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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

Form C-103
Revised July 18, 2013

HOBBS OCD
FEB 1 0205
RECEIVED

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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. 30-025-37201
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. BO-0085
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>J</u> : <u>1650</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>16</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>079</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3458' 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 intends to workover this well by adding perfs and acidizing, per the attached procedure.

Spud Date:

6/24/2005

Rig Release Date:

7/9/2005

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 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 79 (API: 30-025-37201)

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 +/-6800. Use bailer or foam air unit if necessary. POOH.

Day 3: MIRU WL. RIH & correlate depths to CNL/GR/CCL log run 7/15/2005.

Perforate the Drinkard formations as per the attached sheet with 3-3/8" TAGs loaded with SDP charges (1 SPF, 180° 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 +/- 6700' PUH and set packer at +/-6450'.

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 +/- 6300'. PU and set packer at +/- 6000'.

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 +/- 5900'. PU and set packer at +/- 5500'.

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 +/- 6700'. Swab well for several hours.

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

WBDU 79 Perforations					
Guns: 3-3/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Drinkard	6502	6534	33	1	33
Drinkard	6539	6542	4	1	4
Drinkard	6552	6560	9	1	9
Drinkard	6585	6595	11	1	11
Drinkard	6600	6604	5	1	5
Drinkard	6606	6612	7	1	7
Drinkard	6614	6665	52	1	52
Total			121		121



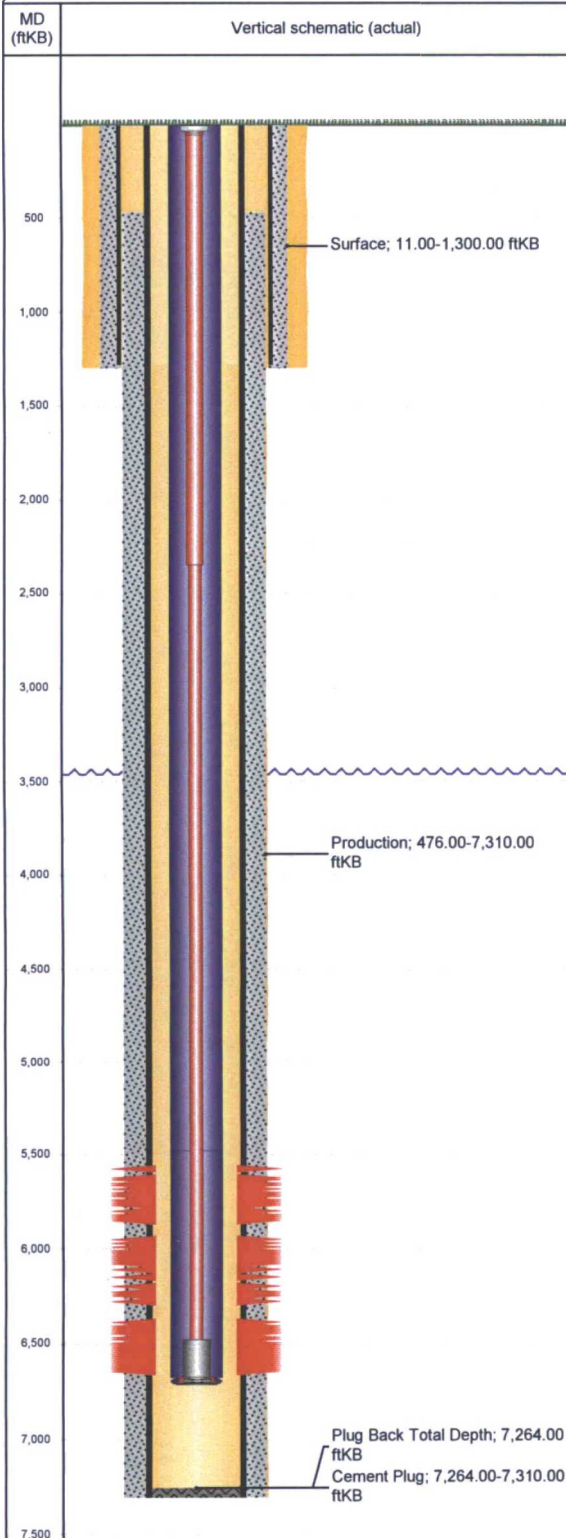
Downhole Well Profile w Cement

Well Name: WBDU 79

Reference Datum: KB

API/UWI 3002537201	Surface Legal Location 1650' FSL, 1650' FEL, Unit J, Sec 16, T-21S, R-37E	Field Name Eunice (North) Btd	State/Province New Mexico	Well Purpose Production
Spud Date 6/24/2005 18:30	Original Drilling Rig Release 1/8/2006 00:00	Original KB Elevation (ft) 3,469.0	Ground Elevation (ft) 3,458.0	KB-Ground Distance (ft) 11.0
PBTD (All) (ftKB) Original Hole - 7,264	Total Depth All (TVD) (ftKB)			

Production - WEST BLINEBRY DRINKARD UNIT 079 - Original Hole, 1/31/...



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8 5/8	24.00	J-55	1,289.00
Prod 1	5 1/2	17.00	J-55	7,310.00

Cement

String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth	Start Date
Surface, 1,289.00ftKB	Surface	11.00	1,300.00	Returns at Surface	6/25/2005
String Prod 1, 7,310.00ftKB	Production	476.00	7,310.00	Top Meas Meth Log	7/10/2005
String Prod 1, 7,310.00ftKB	Cement Plug	7,264.00	7,310.00	Top Meas Meth Tag	7/10/2005

Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
8/1/2005	Blinebry	No	5,578	5,580	2.0	6
6/20/2014	Blinebry	No	5,628	5,629	2.0	4
6/20/2014	Blinebry	No	5,638	5,639	2.0	4
6/20/2014	Blinebry	No	5,644	5,645	2.0	4
8/1/2005	Blinebry	No	5,656	5,659	2.0	8
6/20/2014	Blinebry	No	5,670	5,671	2.0	4
6/20/2014	Blinebry	No	5,686	5,687	2.0	4
6/20/2014	Blinebry	No	5,708	5,709	2.0	4
8/1/2005	Blinebry	No	5,715	5,718	2.0	8
6/20/2014	Blinebry	No	5,728	5,729	2.0	4
6/20/2014	Blinebry	No	5,746	5,747	2.0	4
6/20/2014	Blinebry	No	5,759	5,760	2.0	4
8/1/2005	Blinebry	No	5,766	5,770	2.0	10
6/20/2014	Blinebry	No	5,780	5,781	2.0	4
8/1/2005	Blinebry	No	5,805	5,809	2.0	10
6/20/2014	Blinebry	No	5,826	5,827	2.0	4
6/20/2014	Blinebry	No	5,834	5,835	2.0	4
6/20/2014	Blinebry	No	5,846	5,847	2.0	4
8/1/2005	Blinebry	No	5,862	5,865	2.0	8
6/20/2014	Blinebry	No	5,960	5,961	2.0	4
6/20/2014	Blinebry	No	5,974	5,975	2.0	4
6/20/2014	Tubb	No	5,998	5,999	2.0	4
6/20/2014	Tubb	No	6,014	6,015	2.0	4
6/20/2014	Tubb	No	6,024	6,025	2.0	4
6/20/2014	Tubb	No	6,032	6,033	2.0	4
6/20/2014	Tubb	No	6,040	6,041	2.0	4
6/20/2014	Tubb	No	6,048	6,049	2.0	4
7/26/2005	Tubb	No	6,060	6,062	2.0	6
6/20/2014	Tubb	No	6,068	6,069	2.0	4
6/20/2014	Tubb	No	6,072	6,073	2.0	4
6/20/2014	Tubb	No	6,088	6,093	2.0	12
6/20/2014	Tubb	No	6,110	6,111	2.0	4
7/26/2005	Tubb	No	6,156	6,160	2.0	10
7/26/2005	Tubb	No	6,205	6,207	2.0	6
6/20/2014	Tubb	No	6,237	6,238	2.0	4
6/20/2014	Tubb	No	6,242	6,243	2.0	4
6/20/2014	Tubb	No	6,247	6,248	2.0	4
7/26/2005	Tubb	No	6,254	6,256	2.0	6
6/20/2014	Tubb	No	6,278	6,279	2.0	4
6/20/2014	Tubb	No	6,387	6,388	2.0	4
6/20/2014	Tubb	No	6,393	6,394	2.0	4
6/20/2014	Drinkard	No	6,411	6,412	2.0	4
6/20/2014	Drinkard	No	6,418	6,419	2.0	4



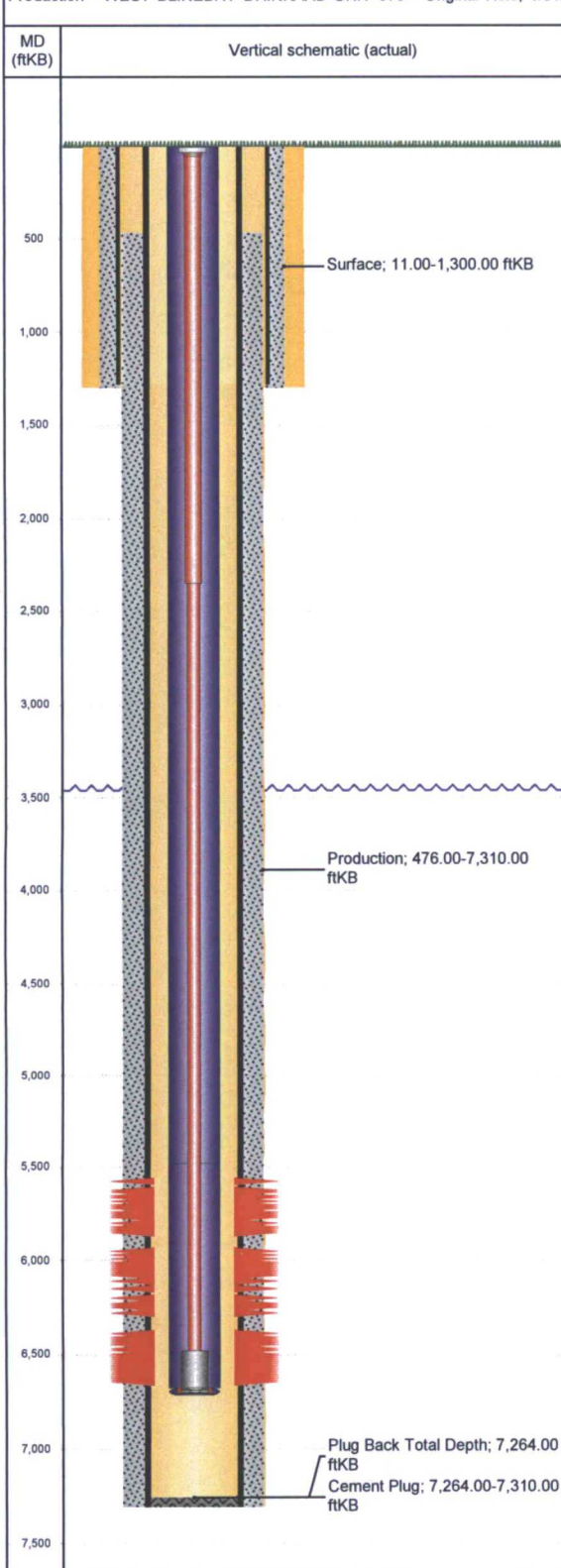
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Production - WEST BLINEBRY DRINKARD UNIT 079 - Original Hole, 1/31/...



Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
6/20/2014	Drinkard	No	6,428	6,429	2.0	4
6/20/2014	Drinkard	No	6,442	6,443	2.0	4
6/20/2014	Drinkard	No	6,448	6,449	2.0	4
6/20/2014	Drinkard	No	6,454	6,455	2.0	4
6/20/2014	Drinkard	No	6,467	6,468	2.0	4
6/20/2014	Drinkard	No	6,477	6,478	2.0	4
6/20/2014	Drinkard	No	6,485	6,486	2.0	4
6/20/2014	Drinkard	No	6,496	6,497	2.0	4
6/20/2014	Drinkard	No	6,503	6,506	2.0	8
6/20/2014	Drinkard	No	6,511	6,513	2.0	6
6/20/2014	Drinkard	No	6,521	6,524	2.0	8
7/20/2005	Drinkard	No	6,529	6,531	2.0	6
6/20/2014	Drinkard	No	6,539	6,541	2.0	6
6/20/2014	Drinkard	No	6,552	6,553	2.0	4
7/20/2005	Drinkard	No	6,556	6,558	2.0	6
6/20/2014	Drinkard	No	6,562	6,563	2.0	4
6/20/2014	Drinkard	No	6,570	6,571	2.0	4
6/20/2014	Drinkard	No	6,574	6,575	2.0	4
6/20/2014	Drinkard	No	6,578	6,579	2.0	4
7/20/2005	Drinkard	No	6,586	6,588	2.0	6
6/20/2014	Drinkard	No	6,593	6,594	2.0	4
6/20/2014	Drinkard	No	6,601	6,602	2.0	4
6/20/2014	Drinkard	No	6,608	6,611	2.0	8
7/20/2005	Drinkard	No	6,618	6,622	2.0	10
6/20/2014	Drinkard	No	6,627	6,629	2.0	6
6/20/2014	Drinkard	No	6,633	6,635	2.0	6
6/20/2014	Drinkard	No	6,639	6,640	2.0	4
7/20/2005	Drinkard	No	6,645	6,647	2.0	6
6/20/2014	Drinkard	No	6,651	6,651	2.0	2

Proposed Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
	Drinkard	Yes	6,502	6,534	1.0	33
	Drinkard	Yes	6,539	6,542	1.0	4
	Drinkard	Yes	6,552	6,560	1.0	9
	Drinkard	Yes	6,585	6,595	1.0	11
	Drinkard	Yes	6,600	6,604	1.0	5
	Drinkard	Yes	6,606	6,612	1.0	7
	Drinkard	Yes	6,614	6,665	1.0	52

Tubing Strings

Tubing Description Tubing - Production		Run Date 9/17/2014		String Length (ft) 6,703.61		Set Depth (ftKB) 6,714.6		
Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing				T&C Upset	2 7/8	6.50	J-55	5,473.20
Anchor/catcher					5 1/2			2.70
Tubing				T&C Upset	2 7/8	6.50	J-55	1,194.16
Blast Joint					2 7/8	6.50		32.45
Seat Nipple					2 7/8			1.10

Rod Strings

Rod Description Rod		Run Date 9/17/2014		String Length (ft) 6,696.0		Set Depth (ft)KB 6,705.0		
Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polished Rod			Norris	Stainless Steel	1 1/2			26.00
Sucker Rod			Norris	Grade 40	1	2.90	KD	8.00



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