

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION **RECEIVED**

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

DEC 19 '88

O. C. D.

ARTESIA OFFICE

Form C-103
Revised 10-1-78

API #30-005-62644

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fed <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG 8138	

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator	Hard as Nails State Unit
Yates Petroleum Corporation ✓	8. Farm or Lease Name
3. Address of Operator	Hard as Nails State Unit
105 South 4th St., Artesia, NM 88210	9. Well No.
4. Location of Well	2
UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM	10. Field and Pool, or Wildcat
THE <u>East</u> LINE, SECTION <u>27</u> TOWNSHIP <u>9S</u> RANGE <u>26E</u> NMPM.	South Pecos Slope Abo
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3800.5' GR	Chaves

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 OPS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Production Casing, Perforate, 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 1103.

TD 5100'. Reached TD 12:45 PM 12-9-88. Ran 122 joints 4-1/2" 9.5# J-55 ST&C casing, set 5100'. Regular guide shoe set 5100', float collar set 5058'. Cemented w/500 gals Excella Gel, 500 gals SureBond, 400 sx 65/35 "C" Poz II, .7% CF-1, 1/4# Celloseal and 5#/sx salt (yield 1.39, weight 14.2). PD 7:15 PM 12-10-88. Bumped plug to 1500 psi, released pressure, float and casing held okay. WOC 18 hrs. Perforated 4813-26' w/26 .42" holes (2 SPF). Acidized perforations 4813-26' w/1000 gals 7 1/2% acid and ball sealers. Frac'd perforations 4813-26' w/40000 gals gelled 2% KCL water and 70000# 20/40 sand.

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

SIGNED Mike Williams TITLE Production Supervisor DATE 12-16-88

Original Signed By
Mike Williams

APPROVED BY _____ TITLE _____ DATE DEC 27 1988

CONDITIONS OF APPROVAL, IF ANY: