

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-37677	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) [22503]	
8. Well Number 339	
9. OGRID Number 873	
10. Pool name or Wildcat Eunice; B-T-D, North [22900]	
SUNDY 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 M : 330 feet from the South line and 1310 feet from the West line Section 02 Township 21S Range 37E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3458' 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 would like to plug back the Drinkard, add Blinebry and Tubb pay and acidize, as follows:

1. POOH with rods and 2-7/8" production tubing.
2. PU workstring and RIH with bit and scraper. Clean out wellbore to TOF at 6620'. POOH.
3. RIH with wireline, CIBP Drinkard at 6620' and dump bail 35' cement on top.
4. Perforate Blinebry and Tubb formation at 5730'-6400'. POOH.
5. RIH w/ work string and 5-1/2" treating packer. Acidize Blinebry-Tubb interval with 10,000 gallons 15% HCL acid. POOH.
6. RIH with 2-7/8" production tubing and seat nipple set at ~6520'.
7. Return well to production.

Spud Date:

3/24/2006

Rig Release Date:

4/8/2006

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 8/28/2019

Type or print name Reesa Fisher

E-mail address: Reesa.Fisher@apachecorp.com

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

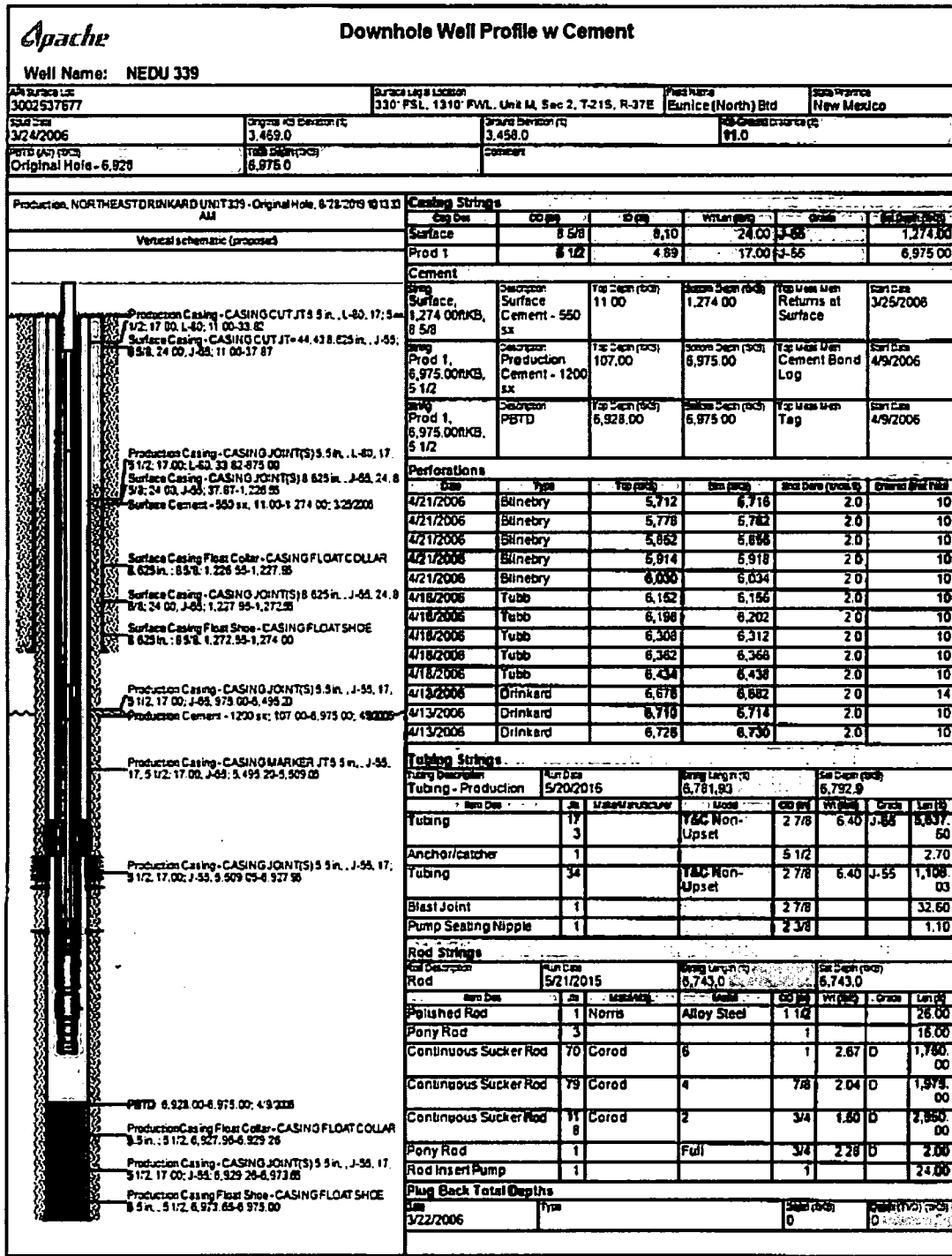
Kerry Fort

TITLE Compliance Officer

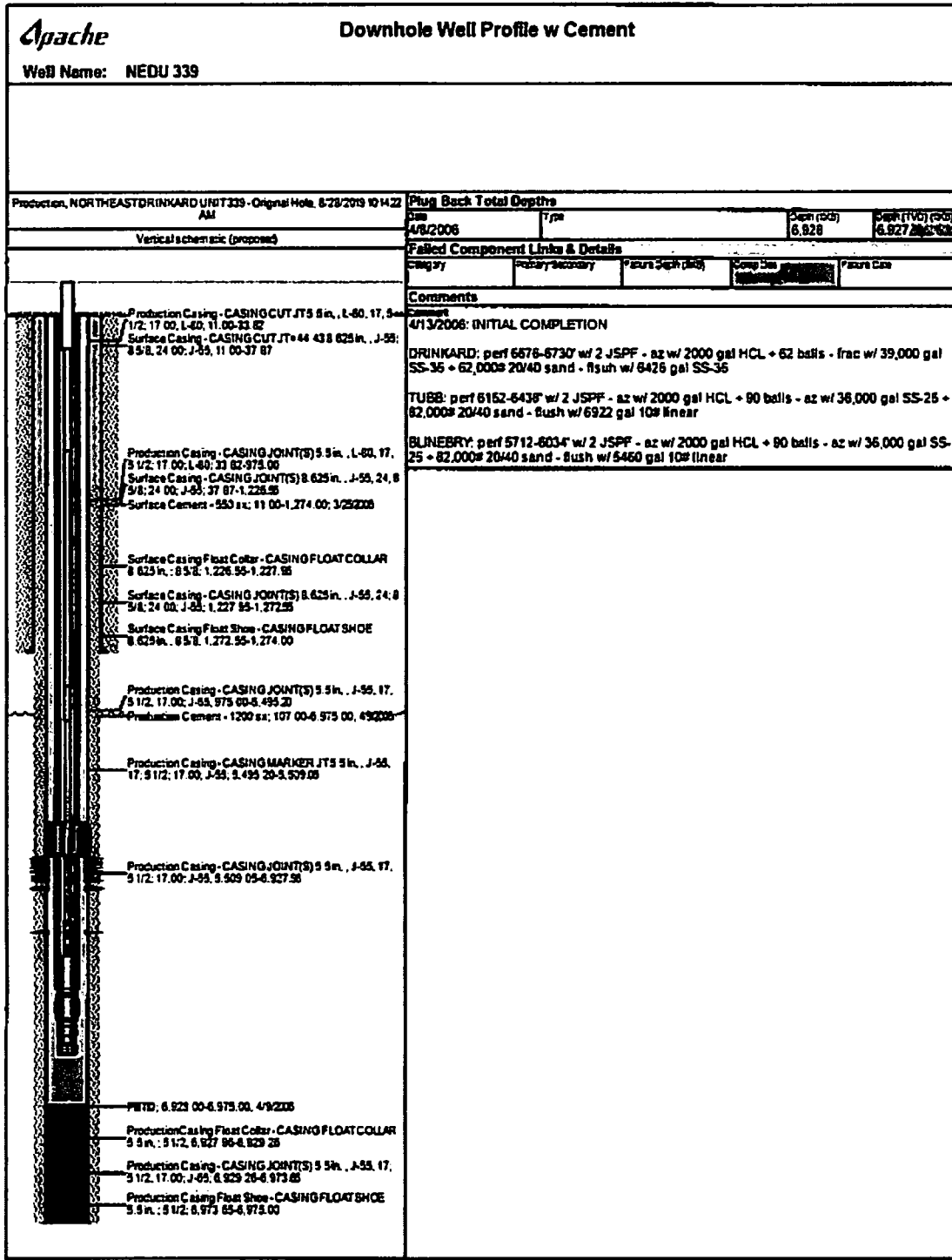
DATE 8-28-19

Conditions of Approval (if any)

Current Wellbore Diagram



Current Wellbore Diagram



Apache

Proposed

Well Name: NEDU 339

Job / Well Name
NORTHEAST DRINKING UNIT 339

Completions / Notes
NEDU 339

API Surface Loc
3002137877

Surface Location (E)
J 458 0

Surface Location (N)
300 FSL, 1310 FWL, Unit M, Sec 2, T-21S, R-37E

Hole / Depth (ft)
Original Hole - 6,925

Total Depth (ft)
6,975 0

Production, NORTHEAST DRINKING UNIT 339 - Original Hole, 6/26/2019 10:11:24 AM

Vertical schematic (proposed)

Current Wellbore Sections

Section	ECR (in)	AGT (in)	AGT (in)	AGT (in)	Start Date
Surface	12 1/4	11.0	1,274.0	3/24/2006	
Prod 1	7 7/8	1,274.0	6,975.0	3/25/2006	

Casing Strings

Casing Section	Casing Volume (cu ft)	Weight (lb/ft)	Casing Depth (ft)	AGT (in)	Start Date
Surface Section	8.5	24.00	J-55	1,274.00	
Prod 1	5.12	17.00	J-55	6,975.00	

Proposed Casing Strings

Casing Section	Casing Volume (cu ft)	Weight (lb/ft)	Casing Depth (ft)	AGT (in)	Start Date
Surface Section	8.5	24.00	J-55	1,274.00	
Prod 1	5.12	17.00	J-55	6,975.00	

Existing Cement

Depth	Surface Casing	T.C. (ft)	AGT (in)	Tie into Unit
Surface, 1,274.00-6.925.00	11.00	1,274.00	Returns at Surface	
Prod 1, 6,975.00-6.975.00	107.00	6,975.00	Cement Bond Log	
Prod 1, 6,975.00-6.975.00	6,928.00	6,975.00	Tag	

Proposed Cement

Casing Section	Cement Volume (cu ft)	Cement Depth (ft)	AGT (in)	Tie into Unit
Prod 1, 6,975.00-6.975.00	6,928.00	6,928.00	Tag	

Proposed Tubing String

Tubing Section	Tubing Volume (cu ft)	Tubing Depth (ft)	AGT (in)	Tie into Unit
Tubing - Rod Pump	6.520 D	6,520.00		

Existing Performance

Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)
173	6,712	173	6,712	173	6,712

Existing Performance

Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)
173	6,712	173	6,712	173	6,712

Existing Performance

Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)
173	6,712	173	6,712	173	6,712

Existing Performance

Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)
173	6,712	173	6,712	173	6,712

Existing Performance

Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)
173	6,712	173	6,712	173	6,712

Existing Performance

Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)	Flow Rate (bbl/d)	Bottom Depth (ft)
173	6,712	173	6,712	173	6,712

Proposed Wellbore Diagram (Proposed Changes in Yellow)

Apache

Well Name: NEDU 339

Production, NORTHEAST DRINKARD UNIT 339 - Original Hole, 6/28/2019 @ 12:34 AM

Vertical schematic (proposed)

Production Casing - CASING CUT JT 5.5 in., L-80, 17.5
1/2; 17.00; L-80, 11.00-33.82

Surface Casing - CASING JOINT(S) 5.5 in., J-65, 17.5
1/2; 17.00; J-65, 11.00-37.87

Production Casing - CASING JOINT(S) 5.5 in., L-80, 17.5
1/2; 17.00; L-80, 33.82-97.50

Surface Casing - CASING JOINT(S) 5.5 in., J-65, 24.8
5/8; 24.00; J-65, 37.87-1.228.55

Surface Cement - 560 sx; 11.00-1.274.00; 3/25/2006

Surface Casing Float Collar - CASING FLOAT COLLAR
8.625 in.; 8.5/8, 1.228.55-1.227.95

Surface Casing - CASING JOINT(S) 8.625 in., J-65, 24.8
5/8; 24.00; J-65, 1.227.95-1.272.55

Surface Casing Float Shoe - CASING FLOAT SHOE 8.625
in.; 8.5/8, 1.272.55-1.274.00

Cased Hole - 5.730 in.; 5.730-6.620

Production Casing - CASING JOINT(S) 5.5 in., J-65, 17.5
1/2; 17.00; J-65, 97.50-6.495.20

Production Cement - 1200 sx; 107.00-6.975.00; 4/8-2006

Production Casing - CASING MARKER JT 5.5 in., J-65, 17
5 1/2; 17.00; J-65, 6.495.20-6.509.05

Production Casing - CASING JOINT(S) 5.5 in., J-65, 17.5
1/2; 17.00; J-65, 6.509.05-6.927.95

Production Casing - CASING JOINT(S) 5.5 in., J-65, 17.5
1/2; 17.00; J-65, 6.927.95-6.973.65

Production Casing - CASING JOINT(S) 5.5 in., J-65, 17.5
1/2; 17.00; J-65, 6.973.65-6.973.00

PSTO; 6.928.00-6.973.00; 4/8/2006

Production Casing Float Collar - CASING FLOAT COLLAR
5.5 in.; 5 1/2; 6.927.95-6.929.25

Production Casing - CASING JOINT(S) 5.5 in., J-65, 17.5
1/2; 17.00; J-65, 6.929.25-6.973.65

Production Casing Float Shoe - CASING FLOAT SHOE 5.5
in.; 5 1/2; 6.973.65-6.973.00

Existing Perforations

Type	True Depth (ft)	Bottom Depth (ft)	Shot Density (shots/c)	Current Shot Size
Tub	6.152	6.158	2.0	Current Shot Size
Tub	6.188	6.202	2.0	Current Shot Size
Tub	6.308	6.312	2.0	Current Shot Size
Tub	6.362	6.366	2.0	Current Shot Size
Tub	6.434	6.438	2.0	Current Shot Size
Tub	6.576	6.582	2.0	Current Shot Size
Drinkard	6.710	6.714	2.0	Current Shot Size
Drinkard	6.728	6.730	2.0	Current Shot Size

Proposed Perforations

Type	True Depth (ft)	Bottom Depth (ft)	Shot Density (shots/c)	Current Shot Size
Cased Hole	5.730	6.400	1.0	Current Shot Size

Proposed Other In Hole

Description	True Depth (ft)	Bottom Depth (ft)	Shot Density (shots/c)	Current Shot Size
Bridge Plug - Permanent	6.1/2	6.620	6.625	Current Shot Size

www.apachecorp.com

Page 2/2

Report Printed: 5/25/2019