

**N.M.O.C.D. COPY**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate\*  
(Other instruction on reverse side)

Form approved.  
Budget Bureau No. 42-01424.

*file*

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>NM-36500</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
		7. UNIT AGREEMENT NAME
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		8. FARM OR LEASE NAME <b>Cotton MX Federal</b>
2. NAME OF OPERATOR <b>Yates Petroleum Corporation</b>		9. WELL NO. <b>1</b>
3. ADDRESS OF OPERATOR <b>207 S. 4th St., Artesia, NM 88210</b>		10. FIELD AND POOL, OR WILDCAT <b>Und. Boyd Morrow</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) <b>At surface</b>  <b>810 FNL &amp; 2180' FWL of Section 14-19S-25E</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Unit C- Sec. 14-19S-25E</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3430' GR</b>	12. COUNTY OR PARISH <b>Eddy</b>
		13. STATE <b>NM</b>

**RECEIVED**  
**SEP 8 1980**  
**U.S. GEOLOGICAL SURVEY**  
**ARTESIA, NEW MEXICO**  
**SEP 11 1980**  
**O. C. D.**  
**ARTESIA, OFFICE**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Production Casing</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		<small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**TD 9480'** - Ran 227 joints of 5-1/2" 17# & 15.5# casing as follows: 22 joints of 5-1/2" N-80 17# LT&C (890'); 46 joints 5-1/2" K-55 17# LT&C (2000'); 122 joints 5-1/2" 15.5# K-55 ST&C (4988'); 17 joints 5-1/2" 15.5# K-55 LT&C (700'); 20 joints 5-1/2" 17# K-55 LT&C (910'). Total 9488' of casing set at 9480'. 1-Guide shoe at 9480'. Dif-fill float collar 9440'. Used 10 centralizers. Cemented w/250 gallons mud flush, 2% KCL, 300 sacks Class H, .3% Halad 22, .6% CFR2 & 5#/sack KCL. PD 1:30 PM 6-26-80. WOC & tested to 1000#, OK. Top of cement at 8500'.

**PBTD 9440'** WIH w/casing gun on wireline & perforated 9321-28' w/28 .50" holes (4 SPF). Swabbed - no fluid. POOH. WIH w/Baker Lok-Set packer on 2-7/8" tubing, set packer at 9282'. Treated perf's w/2000 gallons 7-1/2% acid & nitrogen. Swabbed well dry & stabilized at 100# on 1/8" choke = 39 mcfpd.

Frac'd perforations 9321-28' w/20000 gallons MS frac fluid & 10000 gallons CO<sub>2</sub>, 45000# 20-40 sand & 10000# 100 mesh sand. Swabbed well, recovered load, and stabilized at 156 psi on 1/4" positive choke = 249 mcfpd.

18. I hereby certify that the foregoing is true and correct

SIGNED Albert R. Hall TITLE Engineer DATE Sept. 5, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

**ACCEPTED FOR RECORD**  
*P. Chestnut*  
**SEP 9 1980**  
**U.S. GEOLOGICAL SURVEY**  
**ROSWELL, NEW MEXICO**

\*See Instructions on Reverse Side  
 U.S. GEOLOGICAL SURVEY  
 ROSWELL, NEW MEXICO