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District I - (575) 393-6161
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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

HOBBS OGD
FEB 08 2017
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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. 30-025-41600
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B0-1481-0018
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
8. Well Number 544
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3446' 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>E</u> : <u>1355</u> feet from the <u>North</u> line and <u>1190</u> feet from the <u>West</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.) 3446' 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 is currently rigged up on this well and would like to clean out and acid stimulate the BTB, per the attached.

Spud Date:

2/9/2014

Rig Release Date:

2/15/2014

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 2/8/2017

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

Mark S Brown

TITLE

AO/II

DATE

2/8/2017

Conditions of Approval (if any):

MS

NEDU 544D (API: 30-025-41600)

Proposed Workover Procedure: Clean out and Acid Stimulate Drinkard, Tubb, Blinebry

February 7, 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/ 2-7/8" tubing

Day 2: PU & RIH w/ 5-1/2" casing scraper and 2-7/8" L-80 work string to PBTD 6954'. Use bailer or foam air unit if necessary. POOH.

Day 4: RIH w/ RBP and treating packer, set RBP at +/- 6720' PUH and set packer at +/-6400'.

Acidize Drinkard with 4000 gals 15% HCl using rock salt for diversion every 1200 gals. (Max pressure: 4500 psi, Max Rate 12 BPM). Unset packer and wash over salt.

PU RBP and set at +/- 6400'. PU and set packer at +/- 5840'.

Acidize Tubb with 3000 gals 15% HCl using rock salt for diversion every 1000 gals. (Max pressure: 4500 psi, Max Rate 12 BPM). Unset packer and wash over salt.

PU RBP and set at +/- 5850'. PU and set packer at +/- 5520'.

Acidize Blinebry with 3000 gals 15% HCl using rock salt for diversion every 1000 gals. (Max pressure: 4500 psi, Max Rate 12 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 +/- 6730'. Swab well for several hours.

Day 6: RIH w/ pump and rods. RDMO. Place well on production.



Downhole Well Profile w Cement

Well Name: NEDU 544D

Reference Datum: KB

API/UWI 3002541600	Surface Legal Location 1355' FNL, 1190' FWL, Unit E, Sec 15, T-21S, R-37E	Field Name Eunice (North) Bld	State/Province New Mexico	Well Purpose Production
Spud Date 2/9/2014 20:30	Original Drilling Rig Release 2/15/2014 21:00	Original KB Elevation (ft) 3,459.0	Ground Elevation (ft) 3,446.0	KB-Ground Distance (ft) 13.0
PBTD (AJ) (ftKB) Original Hole - 6,912		Total Depth All (TVD) (ftKB)		

Production - NORTHEAST DRINKARD UNIT 544 - Original Hole, 2/7/2017 ...		Casing Strings				
MD (ftKB)	Directional schematic (actual)	Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
		Surface	8 5/8	24.00	J-55	1,269.04
		Prod 1	5 1/2	17.00	L-80	6,954.02
		Cement				
		String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth
		Surface, 1,269.04ftKB	Surface	13.00	1,269.00	Returns at Surface
		String Prod 1, 6,954.02ftKB	Production	197.00	6,954.00	Log
		String Prod 1, 6,954.02ftKB	Cement Plug	6,912.00	6,954.00	Tag
		Perforations				
		Date	Type	Top (ftKB)	Bot (ftKB)	Shot Dense (# holes/ft)
		3/14/2014	Blinbry	5,568	5,569	1.0
		3/14/2014	Blinbry	5,591	5,592	1.0
		3/14/2014	Blinbry	5,600	5,601	1.0
		3/14/2014	Blinbry	5,620	5,621	1.0
		3/14/2014	Blinbry	5,629	5,630	1.0
		3/14/2014	Blinbry	5,642	5,643	1.0
		3/14/2014	Blinbry	5,654	5,655	1.0
		3/14/2014	Blinbry	5,673	5,674	1.0
		3/14/2014	Blinbry	5,681	5,682	1.0
		3/14/2014	Blinbry	5,689	5,690	1.0
		3/14/2014	Blinbry	5,696	5,697	1.0
		3/14/2014	Blinbry	5,702	5,703	1.0
		3/14/2014	Blinbry	5,713	5,714	1.0
		3/14/2014	Blinbry	5,720	5,721	1.0
		3/14/2014	Blinbry	5,751	5,752	1.0
		3/14/2014	Blinbry	5,765	5,766	1.0
		3/14/2014	Blinbry	5,773	5,774	1.0
		3/14/2014	Blinbry	5,798	5,799	1.0
		3/14/2014	Blinbry	5,814	5,815	1.0
		3/14/2014	Blinbry	5,888	5,889	1.0
		3/14/2014	Blinbry	5,903	5,904	1.0
		3/14/2014	Blinbry	5,959	5,960	1.0
		3/14/2014	Blinbry	5,972	5,973	1.0
		3/14/2014	Tubb	6,038	6,039	1.0
		3/14/2014	Tubb	6,055	6,057	1.0
		3/14/2014	Tubb	6,067	6,068	1.0
		3/14/2014	Tubb	6,072	6,073	1.0
		3/14/2014	Tubb	6,078	6,079	1.0
		3/14/2014	Tubb	6,086	6,087	1.0
		3/14/2014	Tubb	6,093	6,094	1.0
		3/14/2014	Tubb	6,192	6,193	1.0
		3/14/2014	Tubb	6,204	6,205	1.0
		3/14/2014	Tubb	6,208	6,209	1.0
		3/14/2014	Tubb	6,216	6,217	1.0
		3/14/2014	Tubb	6,248	6,249	1.0
		3/14/2014	Tubb	6,260	6,261	1.0
		3/14/2014	Tubb	6,266	6,267	1.0
		3/14/2014	Tubb	6,291	6,292	1.0
		3/14/2014	Tubb	6,301	6,302	1.0
		3/12/2014	Drinkard	6,452	6,453	1.0
		3/12/2014	Drinkard	6,459	6,460	1.0
		3/12/2014	Drinkard	6,467	6,468	1.0
		3/12/2014	Drinkard	6,473	6,474	1.0

Note: Directional schematic does not correlate to other tracks



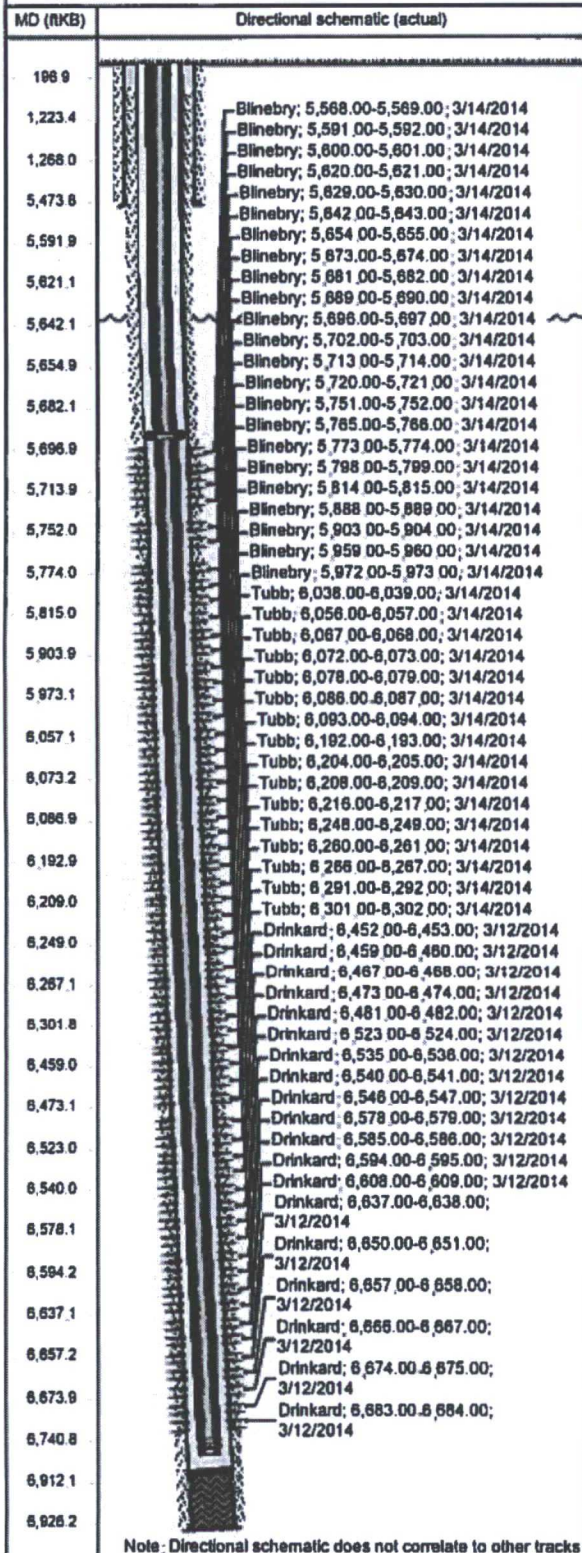
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PETD (Alt) (ftKB) Original Hole - 6,912	Total Depth Alt (TVD) (ftKB)			

Production - NORTHEAST DRINKARD UNIT 544 - Original Hole, 2/7/2017...



Perforations							
Date	Type	Top (ftKB)	Bot (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Open or Closed	
3/12/2014	Drinkard	6,481	6,482	1.0	2		
3/12/2014	Drinkard	6,523	6,524	1.0	2		
3/12/2014	Drinkard	6,535	6,536	1.0	2		
3/12/2014	Drinkard	6,540	6,541	1.0	2		
3/12/2014	Drinkard	6,546	6,547	1.0	2		
3/12/2014	Drinkard	6,578	6,579	1.0	2		
3/12/2014	Drinkard	6,585	6,586	1.0	2		
3/12/2014	Drinkard	6,594	6,595	1.0	2		
3/12/2014	Drinkard	6,608	6,609	1.0	2		
3/12/2014	Drinkard	6,637	6,638	1.0	2		
3/12/2014	Drinkard	6,650	6,651	1.0	2		
3/12/2014	Drinkard	6,657	6,658	1.0	2		
3/12/2014	Drinkard	6,666	6,667	1.0	2		
3/12/2014	Drinkard	6,674	6,675	1.0	2		
3/12/2014	Drinkard	6,683	6,684	1.0	2		

Tubing Strings							
Tubing Description		Run Date	String Length (ft)		Set Depth (ftKB)		
Tubing		3/15/2014	6,761.31		6,774.3		
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing Joint(s)	16 8			2 7/8	6.50	J-55	5,457.97
Tubing Anchor Catcher	1			4 1/2	6.50	J-55	2.75
Tubing Joint(s)	39			2 7/8	6.50	J-55	1,267.00
Sealing Nipple	1			2 7/8	6.50		1.10
Tubing Joint(s)	1			2 7/8	6.50	J-55	32.49

Rod Strings							
Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)		
Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade

Other in Hole			
Description	OD (in)	Top (ftKB)	Run Date

Plug Back Total Depths			
Date	Type	Depth (ftKB)	Depth (TVD) (ftKB)
6/2/2014		6,912	

Comments	
Comment	