

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC832096B	
2. Name of Operator APACHE CORPORATION		6. If Indian, Allottee or Tribe Name	
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No. NMNM112723X	
3b. Phone No. (include area code) Ph: 432-818-1062		8. Well Name and No. EAST BLINEBRY DRINKARD UNIT 43	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T21S R37E SENE 1980FNL 660FEL		9. API Well No. 30-025-06573	
		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			
<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" 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 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 is requesting permission to convert this well to injection, per the attached procedure and WBD's.
Injection Application for the OCD is being prepared for submission.

WFX-980

**SUBJECT TO LIKE
APPROVAL BY STATE****SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #405382 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 03/12/2018 ()	
Name (Printed/Typed) REESA FISHER	Title SR STAFF REGULATORY ANALYST
Signature (Electronic Submission)	Date 02/22/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>Mustafa Hague</u>	Title <u>Engineer</u>	Date <u>5/24/2018</u>
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 <u>CFO</u>

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 ****

WAB/OCD 5/31/2018

East Blinebry Drinkard Unit (EBDU) #43

API No. 30-025-06573

Proposed procedure to convert this well to injection into the Blinebry Formation

1. MIRU PU. TOH and LD rods and pump. ND WH. NU BOP. TOH and LD production tubing.
2. PU and TIH with 2-7/8" work string and bit to 6,200'. TOH with work string and bit.
3. TIH with CIBP and work string. Set CIBP at ~6,053' and cap with ~~2 sacks of Class "C" cement.~~ *35' of class C cement using dump truck*
4. TOH with work string. PU and TIH with treating packer and work string. Set treating packer ~50' *off 25 as Sac* above existing Blinebry perforation. Load the casing with produced water. Pressure test the casing to 500 psig for 30 minutes. Release the pressure and packer. TOH with the work string and treating packer.
5. MIRU WL truck. Perforate additional Blinebry pay as needed to be in conformance with offset Blinebry producers. POH with wire line and RDMO WL truck.
6. TIH with treating packer and work string. Set packer at ~50' above the top Blinebry perforation. MIRU stimulation equipment. Acidize the Blinebry using graded rock salt as a diverting agent. Leave the well shut in for 3 hours. Release the treating packer and wash out any salt. TOH with work string and treating packer.
7. PU and TIH with new injection packer, profile nipple, on/off tool and work string. Set injection packer ~50' above the top Blinebry perforations. Drop blanking plug and seat in profile nipple. Release from the injection packer. TOH & LD work string.
8. PU and TIH with new 2-3/8" injection tubing with on/off tool. Circulate packer fluid and latch onto injection packer. ND BOP. NU WH. Pressure test the casing to 500 psig for 30 minutes.
9. Schedule and run a MIT for the NMOCD. Turn well to injection.

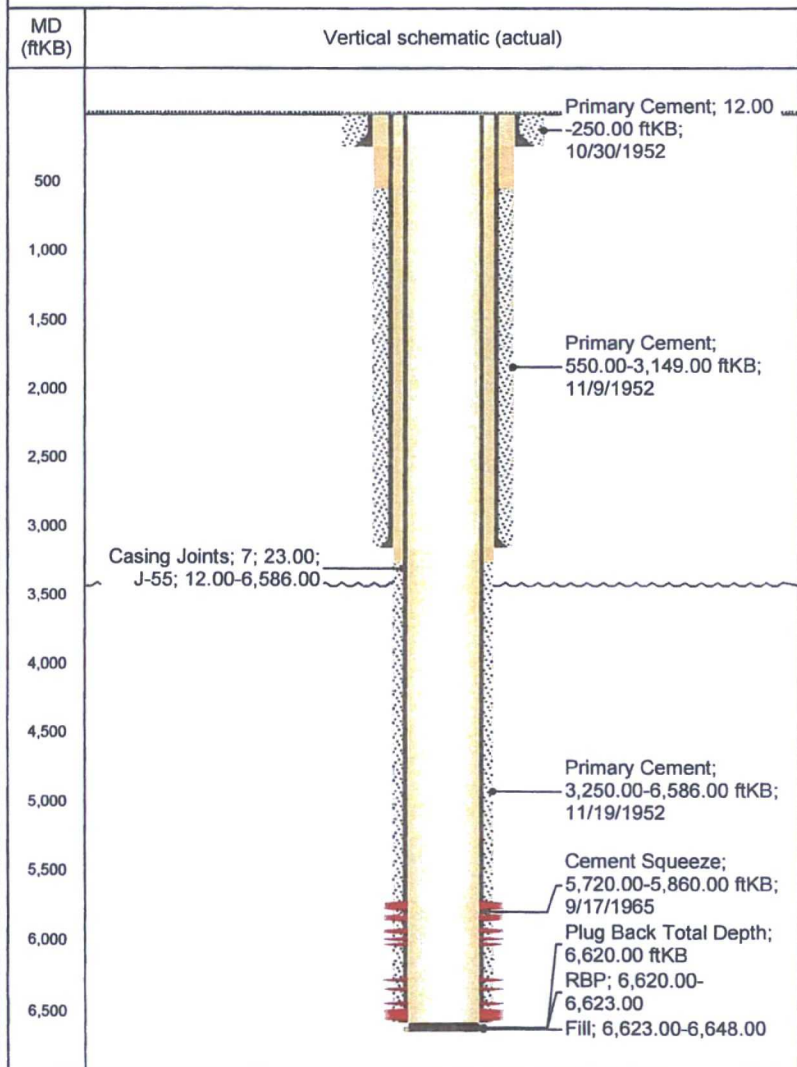


BLM Existing Current

Well Name: EBDU 43

Legal Well Name EAST BLINEBRY DRINKARD UNIT 043		Common Well Name EBDU 43		Wellbore API/UWI (API 12 Digits)	
Ground Elevation (ft) 3,420.0	Original KB Elevation (ft) 3,432.0	Surface Legal Location 1980' FNL, 660' FEL, Unit H, Sec 14, T-21S, R-37E		PBTD (All) (ftKB) Original Hole - 6,620	Total Depth (ftKB) 6,648.0

Production - EAST BLINEBRY DRINKARD UNIT #43 - Original Hole, 2/20/2018 9:2...



Current Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
Surface	17 1/2	12.0	250.0	10/24/1952
Inter 1	12 1/4	250.0	3,149.0	11/1/1952
Prod 1	8 3/4	3,149.0	6,586.0	11/10/1952
Prod 2 Open Hole	6 1/4	6,586.0	6,648.0	12/3/1952

Existing Casing

Csg Des	OD (in)	Wt (lb/ft)	Grade	Set Depth (ftKB)
Surface	13 3/8	48.00	H-40	250.00
Inter 1	9 5/8	36.00	J-55	3,149.00
Prod 1	7	23.00	J-55	6,586.00

Existing Cement

String	Des	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Surface, 250.00ftKB, 13 3/8	Primary Cement	12.00	250.00	Returns at Surface
Inter 1, 3,149.00ftKB, 9 5/8	Primary Cement	550.00	3,149.00	Temperature Survey
Prod 1, 6,586.00ftKB, 7	Primary Cement	3,250.00	6,586.00	Temperature Survey
Prod 1, 6,586.00ftKB, 7	Abandonment Plug	6,583.00	6,620.00	Tag
Prod 1, 6,586.00ftKB, 7	Cement Squeeze	5,720.00	5,860.00	

Existing Perforations

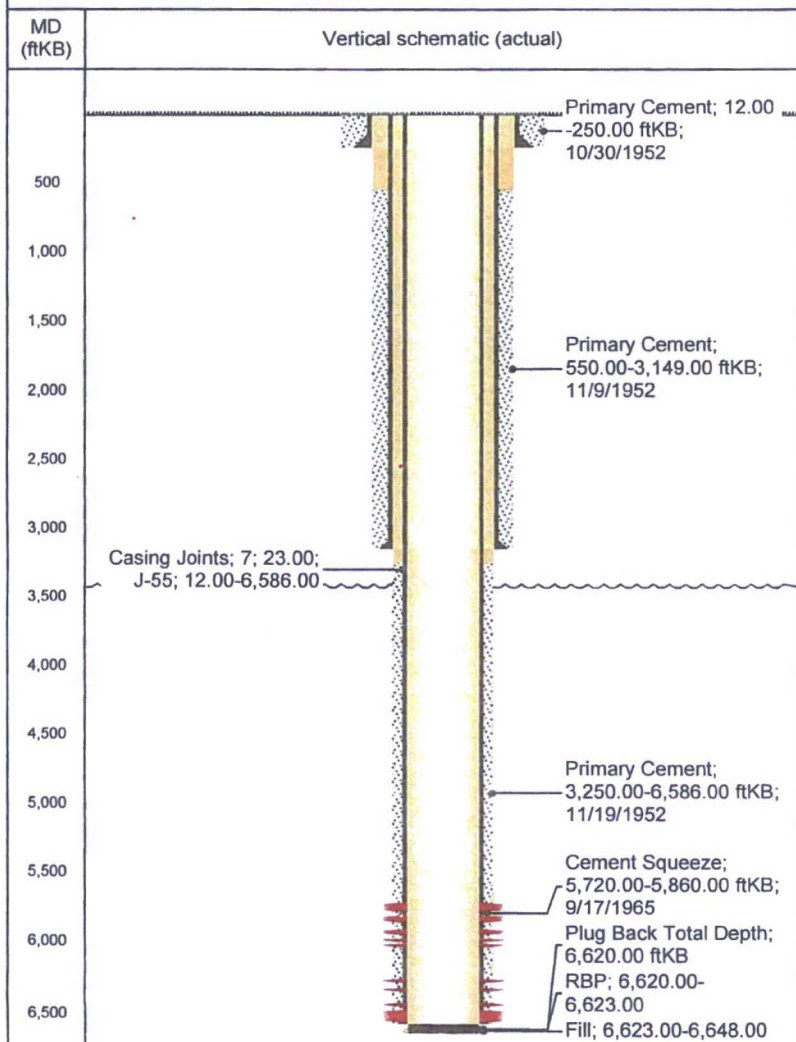
Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Density (shots/ft)	Entered Shot Total
Blinebry Sqz'd	5,728	5,748	4.0	84
Type Blinebry	5,742	5,742	1.0	1
Type Blinebry Sqz'd	5,755	5,772	4.0	72
Type Blinebry	5,764	5,764	1.0	1
Type Blinebry Sqz'd	5,816	5,852	4.0	148
Type Blinebry	5,827	5,827	1.0	1
Type Blinebry	5,842	5,842	1.0	1
Type Blinebry	5,915	5,915	1.0	1
Type Blinebry	5,927	5,927	1.0	1
Type Blinebry	5,986	5,986	1.0	1
Type Blinebry	6,013	6,013	1.0	1
Type Tubb	6,270	6,280	2.0	22



Well Name: EBDU 43

BLM Existing

Production - EAST BLINEBRY DRINKARD UNIT #43 - Original Hole, 2/20/2018 9:2...



Existing Perforations

Type Tubb	Top Depth (ftKB) 6,336	Bottom Depth (ftKB) 6,446	Shot Density (shots/ft) 2.0	Entered Shot Total 22
Type Drinkard	Top Depth (ftKB) 6,487	Bottom Depth (ftKB) 6,487	Shot Density (shots/ft) 1.0	Entered Shot Total 1
Type Drinkard	Top Depth (ftKB) 6,502	Bottom Depth (ftKB) 6,502	Shot Density (shots/ft) 1.0	Entered Shot Total 1
Type Drinkard	Top Depth (ftKB) 6,520	Bottom Depth (ftKB) 6,520	Shot Density (shots/ft) 1.0	Entered Shot Total 1
Type Drinkard	Top Depth (ftKB) 6,530	Bottom Depth (ftKB) 6,530	Shot Density (shots/ft) 1.0	Entered Shot Total 1
Type Drinkard	Top Depth (ftKB) 6,536	Bottom Depth (ftKB) 6,536	Shot Density (shots/ft) 1.0	Entered Shot Total 1
Type Drinkard	Top Depth (ftKB) 6,544	Bottom Depth (ftKB) 6,544	Shot Density (shots/ft) 1.0	Entered Shot Total 1
Type Drinkard	Top Depth (ftKB) 6,563	Bottom Depth (ftKB) 6,563	Shot Density (shots/ft) 1.0	Entered Shot Total 1

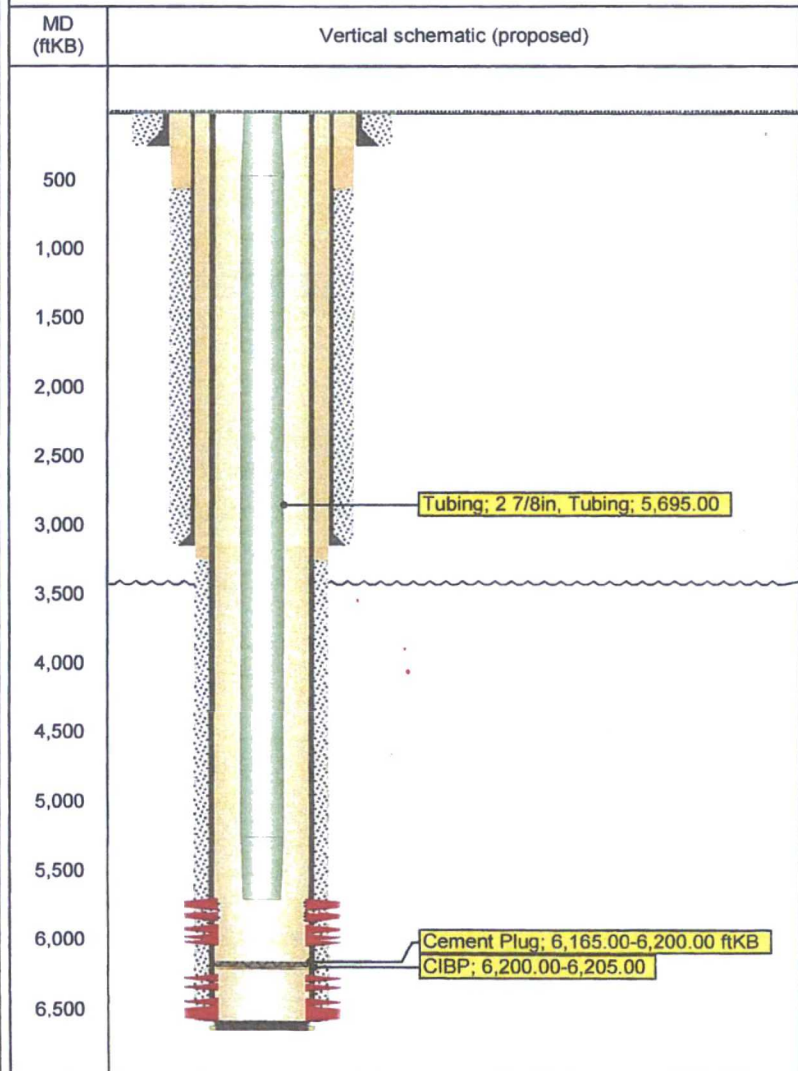


BLM Proposed

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Prod 1, 6,586.00ftKB, 7	Cement Squeeze	5,720.00	5,860.00	

Proposed Cement

String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Measurement Method
Prod 1, 6,586.00ftKB, 7	Cement Plug	6,165.00	6,200.00	

Proposed Tubing String

Tubing Description			Set Depth (ftKB)	
Tubing - Injection			5,700.0	
Item Description	Length (ft)	OD Nominal (in)	Weight/Length (lb/ft)	Grade
Tubing	5,695.00	2 7/8	6.50	J-55
Item Description	Length (ft)	OD Nominal (in)	Weight/Length (lb/ft)	Grade
Packer	5.00	7		

Existing Perforations

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Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Density (shots/ft)	Entered Shot Total
Blinebry	5,842	5,842	1.0	1

Conditions of Approval

**Apache Corporation
East Blinebry Drinkard Unit 43
API 3002506573
May 24, 2018**

1. Notify BLM 575-361-2822 before plug back procedures. The procedures are to be witnessed.
2. Surface disturbance beyond the existing pad must have prior approval.
3. Casing added or replaced requires a prior notice of intent (BLM Form 3160-5) approval of the design.
4. Closed loop system required. 2000 2M BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the work string shall be adequate. Tapered work strings will require an additional pipe ram.

Remedial work needs to be performed on either the 9 5/8" or 7" casing in order to get cement to surface or tie-back a minimum of 200' into the previous casing

Well with a Packer - Operations

- 1) Conduct a Mechanical Integrity Test of the tubing/casing annulus after a tubing, packer or casing seal is established. Repair that seal any time more than five barrels of packer fluid is replaced within 30 days.
 - a) The minimum test pressure should be 500 psig for 30 minutes, with 200 psig differentials between tubing and casing pressure (at test time) but no more than 70% of casing burst pressure as described by Onshore Order 2.III.B.1.h. (The tubing or reservoir pressure may need to be reduced). An alternate method for a BLM approved MIT is to have the fluid filled system open to atmospheric pressure and have a loss of less than five barrels in 30 days witnessed by a BLM authorized officer.
 - b) Document the pressure test on a calibrated recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.
 - c) At least 24 hours before the test in Eddy County call: phone 575-361-2822 and in Lea County call: phone 575-393-3612. Note the contact notification method, time, & date in your subsequent report.
 - d) Submit a subsequent Sundry Form 3160-5 relating the MIT activity. Include a copy of the recorded MIT pressure chart. List the name of the BLM witness, or the notified person and date of notification. NMOCD is to retain the original recorded MIT chart.