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District I - (575) 393-6161
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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 CCD
OCT 23 2017
RECEIVED

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. 30-025-39708
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 Blinebry Drinkard Unit (WBDU) / 37346
4. Well Location Unit Letter V Lot N : 760 feet from the South line and 2630 feet from the West line Section 04 Township 21S Range 37E NMPM County Lea		8. Well Number 100
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3471' 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 workover this well by adding Drinkard pay and acidizing, per the attached.

Spud Date:

4/17/2010

Rig Release Date:

4/23/2010

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 10/19/2017

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

Mary Brown

TITLE

AO/II

DATE

10/23/2017

Conditions of Approval (if any):

WBDU 100 (API: 30-025-39708)

Proposed Workover Procedure: Add pay in Drinkard and Acidize

October 5, 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. Tag fill and POOH and scan 2-7/8" tubing. LD bad joints

Day 2: PU & RIH w/ 4-3/4" bit with scraper and 2-7/8" L-80 work string to 6900' (approx. 100' below bottom perf). Use bailer or foam air unit if necessary. POOH.

Day 3: MIRU WL. RIH & correlate depths to Weatherford CNL/GR log run 5/23/2010.

Perforate the Drinkard formations as per the attached sheet using 3-1/8" TAGs loaded with SDP charges (1 SPF, 180° phasing). POOH & RD WL.

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

Day 4: Cont. RIH w/ RBP and treating packer. Set RBP at 6850' and set packer at +/-6450'. MIRU Acid crew. Test lines to 7500 psi.

Acidize Drinkard with 8000 gals 15% HCl using rock salt for diversion every 2500 gals. Drop minimum of 2000 #'s on the first drop.

(Max pressure: 6500 psi, Max Rate 6 BPM).

Wash over salt. PU RBP and set at 6400'. Set packer at 6100'.

Acidize Tubb with 2000 gals 15% HCl using rock salt for diversion after 1000 gals. Drop minimum of 2000 #'s on the first drop.

Wash over salt. PU RBP and set at 5950'. Set packer at 5550'.

Acidize Blinebry with 2000 gals 15% HCl using rock salt for diversion after 1000 gals. Drop minimum of 2000 #'s on the first drop.

Wash over salt. POOH and LD workstring.

Day 5: PU and RIH 2-7/8" production string and set SN at +/- 6850'. Replace bad joints with L-80 and run on bottom. RIH w/ pump and rods. RDMO. Place well on production.

Suggested Perforations:

WBDU 100 Perforations					
Guns: 3-1/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Drinkard	6646	6646	1	1	1
Drinkard	6647	6647	1	1	1
Drinkard	6649	6649	1	1	1
Drinkard	6650	6650	1	1	1
Drinkard	6653	6653	1	1	1
Drinkard	6654	6654	1	1	1
Drinkard	6655	6655	1	1	1
Drinkard	6659	6659	1	1	1
Drinkard	6660	6660	1	1	1
Drinkard	6661	6661	1	1	1
Drinkard	6663	6663	1	1	1
Drinkard	6664	6664	1	1	1
Drinkard	6667	6667	1	1	1
Drinkard	6668	6668	1	1	1
Drinkard	6669	6669	1	1	1
Drinkard	6680	6680	1	1	1
Drinkard	6682	6682	1	1	1
Drinkard	6689	6689	1	1	1
Total			18		18



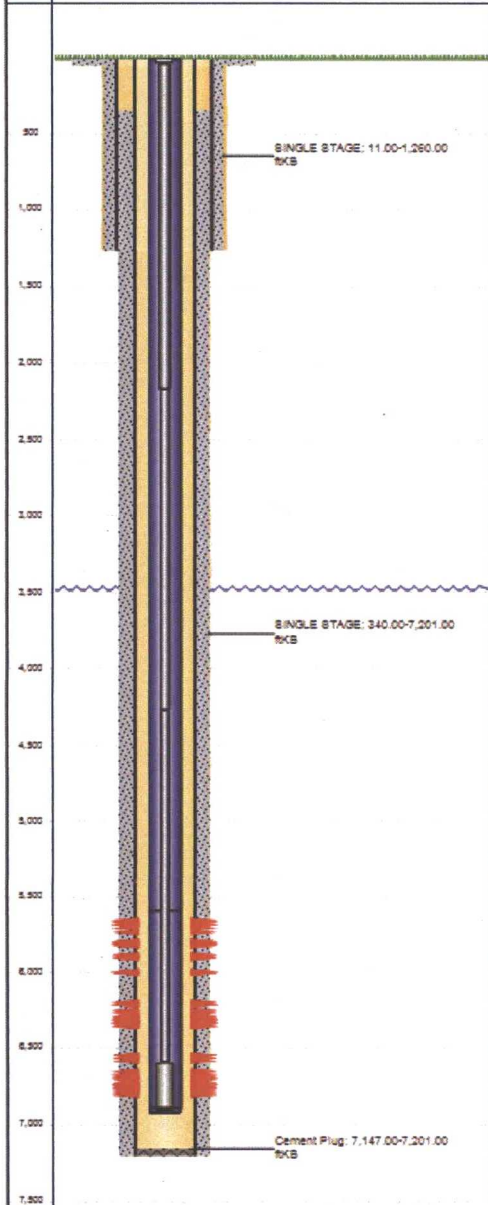
Downhole Well Profile w Cement

Well Name: WBDU 100

API/Well Loc 3002539708	Surface Legal Location 760' FSL, 2630' FWL, Unit V, Sec 4, T-21S, R-37E	Field Name EUNICE AREA (WBDU)	State/Province New Mexico
Spud Date 4/17/2010	Original KB Elevation (ft) 3,482.0	Ground Elevation (ft) 3,471.0	KB-Ground Distance (ft) 11.0
FBTD (ft) (KB) 7,201.0	Total Depth (ft) (KB) 7,201.0	Comment	

Production - WEST BLINEBRY DRINKARD UNIT 100 - Original Hole, 10/6/2017 11...

MO	Vertical schematic (actual)	Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ft) (KB)
		Surface	8 5/8	24.00	J-55	1,259.98
		Prod 1	5 1/2	17.00	J-55	7,200.98



String	Description	Top Depth (ft) (KB)	Bottom Depth (ft) (KB)	Top Meas Meth	Start Date
Surface, 1,259.98ftKB, 8 5/8	SINGLE STAGE	11.00	1,260.00	Returns at Surface	4/17/2010
Prod 1, 7,200.98ftKB, 5 1/2	Cement Plug	7,147.00	7,201.00	Tag	4/24/2010
Prod 1, 7,200.98ftKB, 5 1/2	SINGLE STAGE	340.00	7,201.00	Log	4/24/2010

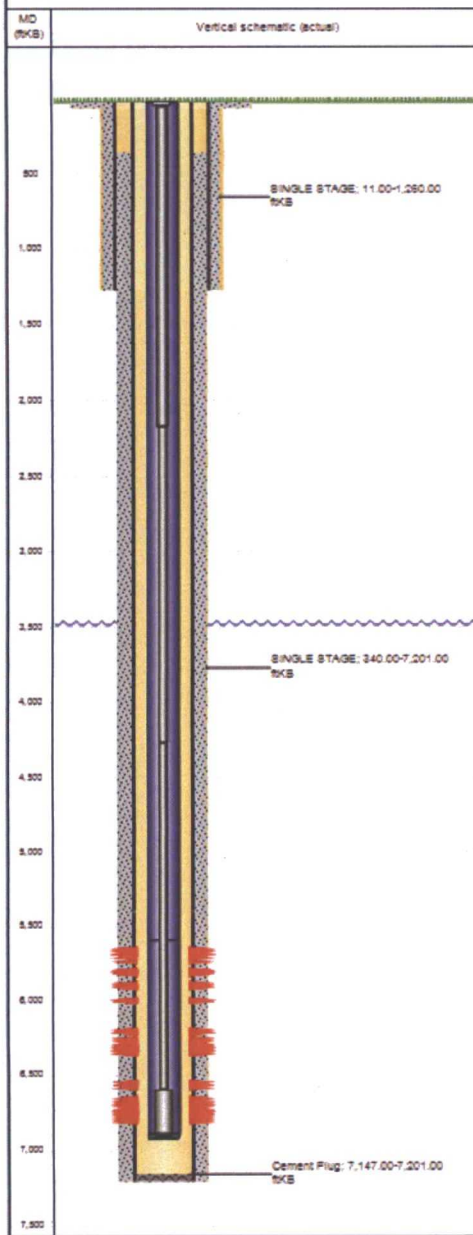
Perforations						
Date	Type	Prop?	Top (ft) (KB)	Blm (ft) (KB)	Shot Dens (shots/ft)	Entered Shot Total
5/11/2010	Blinebry	No	5,641	5,641	2.0	2
5/11/2010	Blinebry	No	5,652	5,652	2.0	2
5/11/2010	Blinebry	No	5,657	5,657	2.0	2
5/11/2010	Blinebry	No	5,662	5,662	2.0	2
5/11/2010	Blinebry	No	5,664	5,664	2.0	2
5/11/2010	Blinebry	No	5,681	5,681	2.0	2
5/11/2010	Blinebry	No	5,685	5,685	2.0	2
5/11/2010	Blinebry	No	5,687	5,687	2.0	2
5/11/2010	Blinebry	No	5,699	5,699	2.0	2
5/11/2010	Blinebry	No	5,734	5,734	2.0	2
5/11/2010	Blinebry	No	5,788	5,788	2.0	2
5/11/2010	Blinebry	No	5,790	5,790	2.0	2
5/11/2010	Blinebry	No	5,792	5,792	2.0	2
5/11/2010	Blinebry	No	5,794	5,794	2.0	2
5/11/2010	Blinebry	No	5,796	5,796	2.0	2
5/11/2010	Blinebry	No	5,805	5,805	2.0	2
5/11/2010	Blinebry	No	5,811	5,811	2.0	2
5/11/2010	Blinebry	No	5,815	5,815	2.0	2
5/11/2010	Blinebry	No	5,821	5,821	2.0	2
5/11/2010	Blinebry	No	5,876	5,876	2.0	2
5/11/2010	Blinebry	No	5,881	5,881	2.0	2
5/11/2010	Blinebry	No	5,889	5,889	2.0	2
5/11/2010	Blinebry	No	5,898	5,898	2.0	2
5/11/2010	Blinebry	No	5,906	5,906	2.0	2
5/11/2010	Blinebry	No	5,984	5,984	2.0	2
5/11/2010	Blinebry	No	5,986	5,986	2.0	2
5/11/2010	Blinebry	No	5,998	5,998	2.0	2
5/11/2010	Blinebry	No	5,999	5,999	2.0	2
5/11/2010	Tubb	No	6,185	6,185	2.0	2
5/11/2010	Tubb	No	6,194	6,194	2.0	2
5/11/2010	Tubb	No	6,205	6,205	2.0	2
5/11/2010	Tubb	No	6,207	6,207	2.0	2
5/11/2010	Tubb	No	6,209	6,209	2.0	2
5/11/2010	Tubb	No	6,247	6,247	2.0	2
5/11/2010	Tubb	No	6,258	6,258	2.0	2
5/11/2010	Tubb	No	6,263	6,263	2.0	2
5/11/2010	Tubb	No	6,279	6,279	2.0	2
5/11/2010	Tubb	No	6,286	6,286	2.0	2
5/11/2010	Tubb	No	6,290	6,290	2.0	2



Downhole Well Profile w Cement

Well Name: WBDU 100

Production - WEST BLINERY DRINKARD UNIT 100 - Original Hole: 10/5/2017 11...



Perforations

Date	Type	Prop?	Top (ftKB)	Bot (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
5/11/2010	Tubb	No	6,294	6,294	2.0	2
5/11/2010	Tubb	No	6,298	6,298	2.0	2
5/11/2010	Tubb	No	6,302	6,302	2.0	2
5/11/2010	Tubb	No	6,311	6,311	2.0	2
5/11/2010	Tubb	No	6,314	6,314	2.0	2
5/11/2010	Tubb	No	6,320	6,320	2.0	2
5/11/2010	Tubb	No	6,324	6,324	2.0	2
5/11/2010	Tubb	No	6,328	6,328	2.0	2
5/11/2010	Tubb	No	6,332	6,332	2.0	2
5/11/2010	Tubb	No	6,334	6,334	2.0	2
5/11/2010	Tubb	No	6,336	6,336	2.0	2
5/11/2010	Tubb	No	6,342	6,342	2.0	2
5/11/2010	Tubb	No	6,348	6,348	2.0	2
5/11/2010	Tubb	No	6,350	6,350	2.0	2
5/5/2010	Drinkard	No	6,540	6,540	2.0	2
5/5/2010	Drinkard	No	6,543	6,543	2.0	2
5/5/2010	Drinkard	No	6,560	6,560	2.0	2
5/5/2010	Drinkard	No	6,562	6,562	2.0	2
5/5/2010	Drinkard	No	6,578	6,578	2.0	2
5/5/2010	Drinkard	No	6,638	6,638	2.0	2
5/5/2010	Drinkard	No	6,648	6,648	2.0	2
5/5/2010	Drinkard	No	6,662	6,662	2.0	2
5/5/2010	Drinkard	No	6,670	6,670	2.0	2
5/5/2010	Drinkard	No	6,681	6,681	2.0	2
5/5/2010	Drinkard	No	6,690	6,690	2.0	2
5/5/2010	Drinkard	No	6,698	6,698	2.0	2
5/5/2010	Drinkard	No	6,700	6,700	2.0	2
5/5/2010	Drinkard	No	6,718	6,718	2.0	2
5/5/2010	Drinkard	No	6,724	6,724	2.0	2
5/5/2010	Drinkard	No	6,731	6,731	2.0	2
5/5/2010	Drinkard	No	6,737	6,737	2.0	2
5/5/2010	Drinkard	No	6,744	6,744	2.0	2
5/5/2010	Drinkard	No	6,746	6,746	2.0	2
5/5/2010	Drinkard	No	6,752	6,752	2.0	2
5/5/2010	Drinkard	No	6,757	6,757	2.0	2
5/5/2010	Drinkard	No	6,762	6,762	2.0	2
5/5/2010	Drinkard	No	6,764	6,764	2.0	2
5/5/2010	Drinkard	No	6,766	6,766	2.0	2
5/5/2010	Drinkard	No	6,779	6,779	2.0	2
5/5/2010	Drinkard	No	6,789	6,789	2.0	2
5/5/2010	Drinkard	No	6,800	6,800	2.0	2
5/5/2010	Drinkard	No	6,804	6,804	2.0	2

Proposed Perforations

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

Tubing Strings

Tubing Description	Run Date	String Length (ft)		Set Depth (ftKB)			
Tubing - Production	10/9/2015	6,916.76		6,927.8			
Item Des	JIS	Make	Model	OD (in)	WT (lb/ft)	Grade	Len (ft)
Tubing	17		T&C Non-Upset	2 7/8	6.40	J-55	5,576.83
Anchor/catcher	1			5 1/2	6.40	J-55	2.70