

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

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

## 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 -		7. Unit Agreement Name
2. Name of Operator <b>Deane H. Stoltz</b>		8. Farm or Lease Name <b>Bell</b>
3. Address of Operator <b>c/o Oil Reports &amp; Gas Services, Box 763, Hobbs, New Mexico</b>		9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>H</b> , <b>1980</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE, SECTION <b>21</b> TOWNSHIP <b>11 S</b> RANGE <b>33 E</b> NMPM.		10. Field and Pool, or Wildcat <b>Undes. (No. Bagley)</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>4268.3</b>		12. County <b>Lea</b>

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"/>	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 checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <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 5:00 P. M. 2/26/65. Cemented new 10 3/4" 32.75# H-40 casing at 369 feet with 350 sacks Pozmix Incon cement. Cement circulated. Plug down 12:01 A. M. 2/27/65. WOC 24 hours and pressure tested with 600# for 30 minutes, test O.K.

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

SIGNED *A. L. Smith* TITLE Agent DATE March 12, 1965

APPROVED BY *[Signature]* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

The first part of the paper is devoted to the study of the  
 properties of the function  $f(x)$  defined by the equation  

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for  $x \in \mathbb{R}$ . It is shown that  $f(x)$  is an odd function and  
 that  $f(x) \in C^1(\mathbb{R})$ . Moreover, it is proved that  

$$f'(x) = \frac{1}{1+x^2}$$
 for all  $x \in \mathbb{R}$ . The second part of the paper is devoted to  
 the study of the function  $g(x)$  defined by the equation  

$$g(x) = \int_0^x \frac{t}{1+t^2} dt$$
 for  $x \in \mathbb{R}$ . It is shown that  $g(x)$  is an even function and  
 that  $g(x) \in C^1(\mathbb{R})$ . Moreover, it is proved that  

$$g'(x) = \frac{x}{1+x^2}$$
 for all  $x \in \mathbb{R}$ .

The third part of the paper is devoted to the study of the  
 function  $h(x)$  defined by the equation  

$$h(x) = \int_0^x \frac{t^2}{1+t^2} dt$$
 for  $x \in \mathbb{R}$ . It is shown that  $h(x)$  is an even function and  
 that  $h(x) \in C^1(\mathbb{R})$ . Moreover, it is proved that  

$$h'(x) = \frac{x^2}{1+x^2}$$
 for all  $x \in \mathbb{R}$ .