

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1535
811 S. First St., Artesia, NM 88210
District III - (505) 394-6178
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. 30-025-41585
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 663
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North [22900]
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3444' GL

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>A</u> : <u>1295</u> feet from the <u>North</u> line and <u>745</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.) 3444' 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:

2/9/2014

Rig Release Date:

2/14/2014

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

Petroleum Engineer

APPROVED BY:

[Signature]

TITLE

DATE

11/02/18

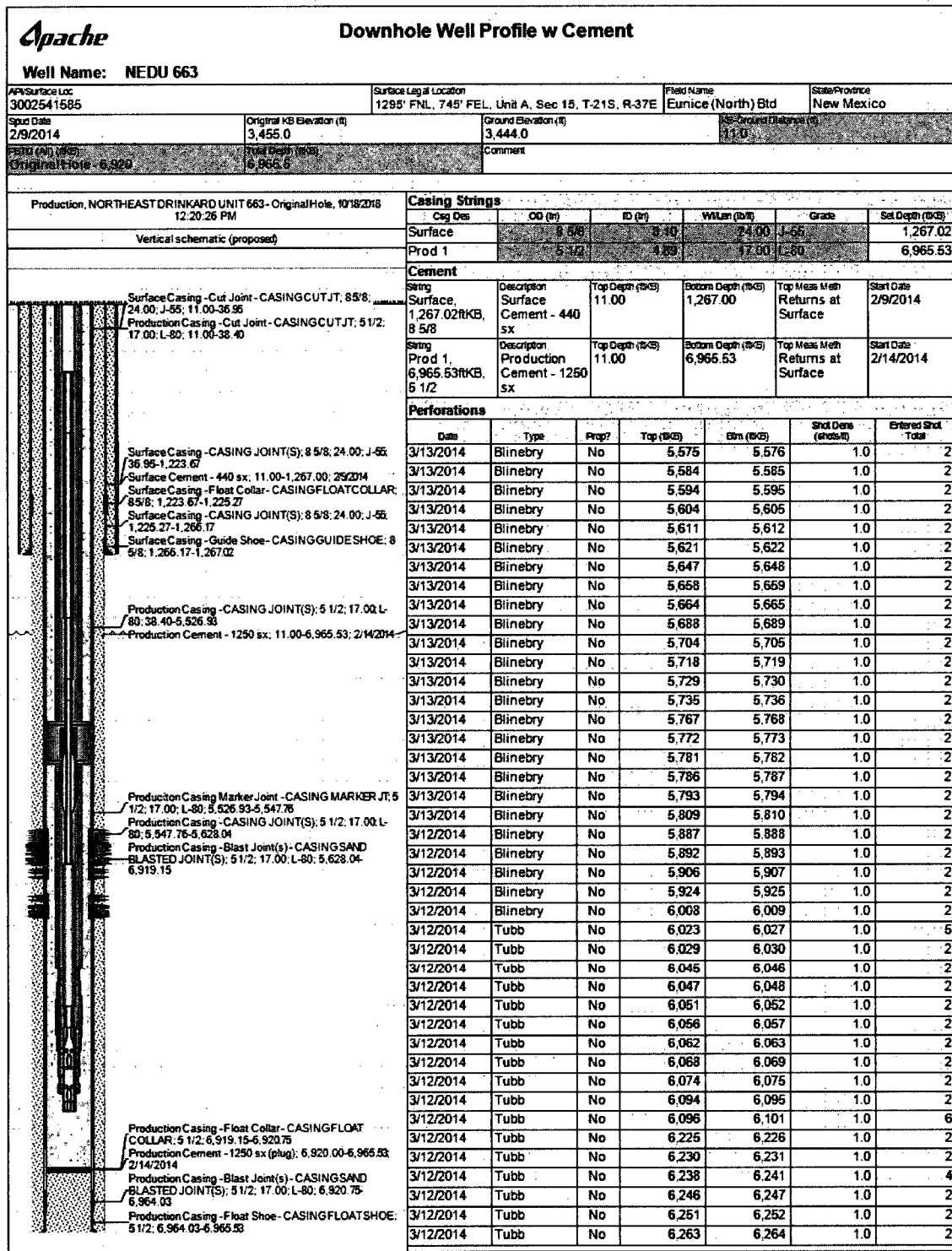
Conditions of Approval (if any):

NEDU 663: (API: 30-025-41585)

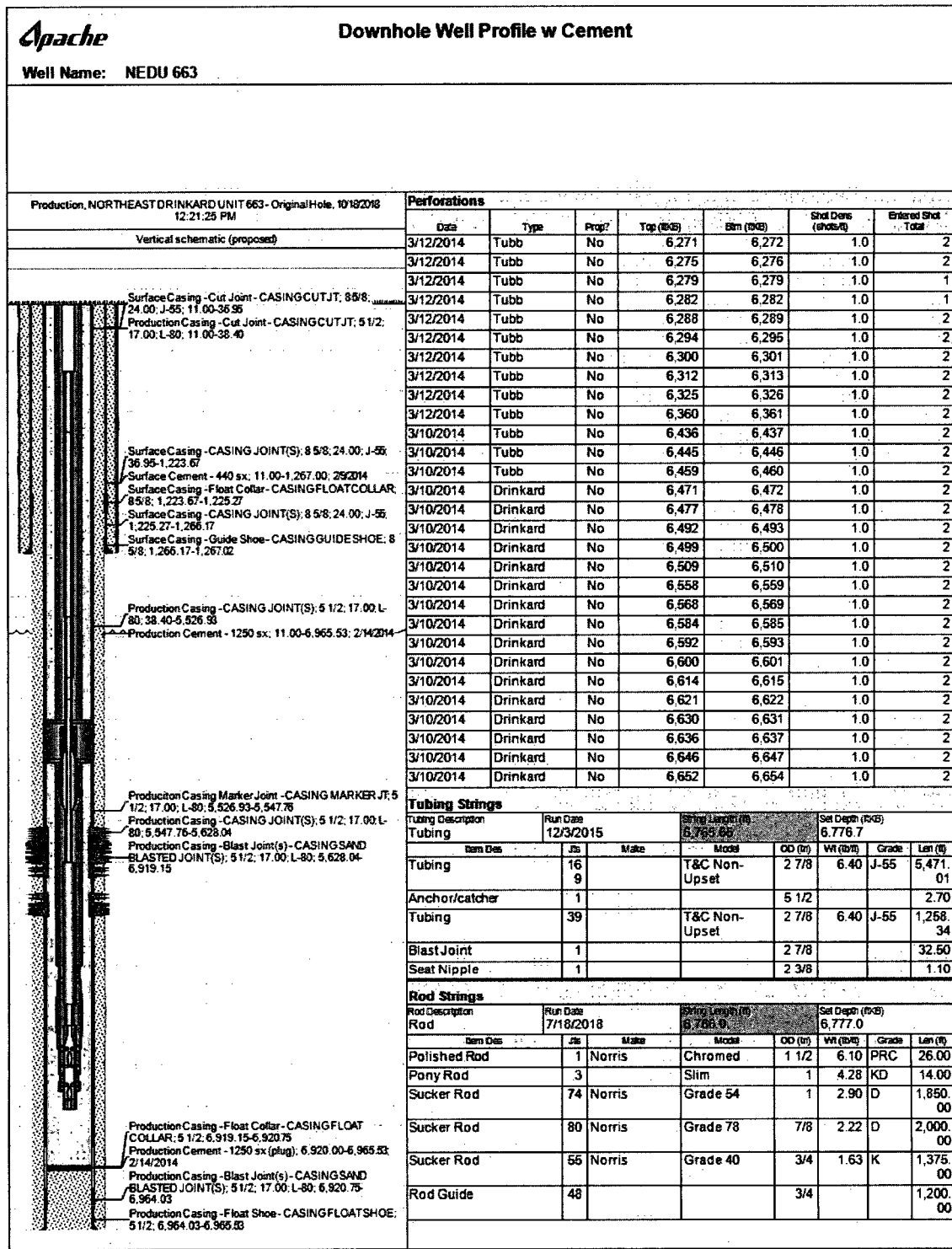
OBJECTIVE: ADD DRINKARD PAY, ACIDIZE

- 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 6920'. POOH.**
- 3. RIH with wireline and perforate Drinkard formation at 6556-6640'. 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 ~6700'.**
- 6. Return well to production.**

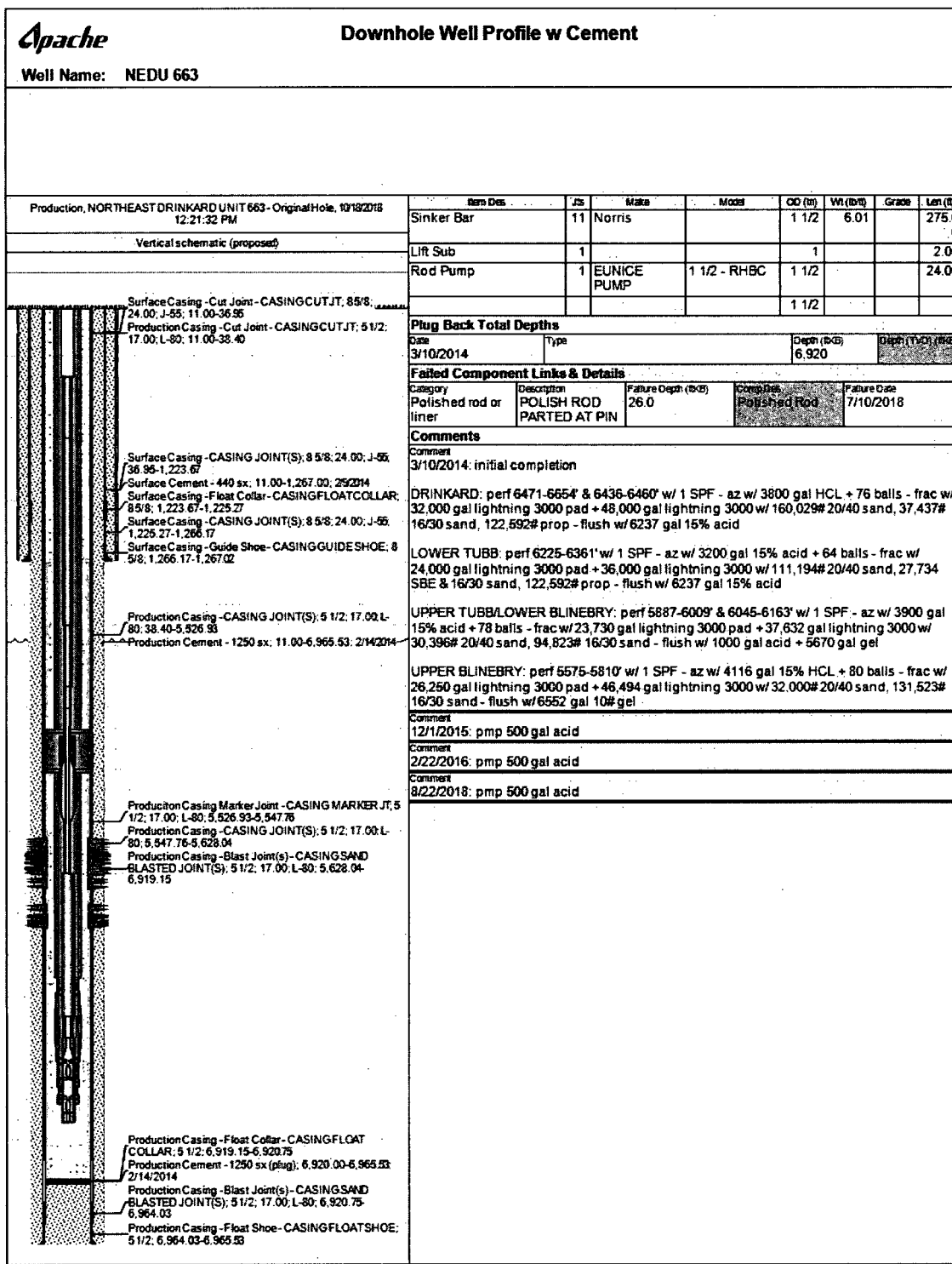
Current Wellbore Diagram



Current Wellbore Diagram



Current Wellbore Diagram



Proposed Wellbore Diagram (Proposed Changes in Yellow)

Well Name: NEDU 663

Log Well Name:

NORTHEAST DRINKARD UNIT 663

Ground Elevation (ft):

3,444.0

Original Well Elevation (ft):

3,455.0

Surface Legal Location:

1295' FNL 745' FEL, Unit A, Sec 15, T-21S, R-37E

Common Well Name:

NEDU 663

APL Surface Loc:

3002541585

Yield (M) (bbl/d):

Original Hole : 8,920

Total Depth (ft):

16,965.5

Production, NORTHEAST DRINKARD UNIT 663 - Original Hole, 10/18/2018 1:58:05 PM

Vertical schematic (proposed)

Surface Casing - Cut Joint - CASING CUT JT; 8 5/8; 24.00; J-55; 11:00-36.95

Production Casing - Cut Joint - CASING CUT JT; 5 1/2; 17.00; L-80; 11:00-33.40

Surface Casing - CASING JOINT(S); 8 5/8; 24.00; J-55; 38.95-1,223.67

Surface Cement - 440 sx; 11:00-1,267.00; 2/9/2014

Surface Casing - Float Collar - CASING FLOAT COLLAR; 8 5/8; 1,223.67-1,226.27

Surface Casing - CASING JOINT(S); 8 5/8; 24.00; J-55; 1,225.27-1,266.17

Surface Casing - Guide Shoe - CASING GUIDE SHOE; 8 5/8; 1,266.17-1,267.02

Production Casing - CASING JOINT(S); 5 1/2; 17.00; L-80; 33.40-5,526.93

Production Cement - 1250 sx; 11:00-6,965.53; 2/14/2014

Production Casing Marker Joint - CASING MARKER JT; 5 1/2; 17.00; L-80; 5,526.93-5,547.76

Production Casing - CASING JOINT(S); 5 1/2; 17.00; L-80; 5,547.76-5,628.04

Production Casing - Blast Joint(s) - CASING SAND BLASTED JOINT(S); 5 1/2; 17.00; L-80; 5,628.04-6,919.15

Production Casing - Float Collar - CASING FLOAT COLLAR; 5 1/2; 6,919.15-6,920.75

Production Cement - 1250 sx (plug); 6,920.00-6,965.53; 2/14/2014

Production Casing - Blast Joint(s) - CASING SAND BLASTED JOINT(S); 5 1/2; 17.00; L-80; 6,920.75-6,964.03

Production Casing - Float Shoe - CASING FLOAT SHOE; 5 1/2; 6,964.03-6,965.53

Current Wellbore Sections

Section Desc	Size (in)	Act Top (ft)	Act Bot (ft)	Start Date
SURFACE	11	11.0	1,267.0	2/9/2014
PRODUCTION 1	7.865	1,267.0	6,965.5	2/10/2014

Casing Strings

Casing Description	Casing Nominal OD (in)	Weight Length (ft)	Casing Grade	Set Depth (ft)
Surface	8 5/8	24.00	L-65	1,267.02
Prod 1	5 1/2	17.00	L-80	6,965.53

Proposed Casing Strings

Casing Description	Casing Nominal OD (in)	Weight Length (ft)	Casing Grade	Set Depth (ft)
Surface	8 5/8	24.00	L-65	1,267.02
Prod 1	5 1/2	17.00	L-80	6,965.53

Existing Cement

String	Cas	Top (ft)	Bot (ft)	Top Mass (lb)
Surface, 1,267.02 ft	Primary Cement	11.00	1,267.00	Returns at Surface
Prod 1, 6,965.53 ft	Primary Cement	11.00	6,965.53	Returns at Surface

Existing Perforations

Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Blind	5,575	5,576	1.0	2
Blind	5,584	5,585	1.0	2
Blind	5,594	5,595	1.0	2
Blind	5,604	5,605	1.0	2
Blind	5,611	5,612	1.0	2
Blind	5,621	5,622	1.0	2
Blind	5,647	5,648	1.0	2
Blind	5,658	5,659	1.0	2
Blind	5,664	5,665	1.0	2
Blind	5,688	5,689	1.0	2
Blind	5,704	5,705	1.0	2
Blind	5,718	5,719	1.0	2
Blind	5,729	5,730	1.0	2
Blind	5,735	5,736	1.0	2
Blind	5,767	5,768	1.0	2

www.apachecorp.com

Page 1/4

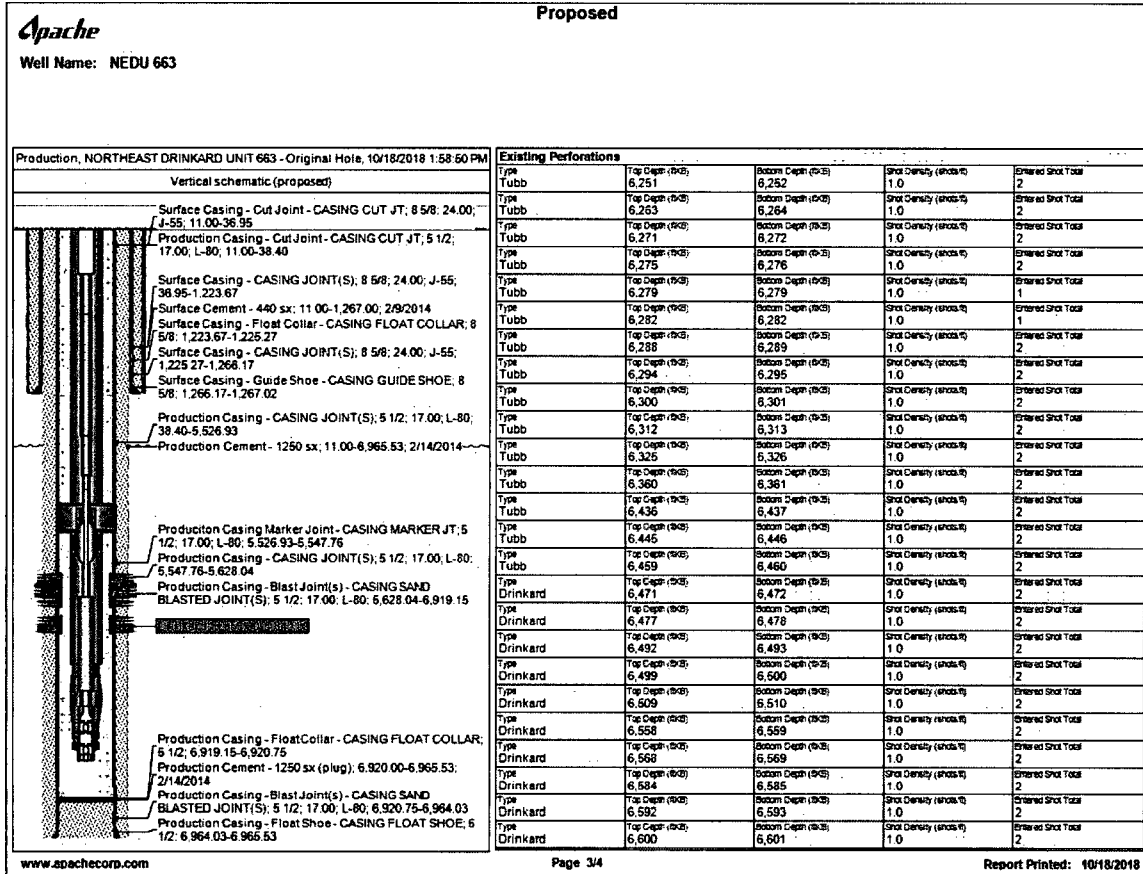
Report Printed: 10/18/2018

Proposed

Well Name: NEDU 663

[illegible]

Proposed Wellbore Diagram (Proposed Changes in Yellow)



Proposed Wellbore Diagram (Proposed Changes in Yellow)

