

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Hobbs

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM90161
2. Name of Operator APACHE CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: REESA FISHER E-Mail: Reesa.Fisher@apachecorp.com		7. If Unit or CA/Agreement, Name and/or No. NMNM120042X
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1062	8. Well Name and No. WEST BLINEBRY DRINKARD UNIT 124
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T21S R37E SESE 170FSL 1180FEL		9. API Well No. 30-025-40274
		10. Field and Pool or Exploratory Area EUNICE; B-T-D, NORTH
		11. County or Parish, State LEA COUNTY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Workover Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Apache intends to workover this well by adding perfs to the Drinkard and acidizing BTB, per the attached.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #366533 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/13/2017 ()	
Name (Printed/Typed) REESA FISHER	Title SR STAFF REGULATORY ANALYST
Signature (Electronic Submission)	Date 02/09/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

K2

WBDU 124 (API: 30-025-40274)

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 7245'. Use bailer or foam air unit if necessary. POOH.

Day 3: MIRU WL. RIH & correlate depths to CNL/GR/CCL log run 10/31/2011.

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 +/- 6800' PUH and set packer at +/- 6550'.

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 +/- 6100'.

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 +/- 5950'. PU and set packer at +/- 5600'.

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 +/- 6800'. Swab well for several hours.

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

WBDU 124 Perforations					
Guns: 3-3/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Drinkard	6604	6607	4	2	8
Drinkard	6610	6618	9	2	18
Drinkard	6623	6631	9	2	18
Drinkard	6634	6639	6	2	12
Drinkard	6645	6649	5	2	10
Drinkard	6654	6658	5	2	10
Drinkard	6660	6684	25	2	50
Drinkard	6700	6702	3	2	6
Total			66		132



Downhole Well Profile w Cement

Well Name: WBDU 124

Reference Datum: KB

API/WVI 3002540274	Surface Legal Location 170' FSL, 1180' FEL, Unit P, Sec 8, T-21S, R-37E	Field Name Eunice (North) Bld	State/Province New Mexico	Well Purpose Production
Spud Date 10/24/2011 21:30	Original Drilling Rig Release 11/1/2011 21:30	Original KB Elevation (ft) 3,503.0	Ground Elevation (ft) 3,492.0	KB-Ground Distance (ft) 11.0
PBTD (ft) (RKB) Original Hole - 7,245	Total Depth All (TVD) (ft) (RKB)			

Production - WEST BLINEBRY DRINKARD UNIT 124 - 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	J-55	1,352.00		
		Prod 1	5 1/2	17.00	J-55	7,300.00		
		Cement						
		String Surface, 1,352.00ftKB	Description Surface	Top Depth (ftKB) 11.00	Bottom Depth (ftKB) 1,352.00	Top Meas Meth Returns at Surface Start Date 10/25/2011		
		String Prod 1, 7,300.00ftKB	Description Production	Top Depth (ftKB) 278.00	Bottom Depth (ftKB) 7,300.00	Top Meas Meth Log Start Date 11/1/2011		
		String Prod 1, 7,300.00ftKB	Description Cement Plug	Top Depth (ftKB) 7,245.00	Bottom Depth (ftKB) 7,300.00	Top Meas Meth Tag Start Date 11/1/2011		
		Perforations						
		Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
		6/3/2015	Blinebry	No	5,667	5,668	2.0	4
		6/3/2015	Blinebry	No	5,674	5,675	2.0	4
		6/3/2015	Blinebry	No	5,689	5,690	2.0	4
		6/3/2015	Blinebry	No	5,700	5,701	2.0	4
		6/3/2015	Blinebry	No	5,708	5,709	2.0	4
		6/3/2015	Blinebry	No	5,718	5,719	2.0	4
		6/3/2015	Blinebry	No	5,777	5,778	2.0	4
		6/3/2015	Blinebry	No	5,812	5,813	2.0	4
		6/3/2015	Blinebry	No	5,831	5,832	2.0	4
		6/3/2015	Blinebry	No	5,858	5,859	2.0	4
		6/3/2015	Blinebry	No	5,881	5,882	2.0	4
		6/3/2015	Blinebry	No	5,889	5,890	2.0	4
		12/1/2011	Tubb	No	6,162	6,162	2.0	2
		12/1/2011	Tubb	No	6,164	6,164	2.0	2
		12/1/2011	Tubb	No	6,166	6,166	2.0	2
		12/1/2011	Tubb	No	6,257	6,257	2.0	2
		12/1/2011	Tubb	No	6,259	6,259	2.0	2
		12/1/2011	Tubb	No	6,263	6,263	2.0	2
		12/1/2011	Tubb	No	6,265	6,265	2.0	2
		12/1/2011	Tubb	No	6,267	6,267	2.0	2
		12/1/2011	Tubb	No	6,273	6,273	2.0	2
		12/1/2011	Tubb	No	6,285	6,285	2.0	2
		12/1/2011	Tubb	No	6,303	6,303	2.0	2
		12/1/2011	Tubb	No	6,309	6,309	2.0	2
		12/1/2011	Tubb	No	6,311	6,311	2.0	2
		12/1/2011	Tubb	No	6,313	6,313	2.0	2
		12/1/2011	Tubb	No	6,315	6,315	2.0	2
		12/1/2011	Tubb	No	6,320	6,320	2.0	2
		12/1/2011	Tubb	No	6,325	6,325	2.0	2
		12/1/2011	Tubb	No	6,333	6,333	2.0	2
		12/1/2011	Tubb	No	6,335	6,335	2.0	2
		12/1/2011	Tubb	No	6,337	6,337	2.0	2
		12/1/2011	Tubb	No	6,339	6,339	2.0	2
		12/1/2011	Tubb	No	6,342	6,342	2.0	2
		11/29/2011	Drinkard	No	6,606	6,606	2.0	2
		11/29/2011	Drinkard	No	6,612	6,612	2.0	2
		11/29/2011	Drinkard	No	6,614	6,614	2.0	2
		11/29/2011	Drinkard	No	6,616	6,616	2.0	2
		11/29/2011	Drinkard	No	6,624	6,624	2.0	2
		11/29/2011	Drinkard	No	6,626	6,626	2.0	2
		11/29/2011	Drinkard	No	6,628	6,628	2.0	2
		11/29/2011	Drinkard	No	6,630	6,630	2.0	2
		11/29/2011	Drinkard	No	6,635	6,635	2.0	2



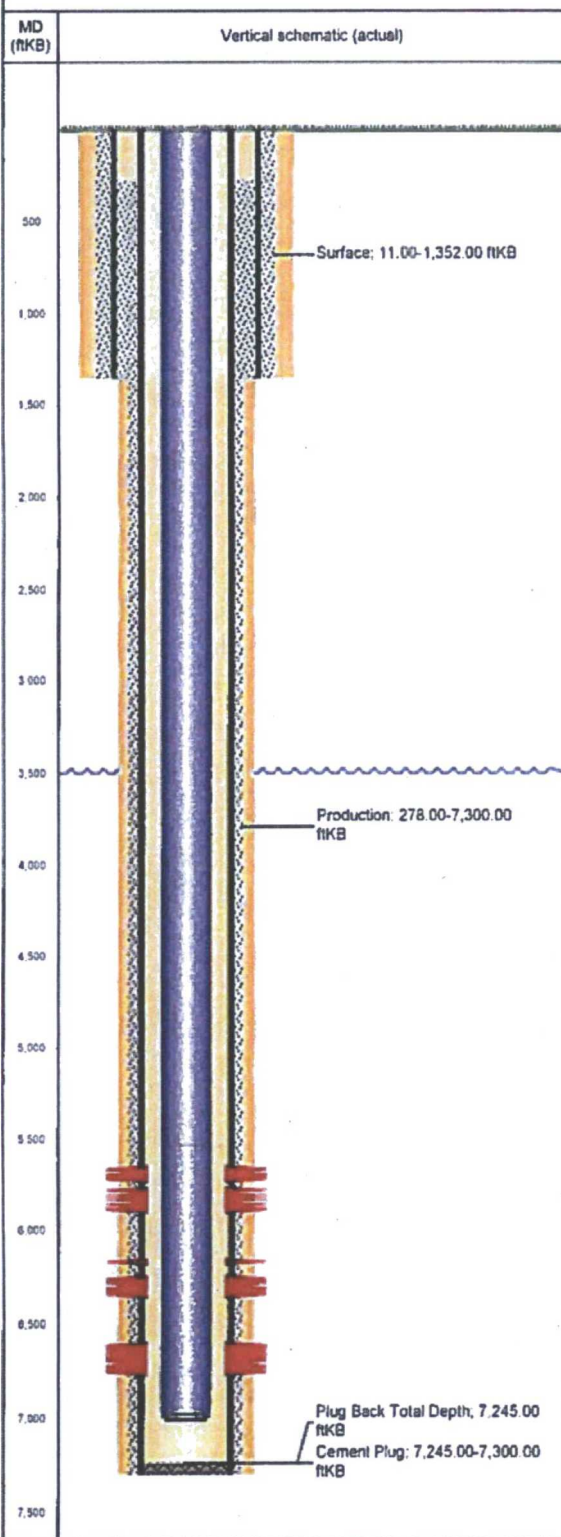
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PBTD (ft) (NKB) Original Hole - 7,245	Total Depth All (TVD) (ft) (NKB)			

Production - WEST BLINEBRY DRINKARD UNIT 124 - Original Hole, 1/31/...



Perforations

Date	Type	Prop?	Top (ft) (NKB)	Botm (ft) (NKB)	Shot Dens (shots/ft)	Entered Shot Total
11/29/2011	Drinkard	No	6,637	6,637	2.0	2
11/29/2011	Drinkard	No	6,639	6,639	2.0	2
11/29/2011	Drinkard	No	6,647	6,647	2.0	2
11/29/2011	Drinkard	No	6,656	6,656	2.0	2
11/29/2011	Drinkard	No	6,661	6,661	2.0	2
11/29/2011	Drinkard	No	6,663	6,663	2.0	2
11/29/2011	Drinkard	No	6,665	6,665	2.0	2
11/29/2011	Drinkard	No	6,667	6,667	2.0	2
11/29/2011	Drinkard	No	6,669	6,669	2.0	2
11/29/2011	Drinkard	No	6,671	6,671	2.0	2
11/29/2011	Drinkard	No	6,673	6,673	2.0	2
11/29/2011	Drinkard	No	6,683	6,683	2.0	2
11/29/2011	Drinkard	No	6,685	6,685	2.0	2
11/29/2011	Drinkard	No	6,701	6,701	2.0	2
11/29/2011	Drinkard	No	6,721	6,721	2.0	2
11/29/2011	Drinkard	No	6,723	6,723	2.0	2
11/29/2011	Drinkard	No	6,739	6,739	2.0	2
11/29/2011	Drinkard	No	6,741	6,741	2.0	2
11/29/2011	Drinkard	No	6,749	6,749	2.0	2
11/29/2011	Drinkard	No	6,751	6,751	2.0	2
11/29/2011	Drinkard	No	6,755	6,755	2.0	2
11/29/2011	Drinkard	No	6,762	6,762	2.0	2

Proposed Perforations

Date	Type	Prop?	Top (ft) (NKB)	Botm (ft) (NKB)	Shot Dens (shots/ft)	Entered Shot Total
	Drinkard	Yes	6,604	6,607	2.0	8
	Drinkard	Yes	6,610	6,618	2.0	18
	Drinkard	Yes	6,623	6,631	2.0	18
	Drinkard	Yes	6,634	6,639	2.0	12
	Drinkard	Yes	6,645	6,649	2.0	10
	Drinkard	Yes	6,654	6,658	2.0	10
	Drinkard	Yes	6,660	6,684	2.0	50
	Drinkard	Yes	6,700	6,702	2.0	6

Tubing Strings

Tubing Description		Run Date	String Length (ft)		Set Depth (ft)(K)		
Tubing		5/5/2016	6,998.25		7,009.3		
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	170		T&C Upset	2 7/8	6.50	J-55	5,519.62
Anchor/catcher	1			2 7/8			2.70
Tubing	45		T&C Upset	2 7/8	6.50	J-55	1,442.08
Blast Joint	1			2 7/8			32.75
Seat Nipple	1			2 3/8	5.10	SS	1.10

Rod Strings

Rod Description	Run Date	String Length (ft)			Set Depth (ft)		
Rod	5/5/2016	6,977.8			6,977.0		
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polished Rod	1		Chromed	1 1/2	6.10	PRC	26.00
Sucker Rod	86		S67 W/SM CPLG/SILM	1	2.88	D	2,150.00
Sucker Rod	85		S67 W/T CPLG/FULL	7/8	2.15	D	2,125.00
Sucker Rod	34		S67 W/T CPLG/FULL	3/4	1.60	D	850.00
Rod Guide	60			3/4			1,500.00



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