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

HOBBS OCD
JUL 24 2017
RECEIVED

Form C-103
Revised July 18, 2013

	WELL API NO. 30-025-37238
	5. Indicate Type of Lease STATE ☐ FEE ☑
	6. State Oil & Gas Lease No.
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.)	7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
1. Type of Well: Oil Well ☑ Gas Well ☐ Other	8. Well Number 629
2. Name of Operator Apache Corporation	9. OGRID Number 873
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	10. Pool name or Wildcat Eunice; B-T-D, North (22900)
4. Well Location Unit Letter L : 2630 feet from the South line and 330 feet from the West line Section 15 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 workover this well by cleaning out and acidizing, per the attached procedure.

Spud Date: 6/25/2005 Rig Release Date: 7/6/2005

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 7/20/2017

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

For State Use ~~Only~~

APPROVED BY: Marley B Brown TITLE AO/II DATE 7/24/2017

Conditions of Approval (if any):

NEDU 629 (API: 30-025-37238)

Proposed Workover Procedure: Clean out well and Acidize Blinebry, Tubb, Drinkard

June 20, 2017

Day 0: Test anchors. Get oil sample and send to Cudd for compatibility testing.

Day 1: MIRU. POOH w/ rods and pump. Install BOP. TFF and POOH w/ tubing.

Day 2: PU & RIH w/ 4-3/4" bit with scraper and 2-7/8" L-80 work string to PBTD at 6847'. Use bailer or foam air unit if necessary. POOH.

Day 4: MIRU wireline. RIH and correlate depths using Halliburton Spectral Density & Dual Spaced Neutron Log dated 7/6/2005.

Perforate Drinkard with 3-3/8" TAG guns and perf Drinkard per depths below (120^{0} phasing, 1 SPF).

Day 3: PU & RIH w/ RBP, Big Boy ball catcher and treating packer on 2-7/8" work string while hydrotesting tubing to 7500 psi. Set RBP at +/- 6700'. PUH and set packer at +/- 6500'

MIRU Acid Crew. Test lines to 7500 psi. Set kickouts at 6500 psi.

Acidize Drinkard with 8000 gals 15% HCl using ball sealers for diversion using pump schedule below (Max pressure: 7500 psi, Max Rate 10 BPM). Unset packer and knock off balls into ball catcher

PU RBP and set at +/- 6350'. PU and set packer at +/- 6000'.

Acidize Tubb with 2000 gals 15% HCl using rock salt for diversion after 1000 gals (Max pressure: 7500 psi, Max Rate 10 BPM). Unset packer and wash over salt.

PU RBP and set at +/- 5850'. PU and set packer at +/- 5500'.

Acidize Blinebry with 2000 gals 15% HCl using rock salt for after 1000 gals. (Max pressure: 7500 psi, Max Rate 10 BPM). Unset packer and wash over salt. Retrieve RBP and POOH and LD work string.

Day 5: PU and RIH 2-7/8" production string and set SN at +/- 6700'. RIH w/ pump and rods. RDMO. Place well on production.

Proposed Drinkard Perforations

NEDU 629 Perforations					
Guns: 3-1/8" TAG w/SDP Charges					
Zone	**Top**	**Bottom**	**Feet**	**SPF**	**Shots**
Drinkard	6530	6572	43	1	43
Drinkard	6577	6585	9	1	9
Drinkard	6590	6599	10	1	10
Drinkard	6602	6617	16	1	16
Drinkard	6619	6620	2	1	2
Drinkard	6624	6649	26	1	26
Total			**106**		**106**

Current Wellbore Diagram

Apache

Downhole Well Profile w Cement

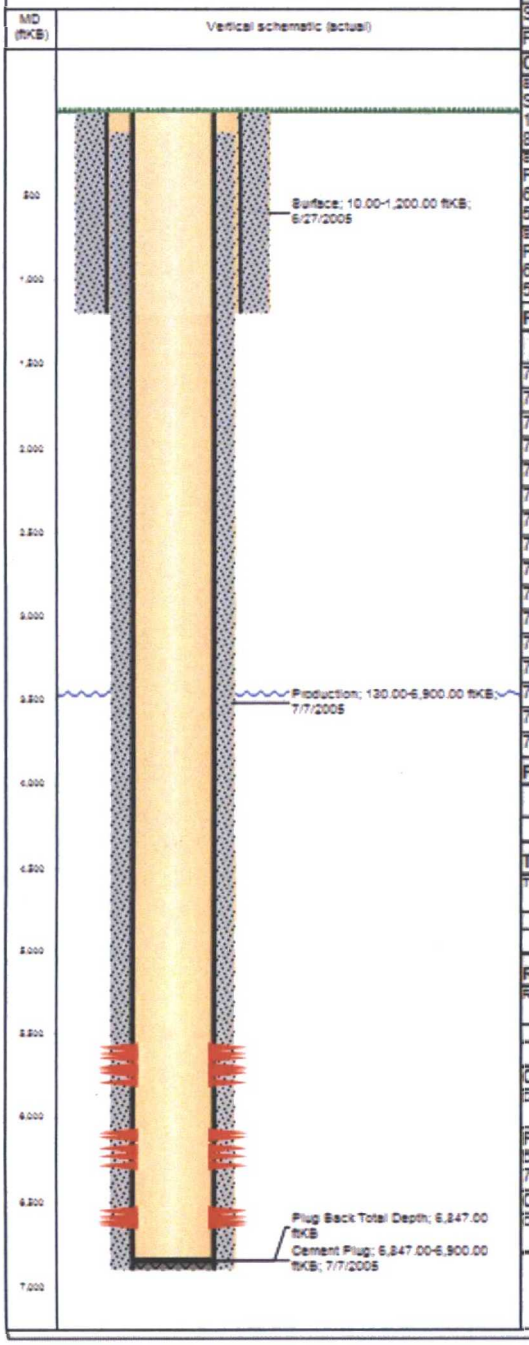
Well Name: NEDU 629

Wellbore API/UWI (API12 Digits)	Surface Legal Location	Field Name	State/Province
3002537238	2630' FSL, 330' FWL, Unit L, Sec 15, T-21S, R-37E	Eunice (North) Btd	New Mexico

Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)
6/25/2005	3,468.0	3,458.0	10.0

PBTD (All) (ftKB)	Total Depth (ftKB)	Comment
Original Hole - 6,847	6,900.0	

Production - NORTHEAST DRINKARD UNIT #629 - Original Hole, 5/8/2017 5:12:3...



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8 5/8	24.00	J-55	1,200.00
Prod 1	5 1/2	17.00	J-55	6,900.00

Cement

String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth	Start Date
Surface, 1,200.00ftKB, 8 5/8	Surface	10.00	1,200.00	Returns at Surface	6/27/2005
Prod 1, 6,900.00ftKB, 5 1/2	Production	130.00	6,900.00	Log	7/7/2005
Prod 1, 6,900.00ftKB, 5 1/2	Cement Plug	6,847.00	6,900.00	Tag	7/7/2005

Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
7/22/2005	Blinebry	No	5,578	5,581	2.0	8
7/22/2005	Blinebry	No	5,614	5,618	2.0	10
7/22/2005	Blinebry	No	5,646	5,648	2.0	6
7/22/2005	Blinebry	No	5,697	5,699	2.0	6
7/22/2005	Blinebry	No	5,717	5,720	2.0	8
7/22/2005	Blinebry	No	5,734	5,736	2.0	6
7/22/2005	Blinebry	No	5,790	5,793	2.0	8
7/15/2005	Tubb	No	6,089	6,092	2.0	8
7/15/2005	Tubb	No	6,115	6,118	2.0	8
7/15/2005	Tubb	No	6,182	6,186	2.0	10
7/15/2005	Tubb	No	6,230	6,234	2.0	10
7/15/2005	Tubb	No	6,283	6,286	2.0	8
7/11/2005	Drinkard	No	6,553	6,556	2.0	8
7/11/2005	Drinkard	No	6,582	6,582	2.0	2
7/11/2005	Drinkard	No	6,614	6,616	2.0	6
7/11/2005	Drinkard	No	6,629	6,632	2.0	8

Proposed Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Other In Hole

Description	OD (in)	Top (ftKB)	Run Date

Plug Back Total Depths

Date	Type	Depth (ftKB)	Depth (TVD) (ftKB)
7/8/2005	Cement Plug	6,847	6,846

Comments

Comment