

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

0/51

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

1. Lease Serial No.  
NM LC 070003

2. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Lowe Federal #1

9. API Well No.  
30 015 1006300

10. Field and Pool, or Exploratory Area  
Tamano/San Andres

11. County or Parish, State  
Eddy County, NM

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
W. A. & E. R. Hudson Inc. ✓

3a. Address  
616 Texas Street, Ft. Worth, TX 76102

3b. Phone No. (include area code)  
817 336 7109

4. Location of Well (Footage, Sec., T, R, M., or Survey Description)  
UL P 660' FSL & 660' FEL Sec 35 T17S R31E

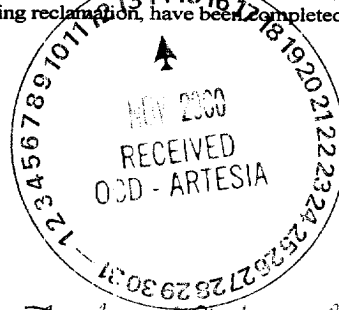
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

We propose to P&A this well with the following procedure:

- TIH with 5 1/2" CIBP & set @ 4250'
  - Circulate casing with 9.5lb brine gel
  - Spot 25 sks Class C cement 14.8#, 1.32 yield from 4250' - 4000'
  - Spot 30 sks @ base of Salt 2050' - 1750' & tag
  - Spot 25 sks @ top of Salt & cover surface casing shoe 1140' - 890' & tag
  - Perforate the 5 1/2" casing @ 350'
  - Circulate 90 sks cement thru perfs @ 350' to surface
  - Install dry hole marker & clean up location
- Plug needs to be in behind the 5 1/2" cat  
Perf squeeze holes at 1098'  
Spot minimum 50' cement surface casing.*



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

Name (Printed/Typed) E. Randall Hudson III Title Geologist

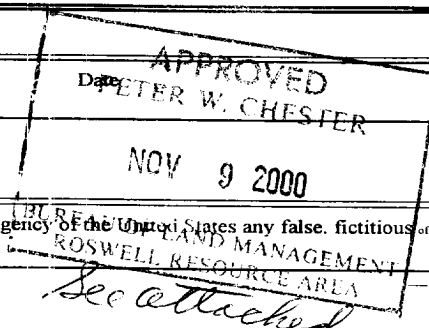
Signature *[Signature]* Date September 18, 2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_



Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly, and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

William A. + EDWARD R. Hudson

LOWE FEB-1

102 BBL BRINE GEL CIR 5 1/2 CASING

$255 \text{ SS} \times 1.32 \times 1.1781 = 5.8 \text{ BBL Slurry Plug } \textcircled{1}$

$255 \text{ SS} \times 6.3\% \times 42 = 3.75 \text{ BBL To mix}$

$305 \text{ SS} \times 1.32 \times 1.1781 = 7.0 \text{ BBL Slurry Plug } \textcircled{2}$

$305 \text{ SS} \times 6.3\% \times 42 = 4.50 \text{ BBL To mix}$

$255 \text{ SS} \times 1.32 \times 1.1781 = 5.8 \text{ BBL Slurry Plug } \textcircled{3}$

$255 \text{ SS} \times 6.3\% \times 42 = 3.75 \text{ BBL To mix}$

$905 \text{ SS} \times 1.32 \times 1.1781 = 21.1 \text{ BBL Slurry Plug } \textcircled{4}$

$905 \text{ SS} \times 6.3\% \times 42 = 13.50 \text{ BBL To mix}$

Disp. Plug  $\textcircled{1}$  15.48 BBLs.

Disp. Plug  $\textcircled{2}$  6.7 BBLs

Disp. Plug  $\textcircled{3}$  3.4 BBLs

Disp. Plug  $\textcircled{4}$  - 0 - BBLs

CIR. CMT TO SURFACE

Perforate 2-shots 350'

Top of CMT Plug 890'

Bottom CMT Plug 1140'

Top of CMT Plug 1750'

Bottom 2050'

Top of CMT Plug 4000'

CIBP 5 1/2" 4250'

PERF Below CIBP 4307' - 4330' TO 4366'

5 1/2"

8 5/8"

$\textcircled{4}$

905 SS

TAG

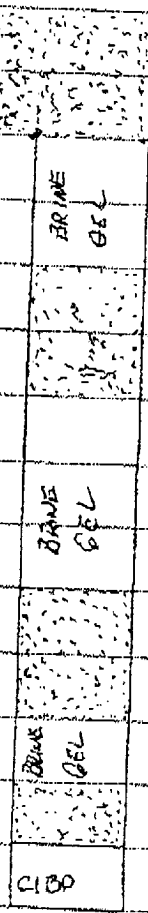
255 SS  $\textcircled{3}$

8 5/8" 1086

TAG

$\textcircled{2}$  SALT 305 SS Section

255 SS  $\textcircled{1}$



**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within thirty (30) days from the approval date of this Notice of Intent to Abandon.
2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 505-627-0272, Eddy County call 505-234-5972; for wells in Lea County call 505-393-3612.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.  
  
Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.
6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

(rev. 5/30/2000)

acs -- 8/26/96