

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injection Well</p> <p>2. NAME OF OPERATOR William A. & Edward R. Hudson</p> <p>3. ADDRESS OF OPERATOR Box 198, Artesia, New Mexico 88211</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' f. south and 1980' f. west lines of Sec. 24-17S-31E</p> <p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DF, RT, CL, etc.) 3879 D.F.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. LC-029415 B <i>C/SF</i></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Puckett B</p> <p>9. WELL NO. 5</p> <p>10. FIELD AND POOL, OR WILDCAT Maljamar(GB-SA)</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA Sec. 24-17S-31E</p> <p>12. COUNTY OR PARISH 13. STATE Eddy N.M.</p>
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RECEIVED BY
MAY 18 1987
O. C. D.
ARTESIA, OFFICE

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

<p>NOTICE OF INTENTION TO :</p> <table border="0"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> </table> <p>(Other) _____</p>	TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	<p>SUBSEQUENT REPORT OF :</p> <table border="0"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> </table> <p>(Other) _____</p> <p>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
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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.)*

This water injection well has quit taking water. This is a very tight area and remedial work is not considered economical. Recently a hole developed in 7" casing at about 1675'. It is proposed to plug and abandon well as follows (see diagram):

A bridge plug will be set in 7" casing at 3250'. Cement will be spotted in 7" from 3250 to 3175'. Hole will then be loaded with a salt gel mud. A cement plug will be spotted from 2800 to 2900' to cover the Red Sand. Another cement plug will be spotted from 1600 to 1700' and some pressure will be applied to pump some cement thru hole in casing. A cement plug will be spotted from 650 to 550' at 8 5/8" casing shoe. Above this point, hole will be loaded with fresh water. A 50' plug of cement will be placed at surface and a 4" pipe marker set in top of casing. An attempt will be made to pump cement down 8 5/8" - 7" annulus. Verbal approval was given by Mr. Shannon Shaw of BLM and Mr. Mike Williams of the Oil Conservation Division on May 7, 1987.

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

SIGNED *Ralph J. Gray* TITLE Consulting Engineer, DATE May 8, 1987

(This space for Federal or State office use)

APPROVED BY *David Adams* TITLE *Acting* DATE *5/12/87*

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WILLIAM A. & EDWARD R. HUDSON
 PUCKETT B WELL # 5
 LEASE # LC-029415 B

LOCATION: SE/4 SW/4 SEC. 24-17s-31e
 EDDY COUNTY, N.M.

PLUGGING PROCEDURE

Spot 50' Cement at surface

Pump cement down 8 5/8 - 7" annulus if possible

Hole loaded with fresh water to 550'

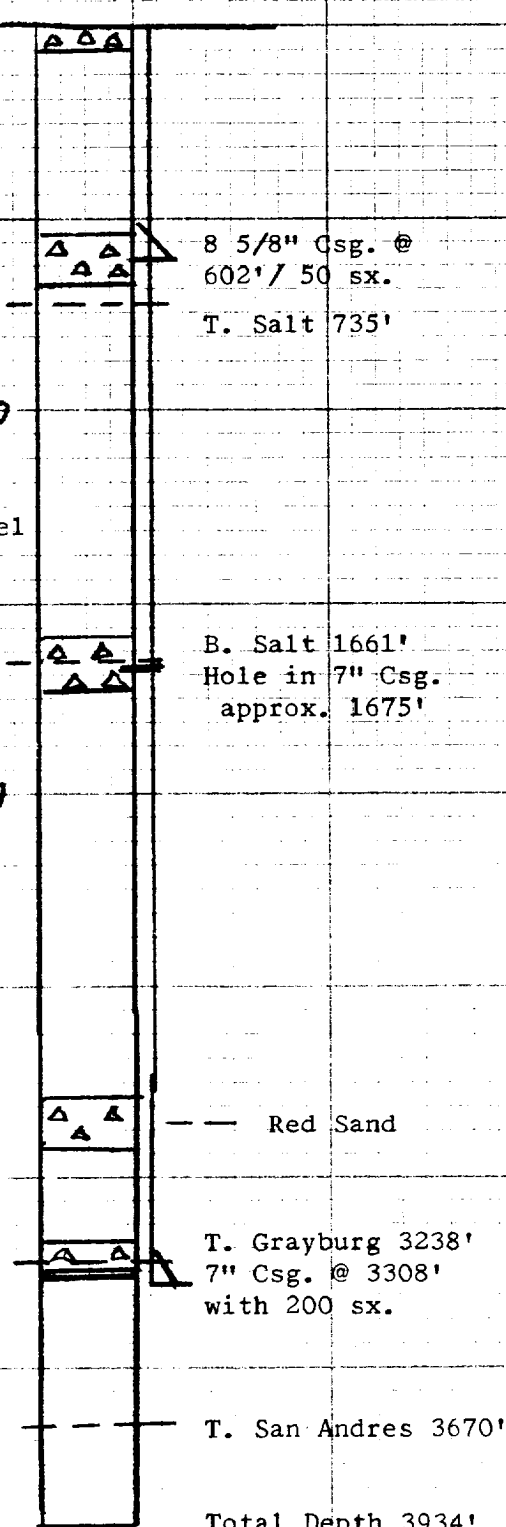
1000

Hole loaded with salt gel mud below 650'

2000

3000

4000



8 5/8" Csg. @
 602' / 50 sx.

T. Salt 735'

B. Salt 1661'
 Hole in 7" Csg.
 approx. 1675'

Red Sand

T. Grayburg 3238'
 7" Csg. @ 3308'
 with 200 sx.

T. San Andres 3670'

Total Depth 3934'

Spot cement 550-650'

Spot cement 1600-1700'

Spot cement 2800-2900'

Set bridge plug @ 3250'
 Spot cement 3175-3250'