

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. K-5115

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN 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 <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Yates Petroleum Corporation	8. Farm or Lease Name Stonewall EP State
3. Address of Operator 207 South 4th St., Artesia, NM 88210	9. Well No. 6
4. Location of Well UNIT LETTER C 990 FEET FROM THE North LINE AND 2080 FEET FROM THE West LINE, SECTION 30 TOWNSHIP 20S RANGE 28E NMPM.	10. Field and Loc., or Wildcat E. Avalon Bone Spring Gas
11. Elevation (Show whether DF, RT, GR, etc.) 3278' GR	12. County Eddy

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"/>	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"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER Perforate, Treat <input checked="" 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.

TD 5100'; PBTD 5040'. Squeezed perms 2614-18' w/145 sx Class C 2% CaCl<sub>2</sub> and .3% CFR-2 to 2000#. Squeezed perms 2715-19' w/140 sx Class C 2% CaCl<sub>2</sub>, .3% CFR-1 to 2000#. Drilled perms 2614-18' and 2715-19'. Tested to 2000#. Rigged up new unit and started drilling out. Drilled out squeeze at 3610'. Continued drilling. Pressure tested perms 3837-79' to 2000#, 750# pressure drop in 1 minutes. Resqueezed perms 3785-93 and 3837-79' w/50 sx Class C 2% CaCl<sub>2</sub>, .3% CFR-1. Squeezed to 3000#, OK. Pressure tested perms 2614-18' to 3000#. Continued drilling. Drilled to 4550'. Tested perms 4528-38' to 1400#. Squeezed perms 4528-4604' w/75 sx Class C 2% CaCl<sub>2</sub> + .2% CFR-1, 3% Halad-9. Squeezed to 3500#. Found leak at perms 4004-18'. Squeezed w/75 sx Class C 2% CaCl<sub>2</sub>, .3% CFR-1. Squeezed to 3000#, OK. Drilled out cement retainer at 4625'. Circulated clean. Pressure tested to 2000#. Drilled out cement retainer at 4675'. Circulated clean. Drilled out perms 4703-33'. Tested to 5000#. WIH and perforated 4983-92' w/10 .42" holes as follows: 4983, 84, 85, 86, 87, 88, 89, 90, 91 and 92'. Acidized perms 4983-92' w/2500 gals 15% NEFE acid, N<sub>2</sub> and 8 ball sealers. Flowed back and swabbed well. Frac'd perms 4983-92' w/20000 gals gelled KCL, 10000 gals CO<sub>2</sub>, 60000# 20/40 sand. Well cleaned up and flowed 450# on 34/64" choke = 2943 mcfpd.

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

SIGNATURE <i>Mike Williams</i>	TITLE Production Supervisor	DATE 4-22-85
APPROVED BY <i>Mike Williams</i>	TITLE Oil & Gas Inspector	DATE APR 25 1985
CONDITIONS OF APPROVAL, IF ANY:		