

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OGD

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

JUN 27 2016

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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 51
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T21S R37E SWSE 185FSL 2460FEL		9. API Well No. 30-025-38197
		10. Field and Pool, or Exploratory EUNICE; B-T-D, NORTH
		11. County or Parish, and State LEA COUNTY COUNTY, NM

**12. CHECK 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 checked="" 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"/> Fracture Treat	<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 type="checkbox"/> Other
	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 would like to CO, add pay and acidize, per the attached procedure.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #342625 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Hobbs</b>	
Name (Printed/Typed) REESA FISHER	Title SR STAFF REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/20/2016

**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.

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

**Accepted for Record Only**

Pending BLM Approval - MJB/OGD  
6/27/2016

## **WBDU 51 (API: 30-25-38197) Proposed Procedure**

### **Clean out, add pay, and acid stimulate Blinebry, Tubb, Drinkard**

- Day 1:** MIRU. NU HBOP. POOH w/pump and rods. Scan out of hole w/ 2-7/8" tubing. PU and RIH w/bit and drill collars on 2-7/8" work string.
- Day 2:** RU and break circulation with foam nitrogen unit. Clean out well to PBTD. Circulate clean. POOH and LD bit and drill collars.
- Day 3:** MIRU WL. RIH and perforate the Blinebry and Drinkard as per the attached sheet w/ 3-3/8" slick guns loaded w/ Owen TAG-3375-311SL charges (or similar) @ 1 SPF, 180 deg phasing (total 67 ft, 67 shots), POOH
- Day 4:** RIH w/ 2-7/8" work string, treating packer, and RBP. Set RBP at +/- 6,750'. Set packer at +/- 6,400'. Acidize the Drinkard formation down 2-7/8" work string w/3,000 gal of 15% HCl-NE-FE-BXDX acid w/scale inhibitor and rock salt @ +/- 10 BPM (max pressure = 4,000 psia). Release packer. Wash out salt.
- Retrieve RBP and PUH to 6,400'. Set RBP at +/- 6,400'. Set packer at +/- 6,050'. Acidize the Tubb formation down 2-7/8" work string w/3,000 gal of 15% HCl-NE-FE-BXDX acid w/scale inhibitor and rock salt @ +/- 10 BPM (max pressure = 4,000 psia). Release packer. Wash out salt.
- Retrieve RBP and PUH to 6,050'. Set RBP at +/- 6,050'. Set packer at +/- 5,550'. Acidize the Blinebry formation down 2-7/8" work string w/3,000 gal of 15% HCl-NE-FE-BXDX acid w/scale inhibitor and rock salt @ +/- 10 BPM (max pressure = 4,000 psia). Release packer. Wash out salt.
- Retrieve RBP. POOH w/ 2-7/8" work string, packer, and RBP. LD 2-7/8" work string.
- Day 5:** RIH w/ 2-7/8" tubing and SN to +/- 6,770'. Swab well for approximately 4 hours to flow back any scale and/or insoluble iron. RIH w/ pump and rods. Place well on production. RDMO.



WBDU 51 Perforations					
Guns: 3-3/8" TAG w/SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Blinebry	5773	5774	2	1	2
Blinebry	5788	5792	5	1	5
Blinebry	5794	5796	3	1	3
Blinebry	5801	5802	2	1	2
Blinebry	5817	5819	3	1	3
Blinebry	5827	5828	2	1	2
Blinebry	5832	5833	2	1	2
Drinkard	6491	6492	2	1	2
Drinkard	6562	6570	9	1	9
Drinkard	6583	6588	6	1	6
Drinkard	6617	6627	11	1	11
Drinkard	6642	6653	12	1	12
Drinkard	6678	6680	3	1	3
Drinkard	6706	6710	5	1	5
Total			67		67



## Downhole Well Profile

Well Name: WBDU 51

Reference Datum: KB

AP#001 3002538197	Surface Legal Location 2805' RSL, 12-10' FSL, Unit 1, Sec 8, T-21	Field Name EUNICE AREA	License #	State/Province NEW MEXICO	Well Purpose PUD
Spud Date 3/6/2007 19:00	Original Drilling Rig Release 3/16/2007 23:59	Original KB Elevation (ft) 3,503.0	Ground Elevation (ft) 3,492.0	KB-Ground Distance (ft) 11.0	Casing Flange Elevation (ft) 3,492.0
PerfD (ft) (ftKB) Original Hole - 6,837			Total Depth All (TVD) (ftKB)		

PUD - HAWK B-1 62 - Original Hole, 5/2/2016 8:37:06 AM		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	1,307.0					
		Prod 1	5 1/2	17.00	J-55	6,895.0					
		Tubing Strings									
		Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)						
		Tubing - Production	10/1/2014	6,769.57	6,780.6						
		Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)		
0		Tubing			T&C Upset	2 7/8	6.50	J-55	5,498.60		
500		TAC 2 7/8"x5 1/2" w/ 35K Shear				5 1/2			2.75		
1,000		Tubing			T&C Upset	2 7/8	6.50	J-55	1,236.60		
1,500		Blast Joint				2 7/8	6.50	TK-99	32.52		
2,000		Seat Nipple				2 7/8			1.10		
2,500		Rod Strings									
3,000			Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)					
3,500			Rod	10/2/2014	6,725.8	6,725.8					
4,000			Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)	
4,500			Polished Rod 1 1/2" SM W/ 1" Pins		Norris	Stainless Steel	1 1/2		SM	26.00	
5,000		Fiberods 1 1/4" SMFH HIGH TEMP		Fiberflex		1 1/4		SMFH	3,300.00		
5,500		Sucker Rod 1" KD SMFH		Norris	Grade 40	1	2.90	KD	1,425.00		
6,000		Sucker Rod 7/8" KD Guided SMFH CPLG		Norris	Grade 40	7/8	2.22	KD	1,650.00		
6,500		Sinker Bar 1 1/2" K No Neck W3/4" Pins		Norris		1 1/2	6.01	K	300.00		
7,000		Rod Pump 2"x1 3/4" HVRC 26K Shear Tool				2			24.80		
		Other In Hole									
		Description	OD (in)	Top (ftKB)	Run Date						
		Fill	5 1/2	6,837	9/30/2014						
		Perforations									
		Date	Type	Top (ftKB)	Bot (ftKB)	Prop?	Shot Dens (shots/ft)	Entered Shot Total			
		4/11/2007	Blinebry	5,611	5,615	No	2.0	10			
		4/11/2007	Blinebry	5,664	5,670	No	2.0	14			
		4/11/2007	Blinebry	5,754	5,758	No	2.0	10			
		4/11/2007	Blinebry	5,810	5,814	No	2.0	10			
		4/11/2007	Blinebry	5,842	5,846	No	2.0	10			
		4/6/2007	Tubb	6,152	6,158	No	2.0	14			
		4/6/2007	Tubb	6,238	6,242	No	2.0	10			
		4/6/2007	Tubb	6,264	6,268	No	2.0	10			
		4/6/2007	Tubb	6,306	6,310	No	2.0	10			
		4/6/2007	Tubb	6,334	6,338	No	2.0	10			
		4/4/2007	Drinkard	6,504	6,508	No	2.0	10			
		4/4/2007	Drinkard	6,554	6,558	No	2.0	10			
		4/4/2007	Drinkard	6,574	6,578	No	2.0	10			
		4/4/2007	Drinkard	6,600	6,604	No	2.0	10			
		4/4/2007	Drinkard	6,634	6,640	No	2.0	14			
		4/4/2007	Drinkard	6,660	6,664	No	2.0	10			
		4/4/2007	Drinkard	6,692	6,696	No	2.0	10			
		Plug Back Total Depths									
		Date	Type	Depth (ftKB)			Depth (TVD) (ftKB)				
		10/2/2014		6,837			6,837				
		Comments									
		Comment									