

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**OCD-HOBBS** APPROVED  
OM B No. 1004-0137  
Expires: October 31, 2014

JUL 19 2016

RECEIVED

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 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. NMLE-032096B NM125057
2. Name of Operator Apache Corporation		6. If Indian, Allottee or Tribe Name
3a. Address 303 Veterans Airpark Ln, Midland, Tx 79705	3b. Phone No. (include area code) 432-556-9143	7. If Unit of CA / Agreement, Name and/or No. EBDU NM112723X
4. Location of (Footage, Sec., T., R., or Survey Description) 330' FNL & 480" FEL, UL A, Sec 11, T21S, R37E		8. Well Name and No. East Drinkard Blinebry Unit #16
		9. API Well No. 30-025-06526
		10. Field and Pool, or Exploratory Area Eunice; B-T-D, North (22900)
		11. County or Parish, State Lea, 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 type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" 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

INT TO PA Em  
P&A NR \_\_\_\_\_  
P&A R \_\_\_\_\_

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 the BLM / BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in 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.)

WITNESS

Apache Corporation proposes to P&A the above mentioned well by the attached procedure. A closed loop system will be used for all fluids from this wellbore and disposed of required by OCD Rule 19.15.17.

SUBJECT TO LIKE  
APPROVAL BY STATE

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the following is true and correct	
Name Guinn Burks	Title Sr. Reclamation Foreman
Signature <i>Guinn Burks</i>	Date 7/5/16
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by 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.	Title Office
Date JUL 12 2016 <i>Paul R. Swartz</i> BUREAU OF LAND MANAGEMENT	

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.

FOR RECORD ONLY

MW/OCD 7/19/2016





WELL BORE INFO.

LEASE NAME

EBDU

WELL #

16

API #

30-025-06526

COUNTY

Lea, NM

0

17 1/2" Hole  
13 3/8" 48# @ 248'  
w/ 250 sx Circ to surf

TOC @ 650'

804

1608

2412

12 1/4" Hole  
9 5/8" 36# @ 3152'  
w/ 1260 sx, TOC @ 650'

3216

4021

4825

5629

CIBP @ 5694'

Top of  
Rustler @  
1380'

Top of Yales  
@ 2673'

Top of  
Queen @  
3478'

Top of  
Grayburg-  
San Andres  
@ 3809'-  
5314

6433

CIBP @ 6510'

Top of  
Glorieta @  
5314'

Blinbry perms @ 5741'-6115'

Tubb &  
Drink @  
6200' -  
6535'

7237

Abo perms @ 6912'- 7379'

CIBP @ 7800'

Ellenburg perms @ 7898'-8026'

8041

8 3/4" Hole  
7" 23-26# @ 8041'  
w/ 940 sx, TOC @ 2650' by TS

PBTD @ 6510'  
TD @ 8041'





# WELL BORE INFO.

LEASE NAME

EBDU

WELL #

16

API #

30-025-06526

COUNTY

Lea, NM

# PROPOSED PROCEDURE

0  
804  
1608  
2412  
3216  
4021  
4825  
5629  
6433  
7237  
8041

17 1/2" Hole  
13 3/8" 48# @ 248'  
w/ 250 sx Circ to surf

12 1/4" Hole  
9 5/8" 36# @ 3152'  
w/ 1260 sx, TOC @ 650'

8 3/4" Hole  
7" 23-26# @ 8041'  
w/ 940 sx, TOC @ 2650' by TS

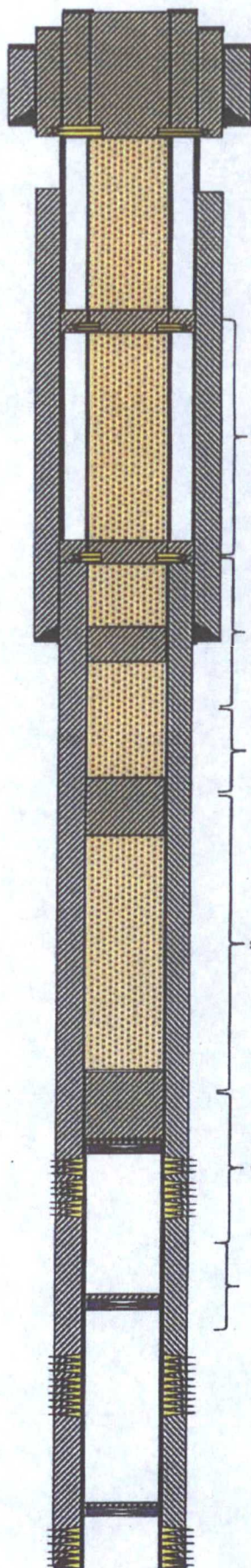
TOC @ 650'

CIBP @ 5694'

CIBP @ 6510'

CIBP @ 7800'

PBTD @ 6510'



6. PUH & perf @ 300' & sqz 200 sx Class "C" cmt from 300' to surf. Attempt to CIRC 7" & 9 5/8" to surf. (Surf shoe & Water Board)

5. PUH & perf @ 1430' & sqz 80 sx Class "C" cmt from 1430'-1200' WOC/TAG (Rustler & Top of Salt)

4. PUH & perf @ 2723' & sqz 80 sx Class "C" cmt from 2723'-2500' WOC/TAG (Yates & Base of Salt)

3. PUH & spot 30 sx Class "C" cmt from 3202' - 3102' WOC/TAG (Intermediate shoe plug)

2. PUH & spot 60 sx Class "C" cmt from 4107' - 3759' WOC/TAG (San Andres/Grayburg)

1. MIRU P&A rig, RIH w/ tbg & verify CIBP @ 5694', CIRC w/ MLF & spot 85 sx Class "C" cmt from 5694' - 5264' (Blinbry & Glorieta)

Blinbry perms @ 5741'-6115'

Abo perms @ 6912'- 7379'

Ellenburg perms @ 7898'-8026'



## **Conditions of Approval, Template**

**Apache Corporation  
East Drinkard Blinebry Unit - 16, API 3002506526  
T21S-R37E, Sec 11, 330FNL & 480FEL  
July 12, 2016**

- 1. Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location during this workover operation.**
2. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15.
3. Subject to like approval by the New Mexico Oil Conservation Division.
4. Notify 575-393-3612 Lea Co as work begins. Plugging procedures are to be witnessed. If there is no response leave a voice mail with the API#, workover purpose, and a call back phone number.
5. Surface disturbance beyond the existing pad must have prior approval.
6. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
7. Functional H<sub>2</sub>S monitoring equipment shall be on location.
8. 3000 (3M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
9. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during any other crew-intensive operations.
10. The BLM PET witness is to run tbg tally and agree to cement volumes and placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM PET witness.
- 11. Cementing procedure is subject to the next three numbered paragraphs.**
12. Mix cement plugs to cover a minimum of 100ft plus 10ft for every 1,000ft to the bottom of the plug, rounding the number of necessary sacks up to the nearest 5 sacks. Never use less than 25sx. Examples: A cement plug set at 8000 in 7" casing would require a min of 35sx. A 25sx plug in 5 ½" casing should cover 250ft, which may exceed 100ft plus 10ft per 1000ft.
13. Class H > 7500ft & C < 7500ft) cement plugs(s) will be necessary. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours(H) is recommended. Formation isolation plugs of Class "C" to be mixed 14.8#/gal, 1.32 ft<sup>3</sup>/sx, 6.3gal/sx water and "H" to be mixed 16.4#/gal, 1.06ft<sup>3</sup>/sx, 4.3gal/sx water.



14. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.
15. Remove the CIBP set at 5694 09/24/2014.
16. Remove the RBP set at 6188 03/07/1986.
17. Remove the unreported CIBP shown on Apache's diagram at 6510.
18. **Tag the PBTD above the CIBP set at 7800 04/1964** and set a cement plug from that depth. Tag the plug with tubing and confirm a 200ft or greater plug has been set.
19. Set a CIBP within 100ft of the perfs at 6912-7379 and place a cement plug from that depth. Tag the plug with tubing and confirm a 200ft or greater plug has been set.
20. Set a CIBP within 100ft of the perfs at 5741-6115 and place a cement plug from that depth. Tag the plug with tubing and confirm the plug covers up to 5150.
21. PUH & spot a Class "C" cmt from 4107-3759. WOC & tag w/tubing at 3759 or above.
22. Submit evidence of 7" casing cement bond from 3202 to above 3102 **or** perf at 3202 and squeeze cement across the 9 5/8" shoe to above 3102. Tag the plug with tubing at 3102 or above.
23. Complete Steps 4, 5, & 6 of the proposed procedure as written.
24. File **subsequent sundry** Form 3160-5 within 30 days of workover procedures. Submit the (BLM Form 3160-5 subsequent report (daily reports) via BLM's Well Information System; <https://www.blm.gov/wispermits/wis/SP> (email [pswartz@blm.gov](mailto:pswartz@blm.gov) for operator setup instructions). Include (dated daily) descriptions of the well work, ie. procedure descriptions and setting depths of each plug in the subsequent sundry.
25. Wellbore plugging is to be accomplished within 90 days of approval.

### **Reclamation Objectives and Procedures**

In Reply Refer To: 1310

**Reclamation Objective:** At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as needed. This will apply to well pads, facilities, and access roads. Barricade all access road(s) at the starting point. If reserve pits have not been adequately reclaimed due to salts or other contaminants, propose a plan for BLM approval to provide restoration of the pit area.



1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations should have included adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For locations and/or access roads not having an approved plan, or an inadequate plan for surface reclamation the operator must submit a proposal describing the procedures for reclamation. The appropriate time for submittal would be when filing the Notice of Intent, or with the Subsequent Sundry Report of Abandonment on Form 3160-5. The final reclamation goal is to be completed within 6 months of wellbore abandonment.
3. With an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It may be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives.
4. Upon reclamation conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a BLM specialist to inspect the location to verify work was completed as per approved plans.
5. The BLM approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been tentatively reestablished. If the objectives have not been met BLM will be notify the operator of the required corrective actions.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time the full BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the full BLM objectives have been met, submit a Final Abandonment Notice (FAN) Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
7. At this time a BLM specialist will again inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability for the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos  
Supervisory Environmental Protection Specialist  
575-234-5909, 575-361-2648 (Cell)

Robertson, Jeffery  
Natural Resource Specialist  
575-361-2632

Trishia Bad Bear  
Natural Resource Specialist  
575-393-3612

Jesse Bassett  
Natural Resource Specialist  
575-234-6237

Brooke Wilson  
Natural Resource Specialist  
575-234-5913

Paul Murphy  
Natural Resource Specialist  
757-499-6869

Richard (Chad) Young  
Natural Resource Specialist  
575-361-3565