

NEW MEXICO OIL CONSERVATION COMMISSION

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5. Indicate Type of Lease	State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
6. State of this Lease	Fee
7. Unit Agreement Name	
8. Farm or Lease Name	Graves
9. Well No.	#6
10. Field and Pool, or Wildcat	Cato-San Andres
12. County	Chaves

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.
(APPLICATION FOR PERMIT - FORM C-101 - FOR SUCH PROPOSALS.)

1. Name of Operator	Harvey E. Yates Company, Inc.
2. Address of Operator	Suite 1000 Security National Bank Bldg., Roswell, New Mexico 88201
3. Location of Well	UNIT LETTER 0 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 8S RANGE 31E NMPM.

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

4212.1' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	OTHER	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>	PLUG AND ABANDONMENT	<input type="checkbox"/>
CASING TEST AND CEMENT JOB	<input type="checkbox"/>		
OTHER	Logging and perforating		<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.

3-11-77 Rigged up Vann Tool. Ran Gamma Ray Neutron log from 3824' KB to 2323' KB. Perforated 4 1/2" casing with one jet shot per foot @ 3650', 3653', 3694', 3708', 3711', 3717', 3718', 3730', 3763', 3766', 3773', 3775', 3804 and 3806'. Ran Baker retrievable bridge plug, Model R packer & 115 joints 2 3/8" OD tubing and hung @ 3400'.

3-12-77 Shut down.

3-13-77 Finished running tubing, packer and RBP in hole. Set RBP @ 3815'. Displaced fresh water out of hole with 3% KCL water. Pumped 250 gals acid to spot. Pulled up and tried to set packer @ 3785'. Packer failed.

Perforations:

1st stage - 3804' - 3806'. Formation broke @ 1600 and treated @ 1/2 BBL per minute @ 1300 psig. ISIP - Vac.
2nd stage - 3763' - 3775'. Treated with 250 gals 15% NE. Formation broke @ 1200 psig. Treated @ 1.5 BBL per minute @ 1050 psig. ISIP 750. 1 minute SDP - Vac.

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

SIGNED _____ TITLE Vice President DATE March 17, 1977
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 8 1977

CIL OF ...
50888, 11. 11.