

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-7283
811 S. First St., Artesia, NM 88210
District III - (505) 347-6178
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. 30-025-41587
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B0 -9188-0008
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) [22503]
8. Well Number 539
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North [22900]

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 ☐
2. Name of Operator Apache Corporation
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705
4. Well Location Unit Letter <u>B</u> : <u>110</u> feet from the <u>North</u> line and <u>1945</u> feet from the <u>East</u> line Section <u>15</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3451' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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.

Apache intends to add Drinkard pay and acidize, per the attached procedure and WBD information.

Spud Date:

2/14/2014

Rig Release Date:

2/19/2014

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

SIGNATURE Reesa Fisher TITLE Sr. Staff Reg Analyst DATE 10/26/2018

Type or print name Reesa Fisher E-mail address: Reesa.Fisher@apachecorp.com PHONE: (432) 818-1062

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 11/02/18

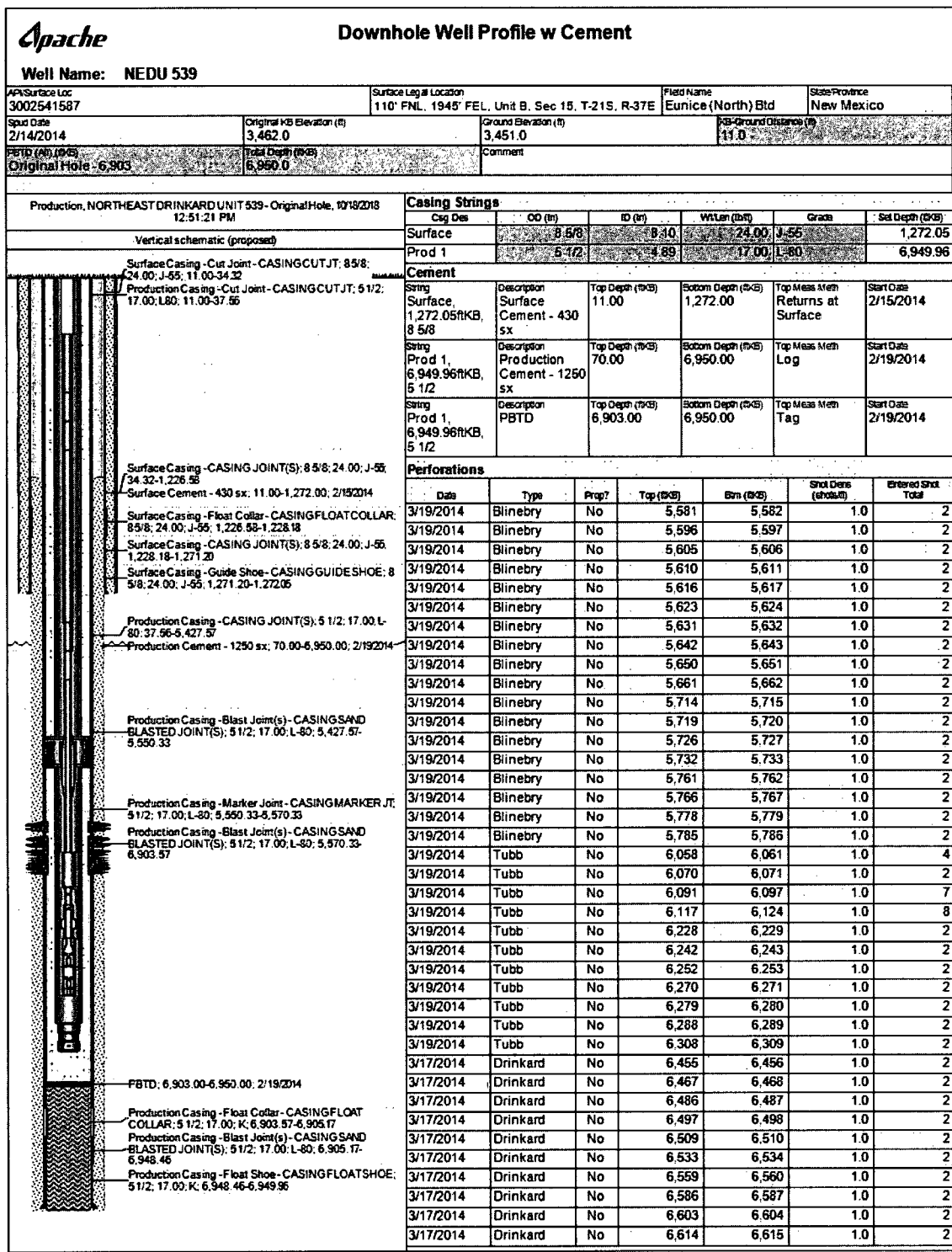
Conditions of Approval (if any):

NEDU 539: (API: 30-025-41587)

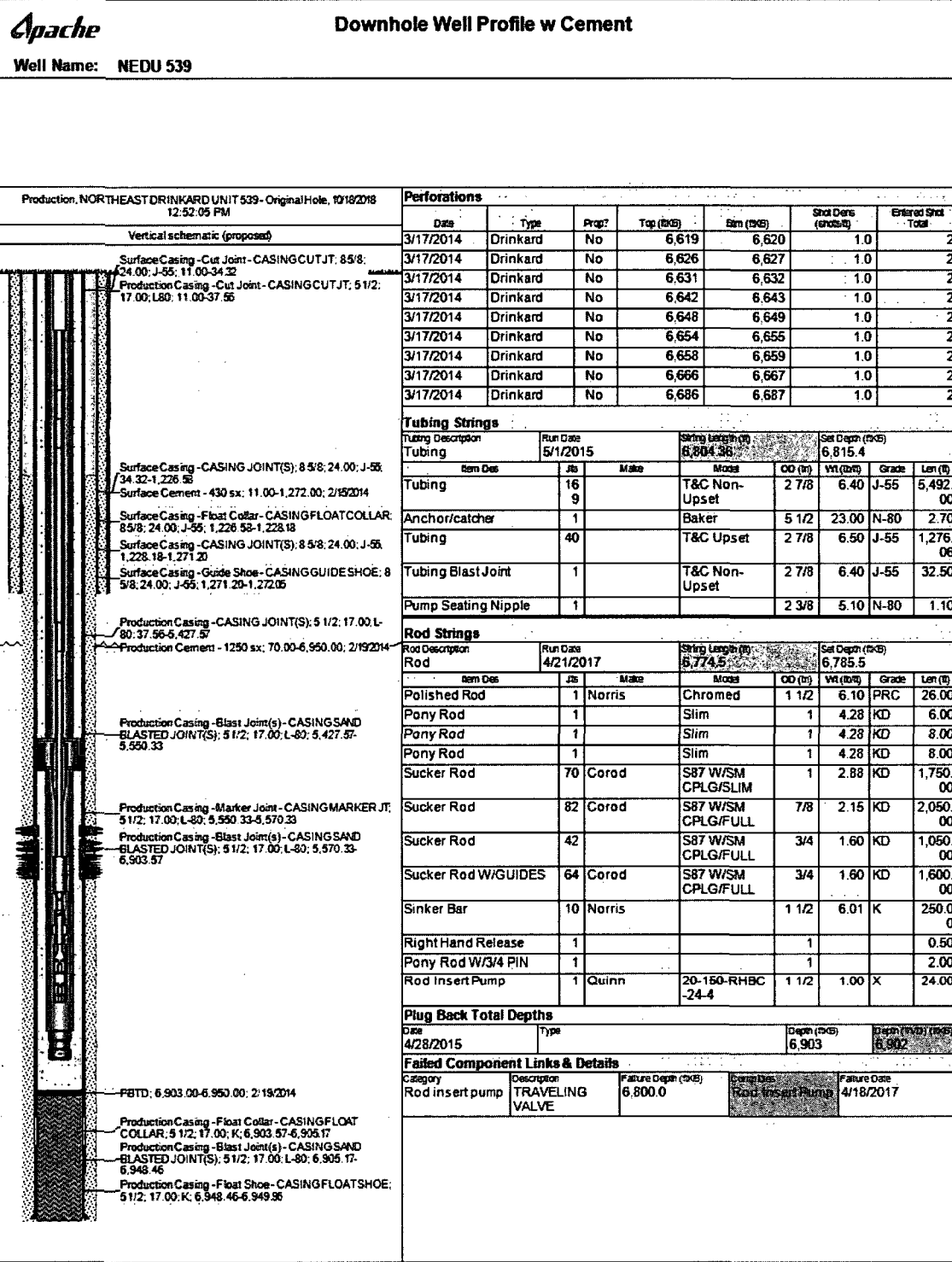
OBJECTIVE: ADD DRINKARD PAY, ACIDIZE

- 1.** POOH with rods and 2-7/8" production tubing.
- 2.** PU workstring and RIH with bit and scraper. Clean out wellbore to PBTD at 6903'. POOH.
- 3.** RIH with wireline and perforate Drinkard formation at 6584-6657'. POOH.
- 4.** RIH w/ work string and 5-1/2" treating packer. Acidize Blinbry-Tubb-Drinkard interval with 10,000 gallons 15% HCL acid. POOH.
- 5.** RIH with 2-7/8" production tubing and seat nipple set at ~6735'.
- 6.** Return well to production.

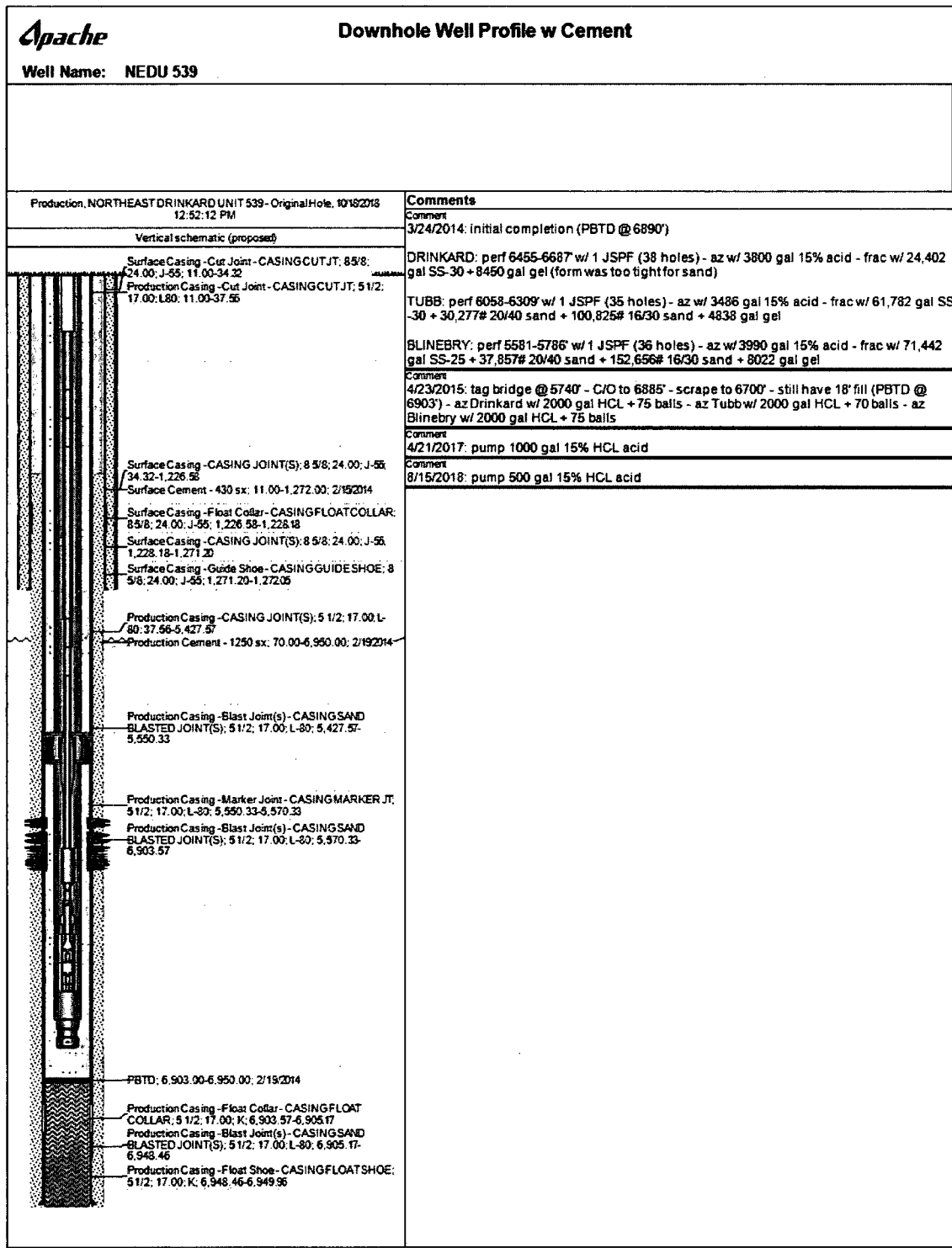
Current Wellbore Diagram



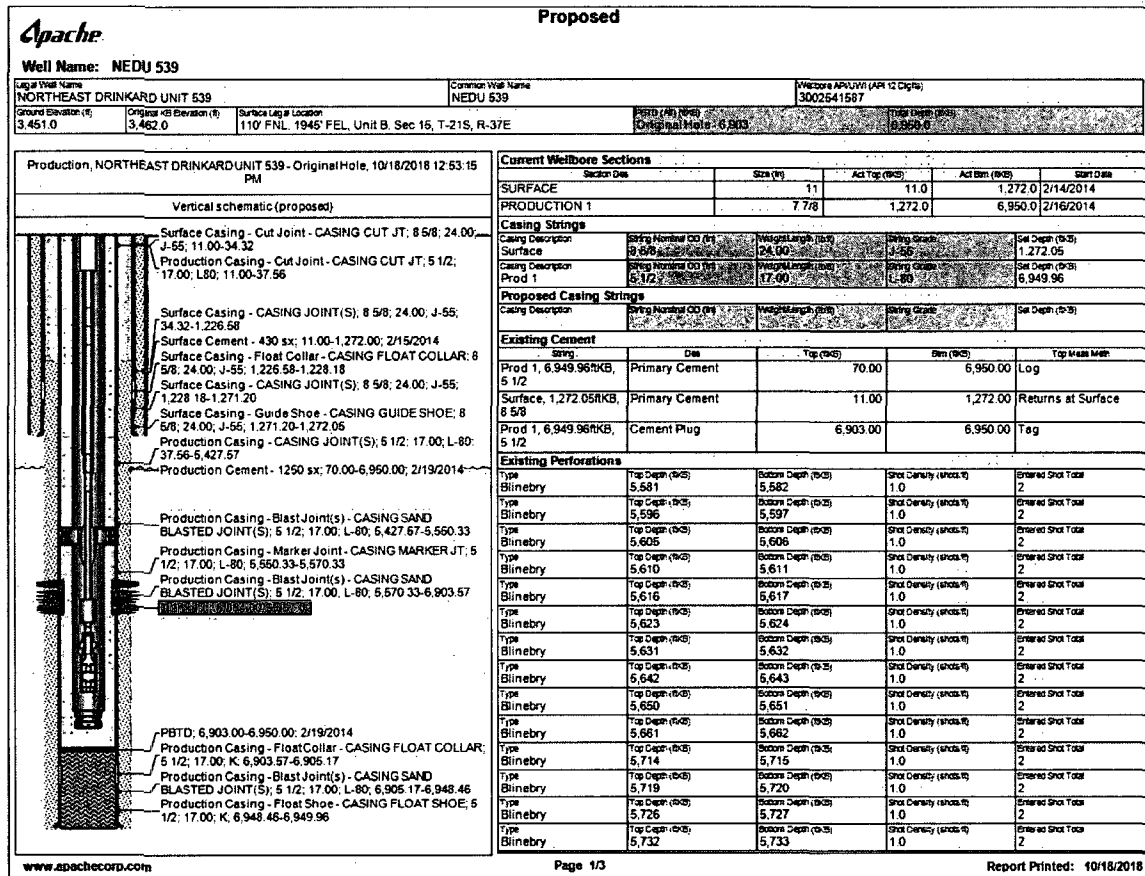
Current Wellbore Diagram



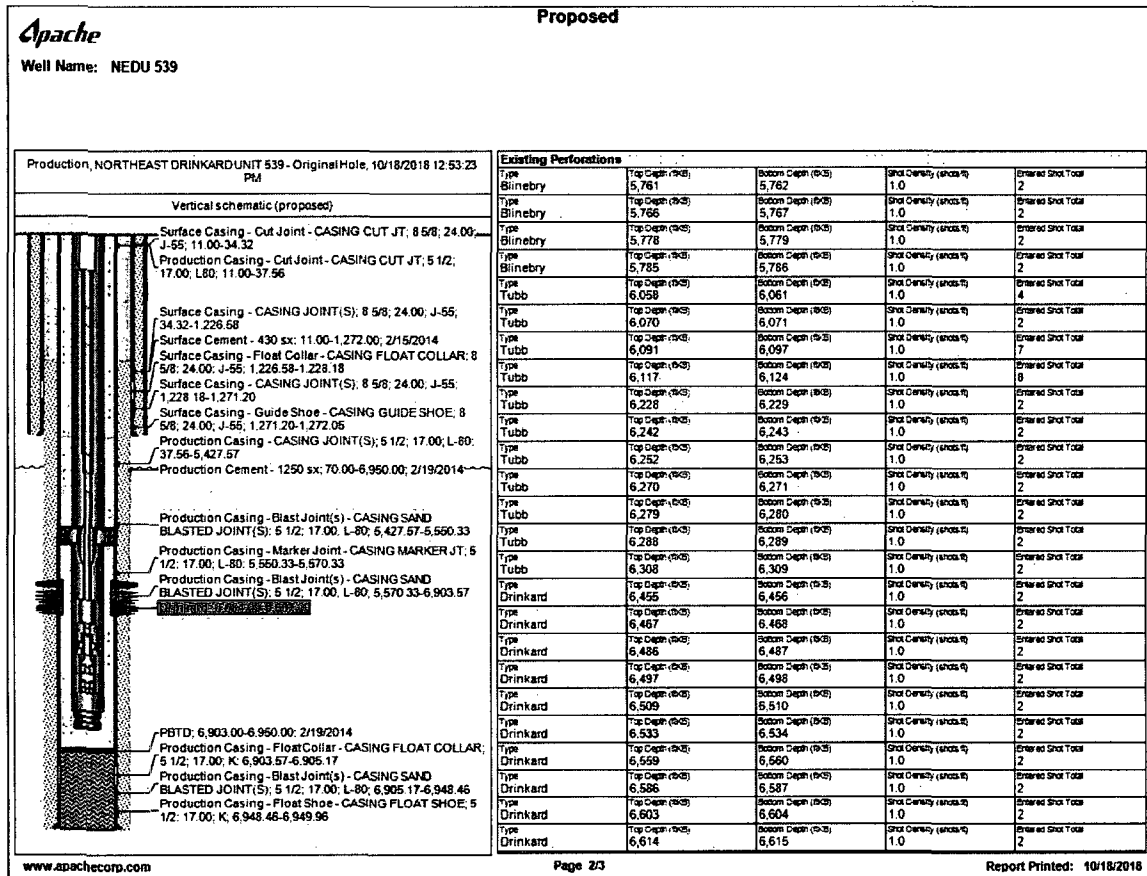
Current Wellbore Diagram



Proposed Wellbore Diagram (Proposed Changes in Yellow)



Proposed Wellbore Diagram (Proposed Changes in Yellow)



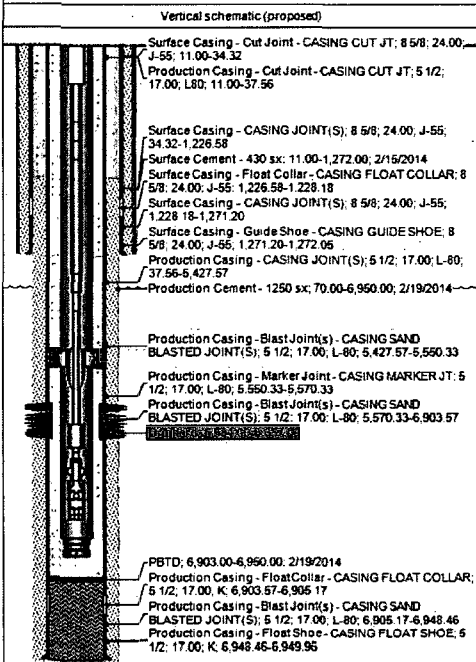
Proposed Wellbore Diagram (Proposed Changes in Yellow)



Well Name: NEDU 539

Proposed

Production, NORTHEAST DRINKARD UNIT 539 - Original Hole, 10/18/2018 2:13:38 PM



Existing Perforations

Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,619	6,620	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,626	6,627	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,631	6,632	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,642	6,643	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,648	6,649	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,654	6,655	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,658	6,659	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,666	6,667	1.0	2
Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,666	6,667	1.0	2

Proposed Perforations

Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Drinkard	6,534	6,657	2.0	78