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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

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

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.)		WELL API NO. 30-025-39279
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name West Blinbry Drinkard Unit (WBDU) / 37346
4. Well Location Unit Letter <u>K</u> : <u>1365</u> feet from the <u>South</u> line and <u>2630</u> feet from the <u>West</u> line Section <u>17</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>119</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3477' GL		9. OGRID Number 873
		10. Pool name or Wildcat Eunice; B-T-D, North (22900)

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 and acidize, per the attached.

Spud Date:

9/22/2009

Rig Release Date:

10/7/2009

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: [Signature] TITLE Petroleum Engineer DATE 02/10/17
Conditions of Approval (if any):

WBDU 119 (API: 30-025-39279)

Proposed Workover Procedure: Add Perforations to the Drinkard and Acid Stimulate Drinkard, Tubb, Blinebry

January 27, 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 6883'. Use bailer or foam air unit if necessary. POOH.

Day 3: MIRU WL. RIH & correlate depths to CNL/GR/CCL log run 10/8/2009.

Perforate the Drinkard formations as per the attached sheet with 3-3/8" TAGs loaded with SDP charges (2 SPF, 90° phasing). POOH & RD WL.

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

Day 4: Cont. RIH w/ RBP and treating packer, set RBP at +/- 6730' PUH and set packer at +/-6520'.

Acidize Drinkard with 8000 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 +/- 6400'. PU and set packer at +/- 6050'.

Acidize Tubb with 2000 gals 15% HCl using rock salt for diversion every 500 gals. (Max pressure: 4500 psi, Max Rate 12 BPM). Unset packer and wash over salt.

PU RBP and set at +/- 6050'. PU and set packer at +/- 5590'.

Acidize Blinebry with 2000 gals 15% HCl using rock salt for diversion every 500 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.

WBDU 119 Perforations					
Guns: 3-3/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Drinkard	6566	6569	4	2	8
Drinkard	6574	6578	5	2	10
Drinkard	6584	6589	6	2	12
Drinkard	6621	6622	2	2	4
Drinkard	6630	6632	3	2	6
Drinkard	6642	6647	6	2	12
Drinkard	6654	6672	19	2	38
Drinkard	6682	6689	8	2	16
Drinkard	6693	6695	3	2	6
Total			56		112



Downhole Well Profile w Cement

Well Name: WBDU 119

Reference Datum: KB

API/UWI 3002539279	Surface Legal Location 1365' FSL, 2630' FWL, Unit K, Sec 17, T-21S, R-37E	Field Name Eunice Area	State/Province New Mexico	Well Purpose Production
Spud Date 9/22/2009 15:00	Original Drilling Rig Release 10/7/2009 08:00	Original KB Elevation (ft) 3,488.0	Ground Elevation (ft) 3,477.0	KB-Ground Distance (ft) 11.0
PBTD (All) (ftKB) Original Hole - 6,883	Total Depth All (TVD) (ftKB)			

Production - WEST BLINEBRY DRINKARD UNIT 119 - Original Hole, 1/31/...		Casing Strings				
MD (ftKB)	Vertical schematic (actual)	Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
		Surface	8 5/8	24.00	K-55	1,265.00
		Prod 1	5 1/2	17.00	K-55	6,899.97
Cement						
		String Surface, 1,265.00ftKB	Description Surface	Top Depth (ftKB) 11.00	Bottom Depth (ftKB) 1,265.00	Top Meas Meth Returns at Surface Start Date 9/23/2009
		String Prod 1, 6,899.97ftKB	Description Cement Plug	Top Depth (ftKB) 6,883.00	Bottom Depth (ftKB) 6,900.00	Top Meas Meth Log Start Date 10/6/2009
		String Prod 1, 6,899.97ftKB	Description PRIM CMT 1ST STAGE	Top Depth (ftKB) 6,289.00	Bottom Depth (ftKB) 6,900.00	Top Meas Meth DV Tool Start Date 10/6/2009
		String Prod 1, 6,899.97ftKB	Description PRIM CMT 2ND STAGE	Top Depth (ftKB) 4,680.00	Bottom Depth (ftKB) 6,289.00	Top Meas Meth DV Tool Start Date 10/6/2009
		String Prod 1, 6,899.97ftKB	Description PRIM CMT 3RD STAGE	Top Depth (ftKB) 1,355.00	Bottom Depth (ftKB) 4,014.00	Top Meas Meth Log Start Date 10/6/2009
		String Prod 1, 6,899.97ftKB	Description Cement Squeeze	Top Depth (ftKB) 4,437.00	Bottom Depth (ftKB) 4,472.00	Top Meas Meth Calculated Start Date 4/4/2012
		String Prod 1, 6,899.97ftKB	Description Cement Squeeze	Top Depth (ftKB) 4,150.00	Bottom Depth (ftKB) 4,680.00	Top Meas Meth Log Start Date 4/4/2012
Perforations						
Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
10/14/2009	Blinebry	No	5,648	5,648	2.0	2
10/14/2009	Blinebry	No	5,650	5,650	2.0	2
10/14/2009	Blinebry	No	5,652	5,652	2.0	2
10/14/2009	Blinebry	No	5,654	5,654	2.0	2
10/14/2009	Blinebry	No	5,662	5,662	2.0	2
10/14/2009	Blinebry	No	5,679	5,679	2.0	2
10/14/2009	Blinebry	No	5,682	5,682	2.0	2
10/14/2009	Blinebry	No	5,689	5,689	2.0	2
10/14/2009	Blinebry	No	5,724	5,724	2.0	2
10/14/2009	Blinebry	No	5,746	5,746	2.0	2
10/14/2009	Blinebry	No	5,768	5,768	2.0	2
10/14/2009	Blinebry	No	5,782	5,782	2.0	2
10/14/2009	Blinebry	No	5,798	5,798	2.0	2
10/14/2009	Blinebry	No	5,805	5,805	2.0	2
10/14/2009	Blinebry	No	5,808	5,808	2.0	2
10/14/2009	Blinebry	No	5,810	5,810	2.0	2
10/14/2009	Blinebry	No	5,821	5,821	2.0	2
10/14/2009	Blinebry	No	5,860	5,860	2.0	2
10/14/2009	Blinebry	No	5,929	5,929	2.0	2
10/14/2009	Blinebry	No	5,947	5,947	2.0	2
10/14/2009	Tubb	No	6,116	6,116	2.0	2
10/14/2009	Tubb	No	6,118	6,118	2.0	2
10/14/2009	Tubb	No	6,194	6,194	2.0	2
10/14/2009	Tubb	No	6,198	6,198	2.0	2
10/14/2009	Tubb	No	6,208	6,208	2.0	2
10/14/2009	Tubb	No	6,214	6,214	2.0	2
10/14/2009	Tubb	No	6,220	6,220	2.0	2
10/14/2009	Tubb	No	6,236	6,236	2.0	2
10/14/2009	Tubb	No	6,239	6,239	2.0	2
10/14/2009	Tubb	No	6,246	6,246	2.0	2
10/14/2009	Tubb	No	6,255	6,255	2.0	2
10/14/2009	Tubb	No	6,260	6,260	2.0	2
10/14/2009	Tubb	No	6,268	6,268	2.0	2
10/14/2009	Tubb	No	6,286	6,286	2.0	2



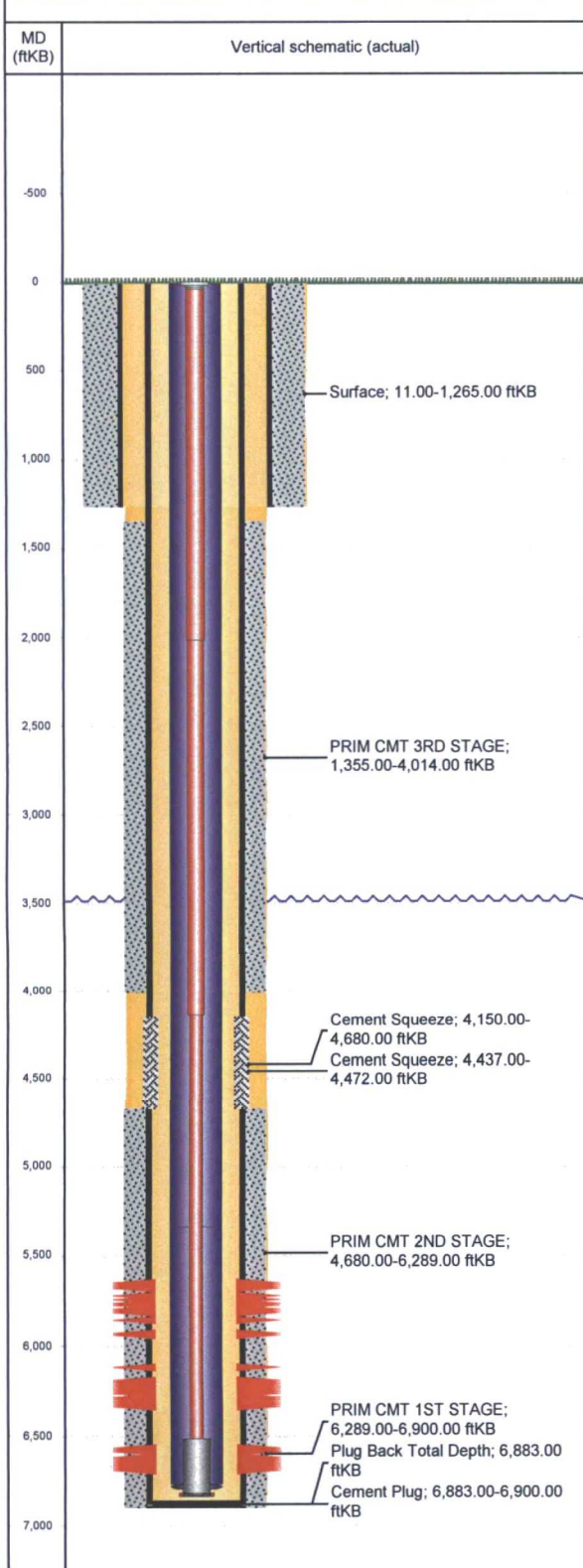
Downhole Well Profile w Cement

Well Name: WBDU 119

Reference Datum: KB

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PBTD (All) (ftKB) Original Hole - 6,883		Total Depth All (TVD) (ftKB)		

Production - WEST BLINEBRY DRINKARD UNIT 119 - Original Hole, 1/31/...



Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
10/14/2009	Tubb	No	6,297	6,297	2.0	2
10/14/2009	Tubb	No	6,304	6,304	2.0	2
10/14/2009	Tubb	No	6,323	6,323	2.0	2
10/14/2009	Tubb	No	6,326	6,326	2.0	2
10/14/2009	Tubb	No	6,330	6,330	2.0	2
10/14/2009	Tubb	No	6,334	6,334	2.0	2
10/12/2009	Drinkard	No	6,564	6,564	2.0	2
10/12/2009	Drinkard	No	6,568	6,568	2.0	2
10/12/2009	Drinkard	No	6,576	6,576	2.0	2
10/12/2009	Drinkard	No	6,585	6,585	2.0	2
10/12/2009	Drinkard	No	6,587	6,587	2.0	2
10/12/2009	Drinkard	No	6,615	6,615	2.0	2
10/12/2009	Drinkard	No	6,622	6,622	2.0	2
10/12/2009	Drinkard	No	6,631	6,631	2.0	2
10/12/2009	Drinkard	No	6,644	6,644	2.0	2
10/12/2009	Drinkard	No	6,646	6,646	2.0	2
10/12/2009	Drinkard	No	6,659	6,659	2.0	2
10/12/2009	Drinkard	No	6,662	6,662	2.0	2
10/12/2009	Drinkard	No	6,664	6,664	2.0	2
10/12/2009	Drinkard	No	6,671	6,671	2.0	2
10/12/2009	Drinkard	No	6,683	6,683	2.0	2
10/12/2009	Drinkard	No	6,686	6,686	2.0	2
10/12/2009	Drinkard	No	6,694	6,694	2.0	2

Proposed Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
	Drinkard	Yes	6,566	6,569	2.0	8
	Drinkard	Yes	6,574	6,578	2.0	10
	Drinkard	Yes	6,584	6,589	2.0	12
	Drinkard	Yes	6,621	6,622	2.0	4
	Drinkard	Yes	6,630	6,632	2.0	6
	Drinkard	Yes	6,642	6,647	2.0	12
	Drinkard	Yes	6,654	6,672	2.0	38
	Drinkard	Yes	6,682	6,689	2.0	16
	Drinkard	Yes	6,693	6,695	2.0	6

Tubing Strings

Tubing Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Tubing - Production		4/1/2013		6,788.12		6,799.1	
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing			T&C Upset	2 7/8	6.50	J-55	5,326.02
Anchor/catcher w. 35K Shear				5 1/2			2.70
Tubing			T&C Upset	2 7/8	6.50	J-55	1,426.20
Keystone Blast Joint				2 7/8	6.50	J-55	32.10
Seat Nipple API w/ CrossOver				2 3/8			1.10

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ft)KB				
Rod	4/2/2013	6,839.0	6,839.0				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polished Rod SM w/ 7/8" Pins		Norris	Stainless Steel	1 1/2			26.00
Pony Rod w/ SMFH Cplg				1	2.90	KD	6.00
Pony Rod w/ SMFH Cplg				1	2.90	KD	8.00



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