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NEW MEXICO OIL CONSERVATION COMMISSION  
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Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

JAN 14 1980

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. L-4283
7. Unit Agreement Name
8. Farm or Lease Name Cottonwood Ranch MK S
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Abo
12. County Chaves

SUNDRY NOTICES AND REPORTS ON WELLS. D.  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL ON TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER-
2. Name of Operator Yates Petroleum Corporation
3. Address of Operator 207 South 4th Street - Artesia, NM . 88210
4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>36</u> TOWNSHIP <u>6S</u> RANGE <u>25E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3752' GR

16. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Set Prod.csg,perf.,treat</u> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <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 1703.

TD 5300' - Ran 132 joints of 4½" 9.5# R3 8 rd (5306') of casing set at 5300'. Cemented w/250 sacks Halliburton Lite cement w/40% CFR-2, 2/10% Halad-22, 3#/sack KCL, 450 sacks Class C 50/50 poz w/2% gel, 4/10% CFR-2, 2/10% Halad - 22 3#/sack KCL. PD 12:30 PM 12-6-79. WOC and tested to 1000#. OK. Ran Temperature Survey and found top of cement at 3080'; PBTD 5318' (or TD 5318')

TD 5318' - WIH w/casing gun on wireline and perforated 5217-5249' w/10 .45" holes. WIH w/Guiberson Uni VI packer on 2-7/8" tubing, set packer at 5177' and treated perforations w/1000 gallons 15% Spearhead acid and ball sealers. Swabbed and swabbed dry. No shows.

TD 5318' - WIH w/CIBP set at 5160', dumped 35' of cement on top of plug. WOC. WIH w/casing gun on wireline and perforated 3809-3824' w/30 .50" holes (2spf). POOH. WIH w/Guiberson packer on 2-7/8" tubing, set packer at 3764'. Sand Frac'd perforations 3809-3824' w/20000 gallons Titan II-30, 2000 gallons 15% DS-30 acid; 6000 gallons CO2; 60000# sand; 50000# 20-40 sand; 10000# 100 mesh w/ball sealers. Well cleaned up and flowed 150# on 1/2" choke = 980 MCFPD

TD 5318'; PBTD 5125'

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

SIGNED [Signature] TITLE Geol. Secty DATE 1-10-80

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JAN 15 1980

CONDITIONS OF APPROVAL, IF ANY: