

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG 3998

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

RECEIVED

AUG 18 1981

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator		
Yates Petroleum Corporation /		
Address of Operator		
207 South 4th St., Artesia, NM 88210		
Location of Well		
UNIT LETTER	C	660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 20 TOWNSHIP 19S RANGE 24E NMPM.

7. Unit Agreement Name
8. Farm or Lease Name
Hogback PO State Com
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat
12. County
Eddy

15. Elevation (Show whether DF, RT, GR, etc.)

3764' 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"/>
TEMPORARILY ABANDON	<input type="checkbox"/>
PLUG OR ALTER CASING	<input type="checkbox"/>
OTHER	<input type="checkbox"/>

PLUG AND ABANDON	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>
OTHER	<input type="checkbox"/>

REMEDIAL WORK	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>
CASING TEST AND CEMENT JOBS	<input type="checkbox"/>
OTHER	<input checked="" type="checkbox"/>

ALTERING CASING	<input type="checkbox"/>
PLUG AND ABANDONMENT	<input type="checkbox"/>
OTHER	<input checked="" type="checkbox"/>

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.

8690'- Ran 247 jts of 4-1/2" 10.5# & 11.6# LT&C & ST&C casing as follows: 35 jts of 4-1/2" 11.6# LT&C; 163 jts of 4-1/2" 10.5# ST&C & 50 jts of 4-1/2" 11.6# LT&C (total 8696.42') of casing set at 8690'. 1-diff fill shoe at 8690'. No float. Cemented w/35 sacks 75-25 Poz, .6% D-112 fluid loss, .3% D-65 Tic, 5# KCL, 800 sacks 50-50 Lite Poz III C, .6% D-112 fluid loss, .3% D-65 Tic & 5# KCL/sack. PD 1:45 PM 3-12-81. Bumped plug to 500 psi, released pressure & float held okay. Ran Temperature Survey & found top of cement at 5500'. PBTD 8678'. RH w/casing gun on wireline & perforated 6886-7037' w/44 .40" holes as follows: 6886-6890'; 6893-6900'; 6903-6906'; 6908-6911' & 7032-7037'. Set RBP below perfs & spotted acid. Set packer above perfs 7032-37 & treated zone w/1000 gals 15% DS-30 acid. Unset packer & RBP & moved up hole & acidized perfs 6886-6911' w/2500 gals 15% DS-30 acid. Set RBP at 7079' & circulated well clean. Moved packer up hole & set at 6857'. Recovered load. WIH w/casing gun on wireline & perforated 6502-6564' w/21 .40" holes as follows: 6502-6505'; 6524-6532'; 6540-6544' & 6562-6564'. Ran tubing & packer open ended to bottom perfs. Spotted acid across perfs & broke down zones. Ran RBP below perfs & set at 6587'. Pulled packer above perfs & set at 6460'. Treated perfs w/3000 gals 15% DS-30 acid & nitrogen plus 20 ball sealers. Pulled packer & RBP. Ran RBP back & set at 6400' & tested. POOH. WIH w/casing gun on wireline & perforated 6315-6349' w/17 .40" holes as follows: 6315-6319' w/5 shots & 6343-6349' w/12 shots. Ran packer open ended & set at 6289'. Swabbed well. Show of gas. Acidized perfs 6315-49' w/2000 gals 15% DS-30 acid & N2 plus 15 ball sealers. (cont'd)

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

BY Engineering Secretary TITLE Engineering Secretary DATE 8-12-81

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT 11 DATE AUG 20 1981

CONDITIONS OF APPROVAL, IF ANY:

Page 2

Hogback PO State Com #1 - LG 3998  
660 FNL & 1980 FWL, Sec. 20-19S-24E  
Eddy County, New Mexico

Released packer & RBP. Moved RBP below all existing perfs & set at 7079'. Set packer above all perforations at 6289'. Swabbed well. Pulled packer & tubing. WIH w/casing gun on wireline & perforated 8064-8069' w/10 .40" holes. Ran packer & tubing dry. Set packer at 8022' & flanged up. Acidized perfs w/2500 gals 7½% MS acid, nitrogen & 5 ball sealers. Frac'd perforations 8064-69' w/1000 gals 15% NE acid followed w/20000 gals gelled water & 121 bbls CO<sub>2</sub> w/24000# sand (5000# 100 mesh & 19000# 20/40 sand).

Well cleaned up and stabilized at 148 psia on 1/4" choke = 215 mcfpd.