

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMLC031741A

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.
WEST BLINEBRY DRINKARD UNIT 392. Name of Operator
APACHE CORPORATIONContact: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com9. API Well No.
30-025-064413a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-106210. Field and Pool, or Exploratory
EUNICE; B-T-D, NORTH

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

Sec 9 T21S R37E SWSW 660FSL 660FWL

11. County or Parish, and State

LEA COUNTY COUNTY, NM

HOBBS OCD

MAR 24 2016

RECEIVED

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 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 checked="" 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.)

After meeting with the BLM concerning our waterflood program, Apache would like to amend our procedure to recompleat in the Drinkard portion of the formation, per the attached. This work will be completed within the next 6-12 months. Current and proposed WBD's are also attached.

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

**Electronic Submission #334250 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Hobbs**


Name (Printed/Typed) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/21/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title Petroleum Engineer	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 ****

MAR 28 2016

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WBDU 39W (API: 30-25-06441) Proposed Procedure

Squeeze Blinebry perforations, clean out well, recomple and stimulate Drinkard

March 18, 2016

Day 1: MIRU. Install BOP. Release 7" packer and POOH w/ 2-3/8" IPC injection tubing and packer.

Day 2: PU & RIH w/ 6-1/8" bit and scraper on 2-7/8" work string to +/- 6200'. POOH w/bit and scraper. RIH w/CBP on 2-7/8" work string. Set CBP @ +/- 6,090'. POOH w/ 2-7/8" work string. Dump 8' of sand on top of CBP (approximately 170 lbs 16/30 sand. Confirm volumes).

Day 3: RIH w/ CICR on 2-7/8" work string. Set CICR & +/- 5600'. MIRU cement crew. Sting into CICR and establish rate into Blinebry perforations. Cement Blinebry perforations with +/- 250 sx of Class C cement (weight 14.8 ppg, yield 1.33 cf/sack). Displace w/ 30 BBL fresh water (confirm volumes). Sting out of CICR and POOH w/ 2-7/8" work string.

Day 4: Allow 24 hours for cement to set.

Day 5: RIH w/ bit on 2-7/8" work string. Drill out CICR, cement, and CBP. RU Foam N2 Unit as required. Circulate clean well bore to fill @ +/- 6585'. Drill out fill and continue in well to new PBTD of 6760'.

Day 6: Continue to clean out well to PBTD of +/- 6760'.

Day 7: Continue to clean out well to PBTD of +/- 6760'.

Day 8: Continue to clean out well to PBTD of +/- 6760'. Circulate wellbore clean and POOH and LD 2-7/8" work string.

Day 9: MIRU WL and RIH w/ GR/CNL/CCL, log well from PBTD to 6,000', POOH

PU and RIH w/ 3-3/8" TAGs loaded with SDP charges and perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 70', 280 shots), POOH

PU and RIH w/ treating packer on 2-3/8" work string

Day 10: Cont. RIH w/ treating packer on 2-3/8" work string. Set packer @ +/-6450'

MIRU acid crew. Acidize the Drinkard w/10,000 gals 15% HCl and rock salt in 3 equal stages @ +/- 10 BPM. Release packer. Wash out salt. POOH

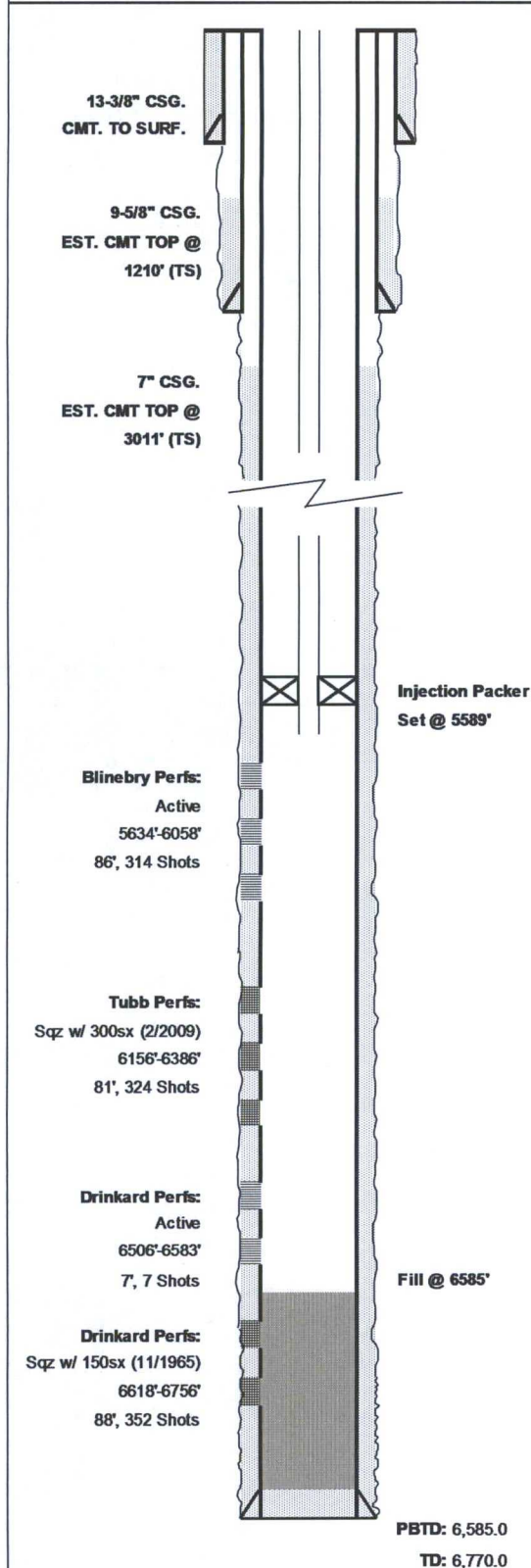
Day 11: PU and RIH with 7" injection packer with 2-3/8" IPC tubing subs, upper and lower profile nipples, and on/off tool on 2-3/8" work string. Set packer @ +/-5596'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

Day 12: PU & RIH w/2-3/8" IPC injection tubing and on/off tool. Circulate packer fluid and latch onto packer with on/off tool. ND BOPs and NU WH. Pressure test casing to 500 psi. RDMO.

Day 13: Perform MIT test for NM OCD. Place well on injection

Current Wellbore Diagram

Apache Corporation WBDU #39W (Hawk B-1 #9) WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME: WBDU #39W (Hawk B-1 #9)			API: 30-025-06441	
LOCATION: 660' FSL / 660' FWL, Sec 9, T-21S, R-37E			COUNTY: Lea Co., NM	
SPUD/TD DATE: 2/14/1949 - 3/28/1949			COMP. DATE: 4/4/1949	
PREPARED BY: Bret Shapot			DATE: 11/24/2015	
TD (ft): 6,770.0		KB Elev. (ft): 3517.0	KB to Ground (ft) 10.0	
PBTD (ft): 6,585.0		Ground Elev. (ft): 3507.0		
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	13-3/8" (Cmt. w/ 250sx., Circ.)	36 / 48	H-40	0.00 200.00
Int. Casing	9-5/8" (Cmt. w/ 500sx) TOC @ 1210' (TS)	36 / 40	J-55 N-80	0.00 2,824.00
Prod. Casing	7" (Cmt. w/ 750 sx) TOC @ 3011' (TS)	23 / 26	J-55 N-80	0.00 6,769.00

INJECTION TBG STRING			
ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)
1	172 JTS 2-3/8" IPC Tubing		
2	Baker Lok-set packer w/on-off tool		
3			
4			
5			
6			
7			
8			
9			
10			

PERFORATIONS			
Form.	Intervals	FT	SPF
Bluebry	5800', 36', 52', 60', 87', 98', 5932', 47', 96', 6058'	10	1
	5636'-44', 52'-70', 80'-5714', 5719'-28', 52'-56', 65'-72'	76	4
Tubb	6156'-62', 88-94', 6284'-90', 94'-6314', 6318'-21', 24'-28', 39'-54', 58', 64', 80'-86'	81	4
Drinkard	(Squeezed) 6694'-6724', 6732'-46', 52'-56'	51	4
	(Squeezed) 6618'-38', 47'-50', 62'-68', 82'-86'	37	4
	6506', 20', 37', 44', 55', 63', 83'	7	1

Proposed Wellbore Diagram

Apache Corporation WBDU #39W (Hawk B-1 #9) WELL DIAGRAM (PROPOSED CONFIGURATION)

