

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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.

NMOCD

Hobbs

HOBBS OCD

SEP 19 2017

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM90161

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM120042X8. Well Name and No.
WEST BLINEBRY DRINKARD UNIT 47 ✓9. API Well No.
30-025-3774110. Field and Pool or Exploratory Area
EUNICE; B-T-D, NORTH11. County or Parish, State
LEA COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1062

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 8 T21S R37E NESW 1332FSL 2629FWL ✓

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 recomple 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 perms to the Drinkard and acidizing BT-D, per the attached.

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

Electronic Submission #366394 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

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 **

K2

WBDU 47 (API: 30-025-37741)

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 6903'. Use bailer or foam air unit if necessary. POOH.

Day 3: MIRU WL. RIH & correlate depths to CNL/GR/CCL log run 7/22/2006.

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 +/- 6850' PUH and set packer at +/- 6650'.

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 +/- 6420'. PU and set packer at +/- 6160'.

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 +/- 6070'. PU and set packer at +/- 5680'.

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 +/- 6850'. Swab well for several hours.

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

WBDU 47 Perforations					
Guns: 3-3/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Drinkard	6690	6692	3	2	6
Drinkard	6696	6700	5	2	10
Drinkard	6702	6708	7	2	14
Drinkard	6712	6719	8	2	16
Drinkard	6728	6732	5	2	10
Drinkard	6737	6739	3	2	6
Drinkard	6742	6764	23	2	46
Drinkard	6772	6776	5	2	10
Drinkard	6787	6792	6	2	12
Total			65		130



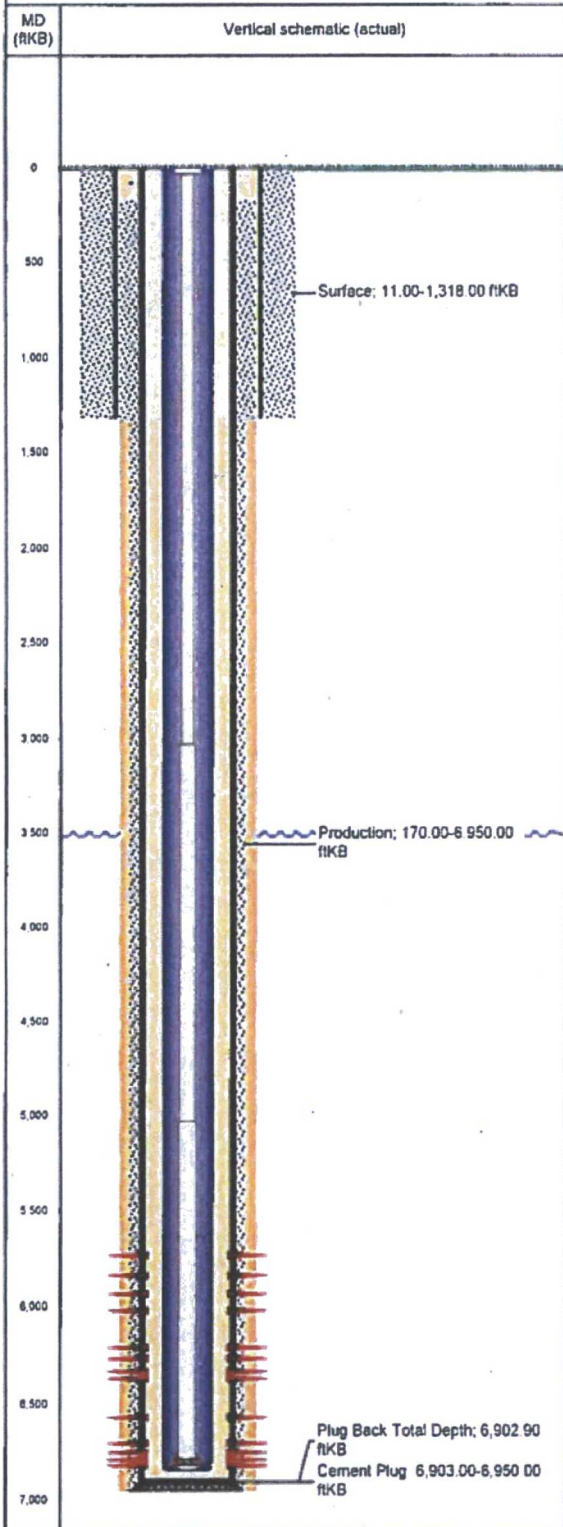
Downhole Well Profile w Cement

Well Name: WBDU 47

Reference Datum: KB

API/UWI 3002537741	Surface Legal Location 1332' FSL, 2629' FWL, Unit K, Sec 8, T-21S, R-37E	Field Name Eunice Area	State/Province New Mexico	Well Purpose Production
Spud Date 7/8/2006 17:45	Original Drilling Rig Release 7/23/2006 12:45	Original KB Elevation (ft) 3,523.0	Ground Elevation (ft) 3,512.0	KB-Ground Distance (ft) 11.0
PSTD (Alt) (ftKB) Original Hole - 6,903		Total Depth Alt (TVD) (ftKB) Original Hole - 6,947.7		

Production - WEST BLINEBRY DRINKARD UNIT 047 - 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	1,318.00
Prod 1	5 1/2	17.00	J-55	6,950.00

Cement					
String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth	Start Date
Surface, 1,318.00ftKB	Surface	11.00	1,318.00	Returns at Surface	7/9/2006
String Prod 1, 6,950.00ftKB	Production	170.00	6,950.00	Log	7/23/2006
String Prod 1, 6,950.00ftKB	Cement Plug	6,903.00	6,950.00	Tag	7/23/2006

Perforations						
Date	Type	Prop?	Top (ftKB)	Bot (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
8/14/2006	Blinbry	No	5,732	5,736	2.0	10
8/14/2006	Blinbry	No	5,836	5,840	2.0	10
8/14/2006	Blinbry	No	5,932	5,936	2.0	10
8/14/2006	Blinbry	No	6,020	6,024	2.0	10
8/9/2006	Tubb	No	6,214	6,216	2.0	6
8/9/2006	Tubb	No	6,272	6,274	2.0	6
8/9/2006	Tubb	No	6,336	6,340	2.0	10
8/9/2006	Tubb	No	6,374	6,378	2.0	10
8/3/2006	Drinkard	No	6,573	6,575	2.0	6
8/3/2006	Drinkard	No	6,704	6,708	2.0	10
8/3/2006	Drinkard	No	6,752	6,756	2.0	10
8/3/2006	Drinkard	No	6,788	6,792	2.0	10
8/3/2006	Drinkard	No	6,824	6,826	2.0	6

Proposed Perforations						
Date	Type	Prop?	Top (ftKB)	Bot (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
	Drinkard	Yes	6,690	6,692	2.0	6
	Drinkard	Yes	6,696	6,700	2.0	10
	Drinkard	Yes	6,702	6,708	2.0	14
	Drinkard	Yes	6,712	6,719	2.0	16
	Drinkard	Yes	6,728	6,732	2.0	10
	Drinkard	Yes	6,737	6,739	2.0	6
	Drinkard	Yes	6,742	6,764	2.0	46
	Drinkard	Yes	6,772	6,776	2.0	10
	Drinkard	Yes	6,787	6,792	2.0	12

Tubing Strings							
Tubing Description		Run Date	String Length (ft)	Set Depth (ftKB)			
Tubing		5/11/2015	6,834.85	6,846.0			
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	17		T&C Non-Upset	2 7/8	6.40	J-55	5,627.15
Anchor/catcher	1			2 7/8			2.70
Tubing	36		T&C Non-Upset	2 7/8	6.40	J-55	1,171.43
Blast Joint	1			2 7/8			32.47
Seat Nipple	1			2 3/8			1.10

Rod Strings							
Rod Description		Run Date	String Length (ft)	Set Depth (ftKB)			
Rod		5/11/2015	6,804.0	6,806.0			
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polished Rod	1	Norris	Chromed	1 1/2			26.00
Continuous Sucker Rod	12	Corod		3/4	1.50	D	3,000.00
Continuous Sucker Rod	80	Corod	4 Round	7/8	2.04	D	2,000.00




Downhole Well Profile w Cement

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Production - WEST BLINEBRY DRINKARD UNIT 047 - Original Hole, 1/31/..		Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)		
MD (ftKB)		Vertical schematic (actual)		Continuous Sucker Rod	70	Corod	6 Round	1	2.67	D	1,750.00	
				Pony Rod	1			1			4.00	
				Rod Insert Pump	1			1 1/2			24.00	
		Other In Hole										
		Description						OD (in)	Top (ftKB)	Run Date		
		Plug Back Total Depths										
		Date 7/23/2006					Type			Depth (ftKB) 6,903		Depth (TVD) (ftKB) 6,901
		Comments										
		Comment										

