

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

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.*

5. Lease Serial No.  
NMLC032096A

6. If Indian, Allottee or Tribe Name

7. Unit or CA/Agreement, Name and/or No.  
NNNM120042X

8. Well Name and No.  
WEST BLINEBRY DRINKARD UNIT 68

9. API Well No.  
30-025-38411

10. Field and Pool or Exploratory Area  
EUNICE; B-T-D, NORTH

11. County or Parish, State  
LEA COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

SEP 19 2017

RECEIVED

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION  
Contact: REESA FISHER  
E-Mail: Reesa.Fisher@apachecorp.com

3a. Address  
303 VETERANS AIRPARK LANE SUITE 3000  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432-818-1062

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T21S R37E SENE 2630FNL 1310FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Workover Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplate 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 recompletion 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 BTd, per the attached.

Pay Add

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #366415 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 28 2017

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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 \*\*

Koz

**WBDU 68 (API: 30-025-38411)**

**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 6860'. Use bailer or foam air unit if necessary. POOH.

**Day 3:** MIRU WL. RIH & correlate depths to CNL/GR/CCL log run 7/24/2007.

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 +/- 6740' 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 +/- 6450'. PU and set packer at +/- 6200'.

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 +/- 5820'. PU and set packer at +/- 5580'.

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 68 Perforations					
Guns: 3-3/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Drinkard	6590	6610	21	2	42
Drinkard	6618	6620	3	2	6
Drinkard	6624	6626	3	2	6
Drinkard	6628	6645	18	2	36
Drinkard	6680	6690	11	2	22
Drinkard	6696	6699	4	2	8
<b>Total</b>			<b>60</b>		<b>120</b>



# Downhole Well Profile w Cement

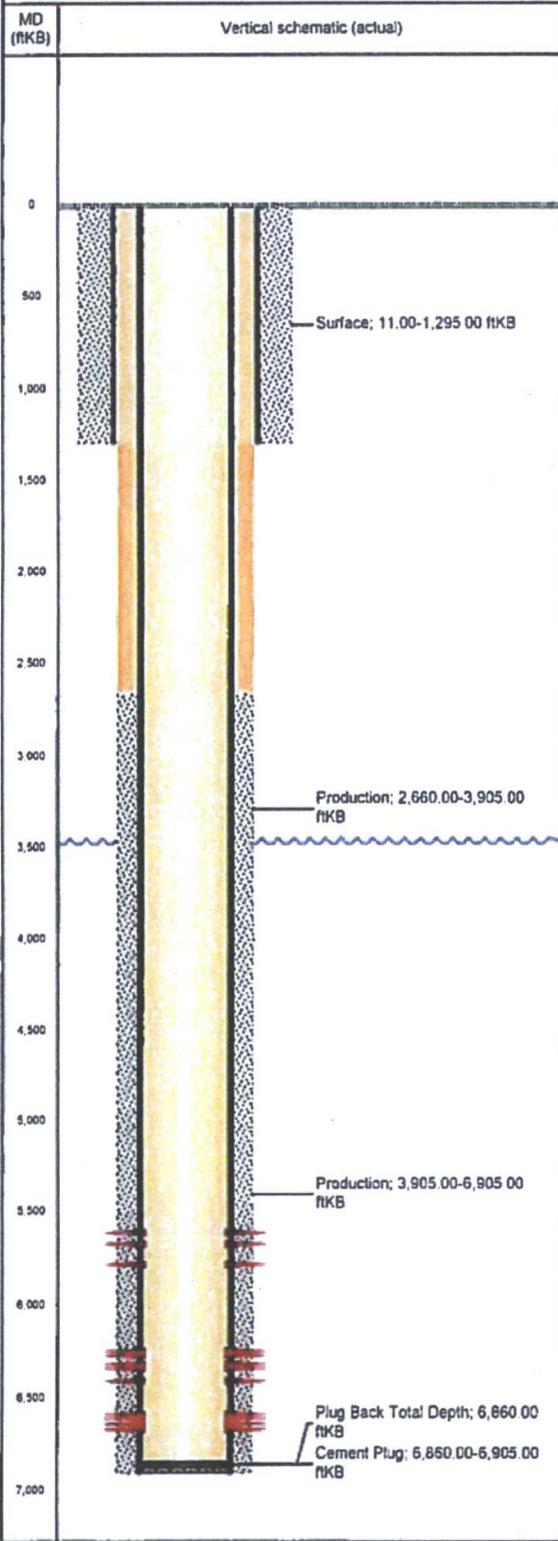
Well Name: **WBDU 68**

Reference Datum: **KB**

APU/UWI 3002538411	Surface Legal Location 2630' FNL, 1310' FEL, Unit H, Sec 17, T-21S, R-37E	Field Name Eunice (North) Btd	State/Province New Mexico	Well Purpose Production
Spud Date 7/14/2007 18:15	Original Drilling Rig Release 7/25/2007 10:00	Original KB Elevation (ft) 3,478.0	Ground Elevation (ft) 3,467.0	KB-Ground Distance (ft) 11.0
PBTD (ft) (ftKB) Original Hole - 6,860		Total Depth All (TVD) (ftKB) Original Hole - 6,904.6		

Production - WEST BLINEBRY DRINKARD UNIT 068 - 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	1,295.00
Prod 1	5 1/2	17.00	K-55	6,905.00



Cement					
String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth Returns at Surface	Start Date
String Surface, 1,295.00ftKB	Surface	11.00	1,295.00		7/15/2007
String Prod 1, 6,905.00ftKB	Cement Plug	6,860.00	6,905.00	Tag	7/24/2007
String Prod 1, 6,905.00ftKB	Production	3,905.00	6,905.00	DV Tool	7/24/2007
String Prod 1, 6,905.00ftKB	Production	2,660.00	3,905.00	Log	7/24/2007

Perforations						
Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
8/10/2007	Blinebry	No	5,610	5,614	2.0	10
8/10/2007	Blinebry	No	5,674	5,678	2.0	10
8/10/2007	Blinebry	No	5,778	5,782	2.0	10
8/7/2007	Tubb	No	6,250	6,254	2.0	10
8/7/2007	Tubb	No	6,271	6,277	2.0	14
8/7/2007	Tubb	No	6,315	6,319	2.0	10
8/7/2007	Tubb	No	6,340	6,344	2.0	10
8/7/2007	Tubb	No	6,409	6,415	2.0	14
7/31/2007	Drinkard	No	6,586	6,590	2.0	10
7/31/2007	Drinkard	No	6,608	6,612	2.0	10
7/31/2007	Drinkard	No	6,634	6,640	2.0	14
7/31/2007	Drinkard	No	6,668	6,672	2.0	14

Proposed Perforations						
Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
	Drinkard	Yes	6,590	6,610	2.0	42
	Drinkard	Yes	6,618	6,620	2.0	6
	Drinkard	Yes	6,624	6,626	2.0	6
	Drinkard	Yes	6,628	6,645	2.0	36
	Drinkard	Yes	6,680	6,690	2.0	22
	Drinkard	Yes	6,696	6,699	2.0	8

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

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

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

Plug Back Total Depths			
Date	Type	Depth (ftKB)	Depth (TVD) (ftKB)
7/30/2007	Cement Plug	6,860	6,860

Comments
Comment