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NEW MEXICO OIL CONSERVATION COMMISSION

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

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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.

SEP 26 1978

OIL WELL ☐	GAS WELL ☒	OTHER ☐	5a. Indicate Type of Lease State ☒ Fee ☐
Name of Operator Harvey E. Yates Company ✓			5. State Oil & Gas Lease No.
Address of Operator P. O. Box 1933, Roswell, N. M. 88201			7. Unit Agreement Name B.E.C. ARTESIA, OFFICE
Location of Well 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.			8. Farm or Lease Name Mobil 21 State
			9. Well No. 2
			10. Field and Pool, or Wildcat Und. S. Carlsbad Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3162.4' GL			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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	
		OTHER <u>Squeeze perfs and drill out</u> ☒ <u>Acidize</u>	

11. 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.

9-12-78 Set E-Z Drill SV Retainer @ 11870' KB and squeezed Morrow perfs 11960' - 11971' KB w/75 Sxs C1 "H", w/0.6% Halad 9 and 50 Sxs C1 "H" w/0.5% CFR-2 and 3 lbs Salt/Sx. Max squeeze pressure 5000 psi. Job complete 11:00 AM 9-12-78.

9-13 - 9-14-78 Drilled out E-Z Drill Retainer and hard cement 11870' to 11981' KB. Cleaned out 5 1/2" casing to 12245' KB. Pressure tested casing to 2200 psi/30 min. OK. Displaced casing w/3% KCL water and spotted 200 gals 10% acetic from 12233' to 12018' KB.

9-15-78 Perforate 5 1/2" casing from 12,200' to 12,212' (12 Shots) and 12,222' to 12,230' KB (8 Shots) - Total 20 - 0.50" dia holes. Set 5 1/2" Baker Lok-Set packer on 2 3/8" OD EUE N-80 tubing @ 12,124' KB. Formation broke @ 2300 psi. Displaced 200 gals 10% acetic acid @ 2 1/4 B/M @ 3150 psi. ISDP 1700 psi. 10 min SIP 900 psi.

9-18-78 Re-acidized w/5000 gals 7 1/2% MSR 150 w/30 ball sealers and 1000 SCF N₂/bbl @ 6.4 B/M @ 6600 psi. ISIP 3700 psi. 10 min SIP 3250 psi.

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

SIGNED Peter T. Hardie TITLE Engineer DATE 9-22-78

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

CONDITIONS OF APPROVAL, IF ANY: