 3/2/87

APPROVED BY Ray E. Johnson TITLE DISTRICT SUPERVISOR DATE 6-10-87

CONDITIONS OF APPROVAL, IF ANY: