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NEW MEXICO OIL CONSERVATION COMMISSION

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SEP 26 1978

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL FORM C-101 FOR SUCH PROPOSALS.)</p>		<p>5a. Indicate Type of Lease</p> <p>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
<p>6. Name of Operator</p> <p>Harvey E. Yates Company</p>		<p>7. Unit Agreement Name</p>
<p>8. Address of Operator</p> <p>P. O. Box 1933, Roswell, New Mexico 88201</p>		<p>8. Firm or Lease Name</p> <p>Mobil 21 State</p>
<p>9. Location of Well</p> <p>UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>21</u> TOWNSHIP <u>23S</u> RANGE <u>27E</u> N.M.P.M.</p>		<p>9. Well No.</p> <p>2</p>
<p>10. Elevation (Show whether DF, RT, GR, etc.)</p> <p>3162.4' GL</p>		<p>10. Field and Pool, or Wildcat</p> <p>Und. S. Carlsbad Morro</p>
<p>11. County</p> <p>Eddy</p>		

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

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

<p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/></p> <p>OTHER <u>Perforate and acidize</u> <input checked="" type="checkbox"/></p>	<p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>
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12. 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.

8-19-78 Tested 5 1/2" casing to 2500 psi - 30 min - OK. Spotted 250 gals 10% acetic acid 12000' - 11732' KB.

8-22-78 Perforated 5 1/2" casing from 11960' to 11971' KB w/one 0.50" dia. holes/ft. Total 12 holes.

8-23-78 A/250 gals 10% acetic. Formation broke @ 2000 psi and displaced acid @ 3 B/M @ 3800 psi. ISIP 2800 psi. 10 min SIP 640 psi.

8-26-78 Re-acidized w/3000 gals 7 1/2" Morrow type acid w/1000 SCF N₂ per bbl @ 4.8 B/M @ 6000 psi. ISIP 5000 psi. 10 min SDP 3710 psi.

8-27 - 9-10-78 Swabbed and flow tested well. Flowed gas TSTM and formation water. Water analysis:

Na	20,541 ppm	PH	6.700
CA	2204	SpGr	1.040
Mg	607	RW	0.121 @ 70° F
Cl	37,275		
SO ₄	100		
HCO ₃	60		

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

SIGNED Peck T. Lander TITLE Engineer DATE 9-22-78

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 27 1978

CONDITIONS OF APPROVAL, IF ANY: