

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-015-10414
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA-636
7. Lease Name or Unit Agreement Name Archimedes SWD
8. Well Number 1
9. OGRID Number 025575
10. Pool name or Wildcat SWD; Devonian

**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. Type of Well: Oil Well  Gas Well  Other SWD

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 South Fourth Street, Artesia, NM 88210

4. Well Location  
 Unit Letter J : 1650 feet from the South line and 1980 feet from the East line  
 Section 18 Township 21S Range 24E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,838' KB

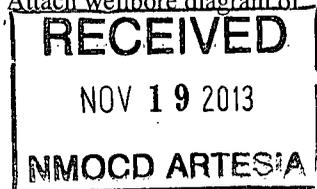
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/></p> <p>CLOSED-LOOP SYSTEM <input type="checkbox"/></p> <p>OTHER: Repair casing <input checked="" type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Yates Petroleum Corporation plans to repair the casing on this well as follows:

1. RU WSU and all safety equipment necessary. NU 3K manual BOP.
2. POOH with the 4-1/2" tubing and redress if necessary.
3. Run a gauge ring and set a 7" RBP at 2,500' and top with 10 sacks of cement.
4. TIH with a packer and tubing to isolate the hole in the 7" casing.
5. Set the cement retainer 50' above the hole and calculate the cement volume to circulate cement to the surface. WOC 48 hours. Drill out the retainer and cement down to the RBP and pressure test the casing to 500 psi. RIH with seal assembly and 4-1/2" tubing and sting into the PBR. Pressure test the 7" X 4-1/2" annulus to 500 psi.
6. Turn the well over to the Production Department to get a MIT and return the well to injection. Schematics attached



Spud Date:

Rig Release Date:

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

SIGNATURE Laura Watts TITLE Regulatory Reporting Technician DATE November 18, 2013

Type or print name Laura Watts E-mail address: laura@yatespetroleum.com PHONE: 575-748-4272

**For State Use Only**

APPROVED BY: LR Dade TITLE Dist. Rep. Supervisor DATE 11/19/2013  
 Conditions of Approval (if any):

WELL NAME: Archimedes SWD # 1 FIELD: East Indian Basin

LOCATION: 1,650' FSL & 1,980' FEL of Section 18-21S-24E Eddy Co., NM

GL: ZERO: KB: 3,838'

SPUD DATE: 03/21/79 COMPLETION DATE: 04/64

COMMENTS: API No.: 30-015-10414

P&A 5-2-64

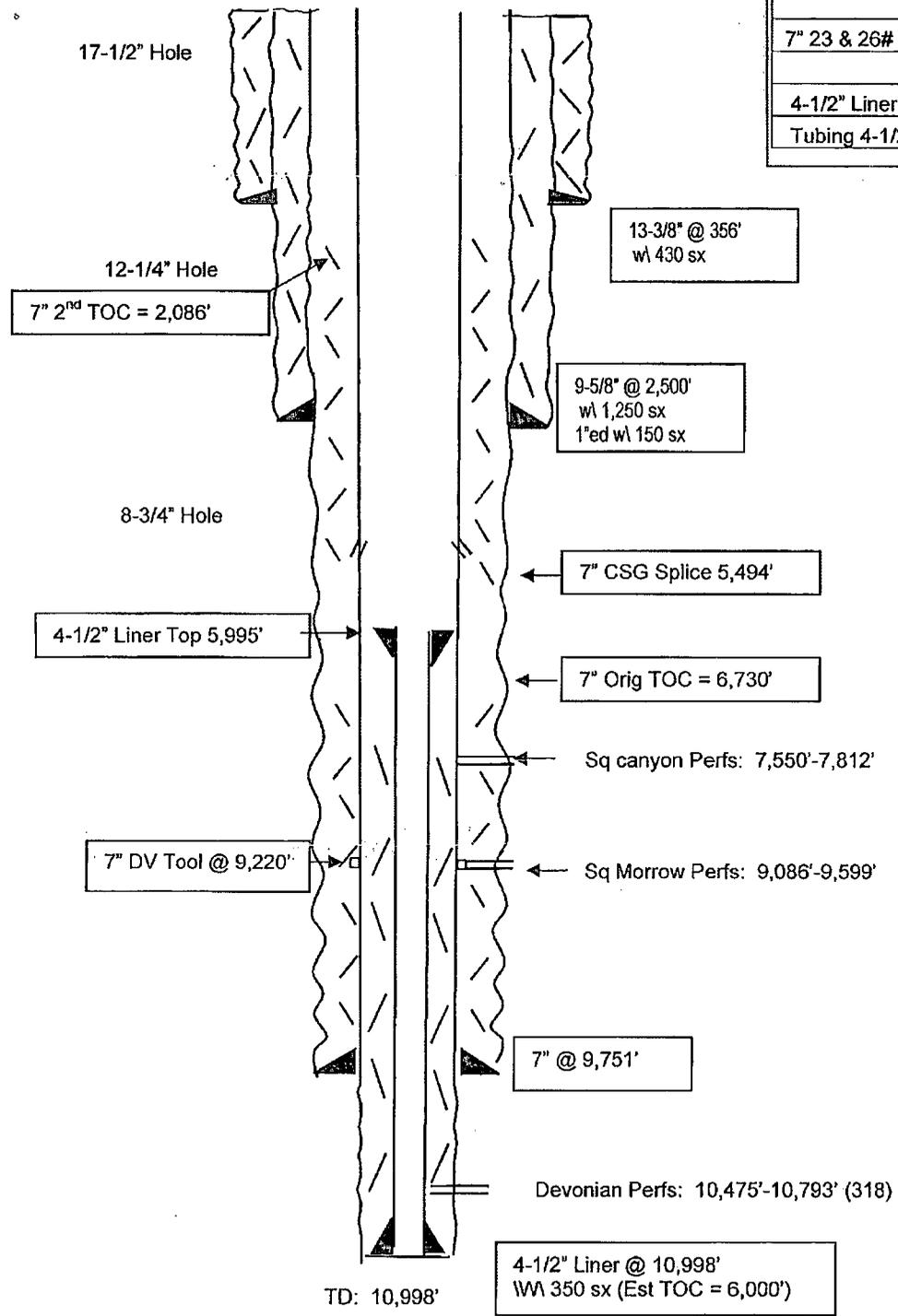
CASING PROGRAM

13-3/8"	356'
9-5/8"	3,188'
7" 23 & 26# J-55 & N-80 LT&C	9,751'
4-1/2" Liner 5,995' to 10,998'	10,998'
Tubing 4-1/2" 11.6# IPC	5,995'

**Before**

**TOPS**

GL	2,315'
BS	2,975'
WC	6,565'
Cisco	7,543'
Strawn	8,420'
Atoka	8,735'
Morrow	9,240'
Chester	9,708'

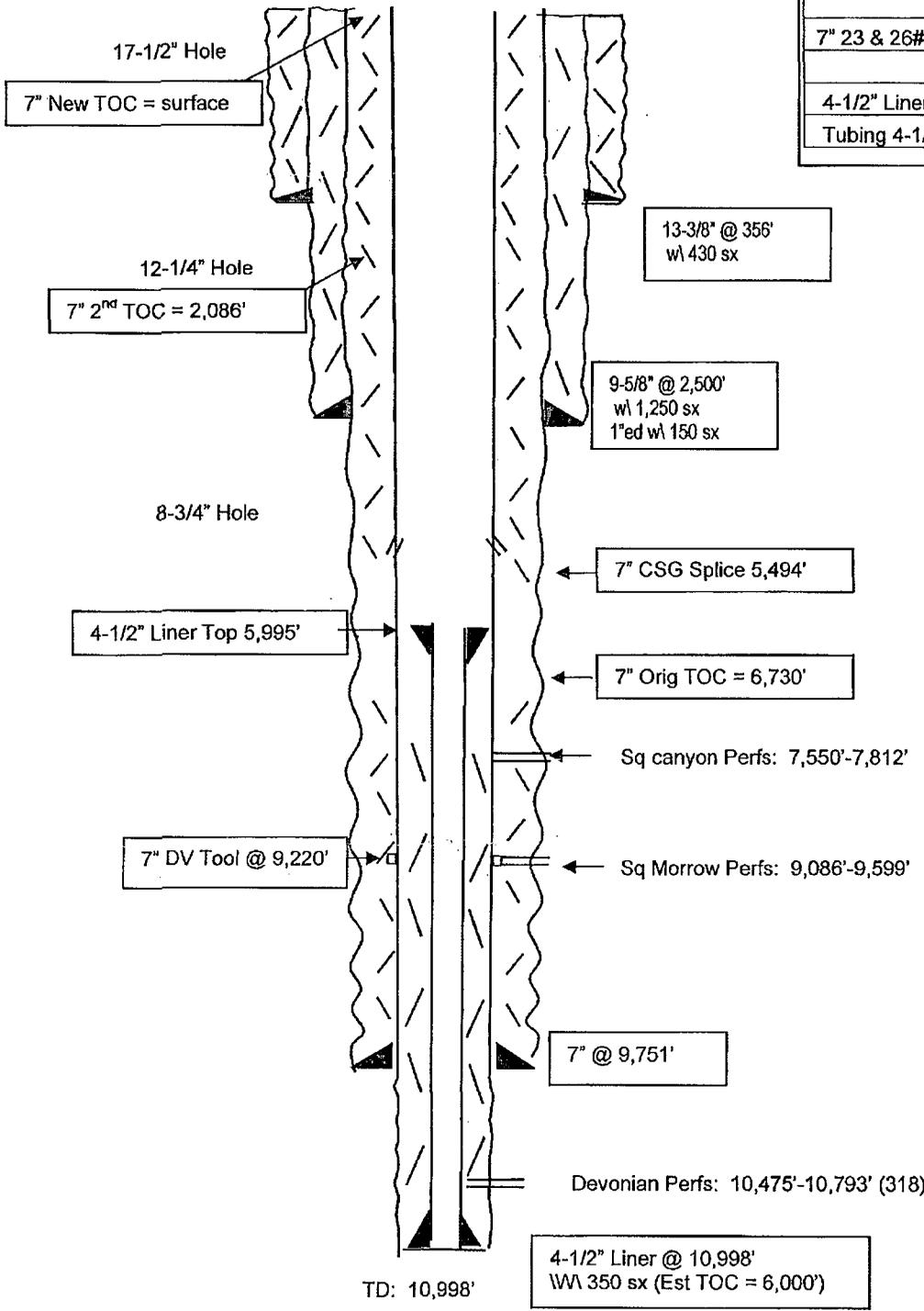


Not to Scale  
8/23/13  
JMH

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