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NEW MEXICO OIL CONSERVATION COMMISSION

SEP 18 1976

O. C. C.
ARTESIA, OFFICE

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-648-131	
7. Unit Agreement Name	
8. Farm or Lease Name	
Artesia Metex Unit	
9. Well No.	
1 61	
10. Field and Pool, or Wildcat	
Artesia	
12. County	
Eddy	

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>
2. Name of Operator Yates Drilling Company
3. Address of Operator 207 South 4th Street - Artesia, NM 88210
4. Location of Well UNIT LETTER <u>A</u> <u>270</u> FEET FROM THE <u>North</u> LINE AND <u>1050</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3565' GR

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 JOB <input checked="" type="checkbox"/>	OTHER <input 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.

Spudded an 11" hole at 2:00 PM 7-27-76.

TD 510'. Ran 21 joints (503.62') of 8-5/8" 24# J-55 casing set at 505' GR. Cemented w/175 sacks of Class "C" 2% CaCl. PD 6:50 AM 7-28-76. Cement circulated WOC 12 hours, nipples up and tested BOP's to 1000#. OK. Reduced hole to 7-7/8" and drilled plug and tested to 600#. OK. Resumed drilling.

Using Option 2 of Rule 107 to compute compressive strength:

- (1) - Cement slurry = 175 sacks Lone Star SR Incor API Class "C" w/2% CaCl.
 - (2) - Approximate temperature of cement slurry when mixed.
 - (3) - Estimate minimum formation temperature in zone of interest 70 deg. F.
 - (4) - Estimate of cement strength at time of casing test 865 psi at 12 hours *
 - (5) - Actual time cement in place prior to beginning to drill plug 12 hours.
- Actual time cement in place prior to testing casing 13-3/4 hrs.

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

SIGNED Peyton Yates TITLE Engineer DATE 9-8-76
APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE SEP 13 1976

CONDITIONS OF APPROVAL, IF ANY:

* Estimate of cement strength based on actual lab test conducted by Lone Star Industries, Inc. on API Class C 2% CaCl at 70 deg F 200 psi