

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

Form C-103  
Revised 10-1-77

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

**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 - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-  
2. Name of Operator  
Mates Petroleum Corporation  
3. Address of Operator  
207 South 4th St., Artesia, NM 88210  
4. Location of Well  
H 1980 North 660  
5. UNIT LETTER H FEET FROM THE LINE AND 660 FEET FROM  
6. East LINE, SECTION 21 TOWNSHIP 9S RANGE 32E NMPM.

7. Unit Agreement Name  
8. Farm or Lease Name  
Buffalo Wallow LA Com  
9. Well No.  
1  
10. Field and Pool, or Wildcat  
Undesignated  
12. County  
Lea

15. Elevation (Show whether DF, RT, GR, etc.)  
4359.8' GR

**Check Appropriate Box To Indicate Nature of Notice, Report or Other Data**  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER <u>Perforate &amp; treat</u> <input checked="" type="checkbox"/>	

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.

11900'; PBTD 11834 WIH w/casing gun on wireline & perforated 11412-11420' w/32 .34" holes (1000 spf). Ran packer & tubing dry. Set packer at 11384'. Acidized perforations 11412-20' w/1000 gallons 7-1/2% MS acid & nitrogen. Bled well down. Made swab run. Found no fluid in hole. Pulled packer & tubing. WIH w/casing gun on wireline & perforated 11725-11734' w/10 .34" holes. Ran packer & tubing dry. Set packer at 11677'. Small blow. Made swab run. No fluid in hole. Acidized perforations w/1000 gallons DS-30 & N<sub>2</sub> plus 8 ball sealers. Recovered load. Bled well down. Swabbed well.  
11900'; PBTD 11465' Pulled tubing & packer. Ran CIBP & set at 11500'. Dumped 35' of cement on top of plug. Ran cement retainer & set at 11370'. Prep to run tubing & stringer to squeeze perforations 11412-420'. Ran tubing w/stringer. Cemented perforations 11412-11420' to 5300 psi. Pulled up out of stringer. Circulated cement out. Pulled tubing. WIH w/casing gun on wireline & perforated 11242-11246' w/16 .34" holes. Ran tubing & packer dry. Set packer at 11209'. Made swab run. Well unloaded fluid. Stabilized well at 90 psi on 1/2" positive stroke = 564 mcfpd.

Squeezed perforations 11412-11420' w/75 sacks Class H cement.

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

Jerry Sexton TITLE Engineering Secretary DATE Jan. 28, 1981  
Original Signed By  
Jerry Sexton  
Dist. 1, Suite 1  
DATE FEB 1 1981  
COPIES OF APPROVAL, IF ANY: