

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. 30-025-34426
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B0-9745-0004
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
8. Well Number 127
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>L</u> / (Lot 12) : <u>2600</u> feet from the <u>North</u> line and <u>1200</u> feet from the <u>West</u> line Section <u>02</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3500' 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 add pay to the existing Blinberry and Drinkard formations, complete the Tubb and stimulate with CO2 Foamed Acid, per the attached procedure. Wellbore diagrams are also attached for reference.

Spud Date:

8/29/1998

Rig Release Date:

9/9/1998

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 7/29/2014

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

08/05/14

Conditions of Approval (if any):

AUG 05 2014

AM

NEDU 127 (API: 30-025-34426) Proposed Procedure: Cleanout Well, Complete Additional Pay in the Blinebry and Drinkard Formations, Complete the Tubb Formation, and Stimulate with CO2 Foamed Acid

July 25, 2014

Day 1: Hot water well prior to workover. MIRU SR. POOH w/ rods & pump. ND WH & NU BOPs. Release TAC & lower tubing to TFF, POOH and LD 2-7/8" production tubing

Day 2: PU & RIH w/ bit on 2-7/8" L-80 work string, clean well out to PBTD as necessary, POOH

Day 3: PU & RIH w/ casing scraper to +/-6850', POOH

Day 4: MIRU WL. RIH & correlate depths to openhole porosity logs

Perforate the Blinebry, Tubb, and Drinkard formations as per the attached sheet with 3-3/8" TAGs loaded at 2 SPF, 90 deg phasing with SDP charges (total 77 feet, 154 shots). POOH & RD WL

PU & RIH w/ RBP and treating packer on 2-7/8" work string

Day 5: Cont. RIH w/ RBP and treating packer, set RBP at +/- 6850', PUH and set packer at +/-6530'

RU pump trucks. Acidize the Tubb/Drinkard with 6,900 gals 20% HCl and 71 tons CO2 (approximately 23,000 gals of 70% quality foam) and ball sealers @ +/-15 BPM (max pressure is 7,500 psi). SWI for 4 hours, open well and flow back to pit

Kill well if necessary. Release packer and retrieve RBP. Re-set RBP at +/-6530', set packer at +/-6350'.

Acidize the Tubb with 3,300 gals 20% HCl and 34 tons CO2 (approximately 11,000 gals of 70% quality foam) and ball sealers @ +/-15 BPM (max pressure is 7,500 psi). SWION

Day 6: Open well and flow back to pit

Kill well if necessary. Release packer and retrieve RBP. Re-set RBP at +/-6300', set packer at +/-6040'.

Acidize the Blinebry/Tubb with 4,200 gals 20% HCl and 43 tons CO2 (approximately 14,000 gals of 70% quality foam) and ball sealers @ +/-15 BPM (max pressure is 7,500 psi). SWI for 4 hours, open well and flow back to pit, SWION

Day 7: Open well and flow back to pit

Kill well if necessary. Release packer and retrieve RBP. Re-set RBP at +/-6030', set packer at +/-5750'.

Acidize the Blinebry with 4,200 gals 20% HCl and 43 tons CO2 (approximately 14,000 gals of 70% quality foam) and ball sealers @ +/-15 BPM (max pressure is 7,500 psi). SWI for 4 hours, open well and flow back to pit, SWION

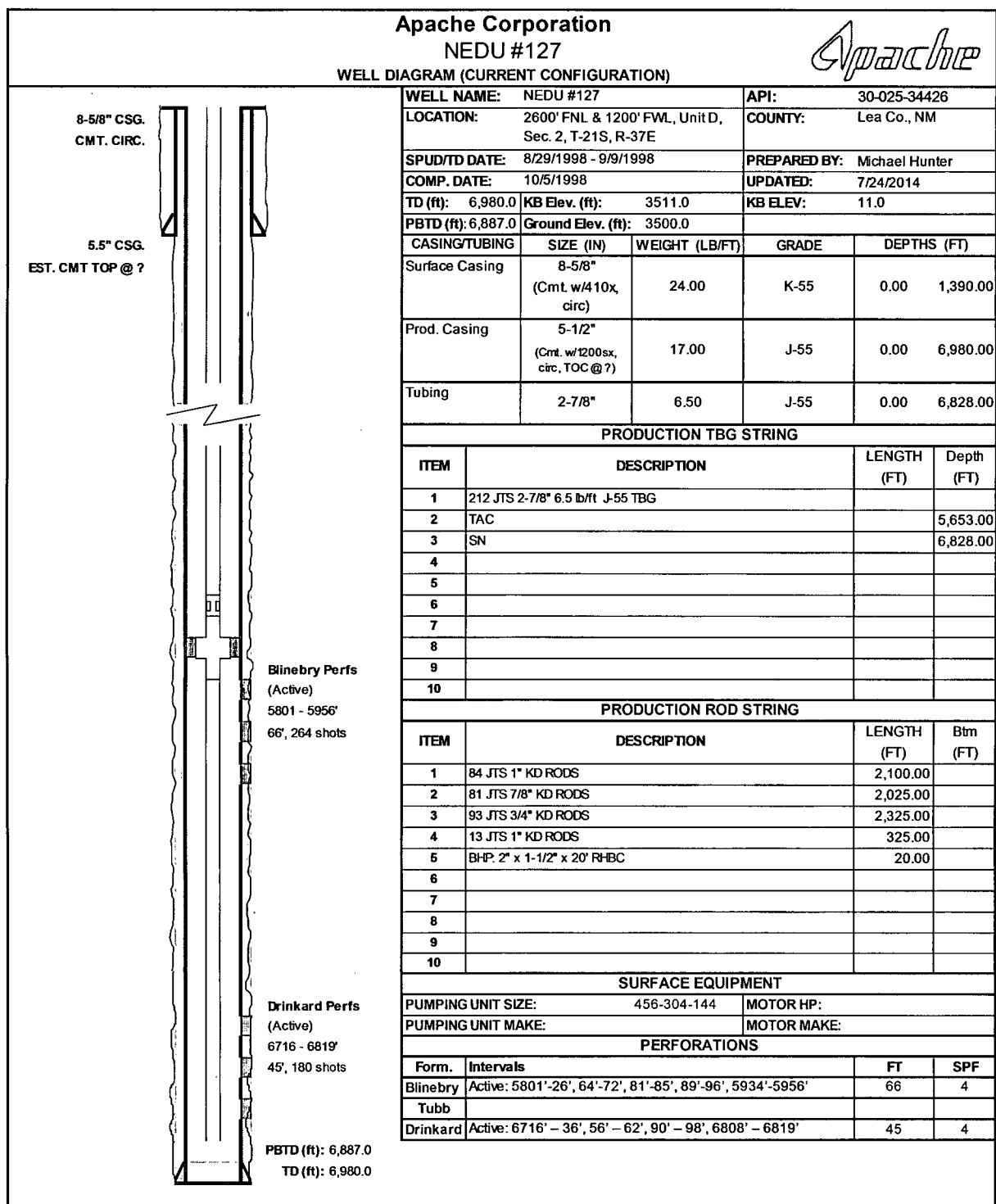
Day 8: Kill well if necessary. Release packer and retrieve RBP. POOH LD 2-7/8" work string

PU & RIH w/ 2-7/8" production tubing

Day 9: RIH w/ 1-1/2" pump and rods. Return well to production. Place well in test

NEDU #127 Proposed Perforation Intervals					
Zone	Top	Bottom	Feet	SPF	Shots
Blinebry	5969	5970	2	2	4
Blinebry	5989	5990	2	2	4
Blinebry	6065	6068	4	2	8
Blinebry	6085	6087	3	2	6
Blinebry	6091	6092	2	2	4
Blinebry	6096	6097	2	2	4
Blinebry	6164	6166	3	2	6
Blinebry	6169	6170	2	2	4
Blinebry	6175	6176	2	2	4
Tubb	6197	6198	2	2	4
Tubb	6232	6233	2	2	4
Tubb	6243	6244	2	2	4
Tubb	6252	6253	2	2	4
Tubb	6262	6263	2	2	4
Tubb	6401	6402	2	2	4
Tubb	6406	6407	2	2	4
Tubb	6414	6415	2	2	4
Tubb	6437	6441	5	2	10
Tubb	6445	6447	3	2	6
Tubb	6451	6452	2	2	4
Tubb	6460	6461	2	2	4
Tubb	6476	6477	2	2	4
Tubb	6482	6483	2	2	4
Tubb	6556	6557	2	2	4
Tubb	6569	6570	2	2	4
Tubb	6573	6574	2	2	4
Tubb	6581	6583	3	2	6
Tubb	6599	6600	2	2	4
Drinkard	6618	6619	2	2	4
Drinkard	6652	6653	2	2	4
Drinkard	6664	6665	2	2	4
Drinkard	6683	6684	2	2	4
Drinkard	6686	6687	2	2	4
Drinkard	6705	6706	2	2	4

A3. Current Wellbore Diagram



A4. Proposed Wellbore Diagram

