

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

Carlsbad Field
OCD Hobbs
MAY 23 2018
RECEIVED

5. Lease Serial No.
NMNM125057

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM112723X

8. Well Name and No.
EAST BLINEBRY DRINKARD UNIT 73

9. API Well No.
30-025-39380-00-S1

10. Field and Pool or Exploratory Area
EUNICE

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
APACHE CORPORATION
Contact: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com

3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-818-1062

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T21S R37E SWNE 1440FNL 2450FEL
32.496693 N Lat, 103.133225 W Lon

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 recomplete 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 is requesting approval to perform a cleanout and work on this well, as follows:

1. POH with production equipment.
2. TIH with bit to clean out to PBTD.
3. Set a RBP above the existing Tubb completion.
4. Perforate new Blinebry pay from 5737 to 5990. Existing Blinebry completion is from 5634 to 5870.
5. Restimulate the entire Blinebry with acid.
6. Pull RBP above the Tubb.
7. Run production equipment and RWTP.

Current WBD information attached.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Electronic Submission #403423 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 02/06/2018 (18PP0635SE)

Name (Printed/Typed) REESA FISHER Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission) Date 02/06/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By MUSTAFA HAQUE Title PETROLEUM ENGINEER Date 05/07/2018

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 Hobbs

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)

** BLM REVISED **

MHB/OCD
5/24/2018



Schematic - Current

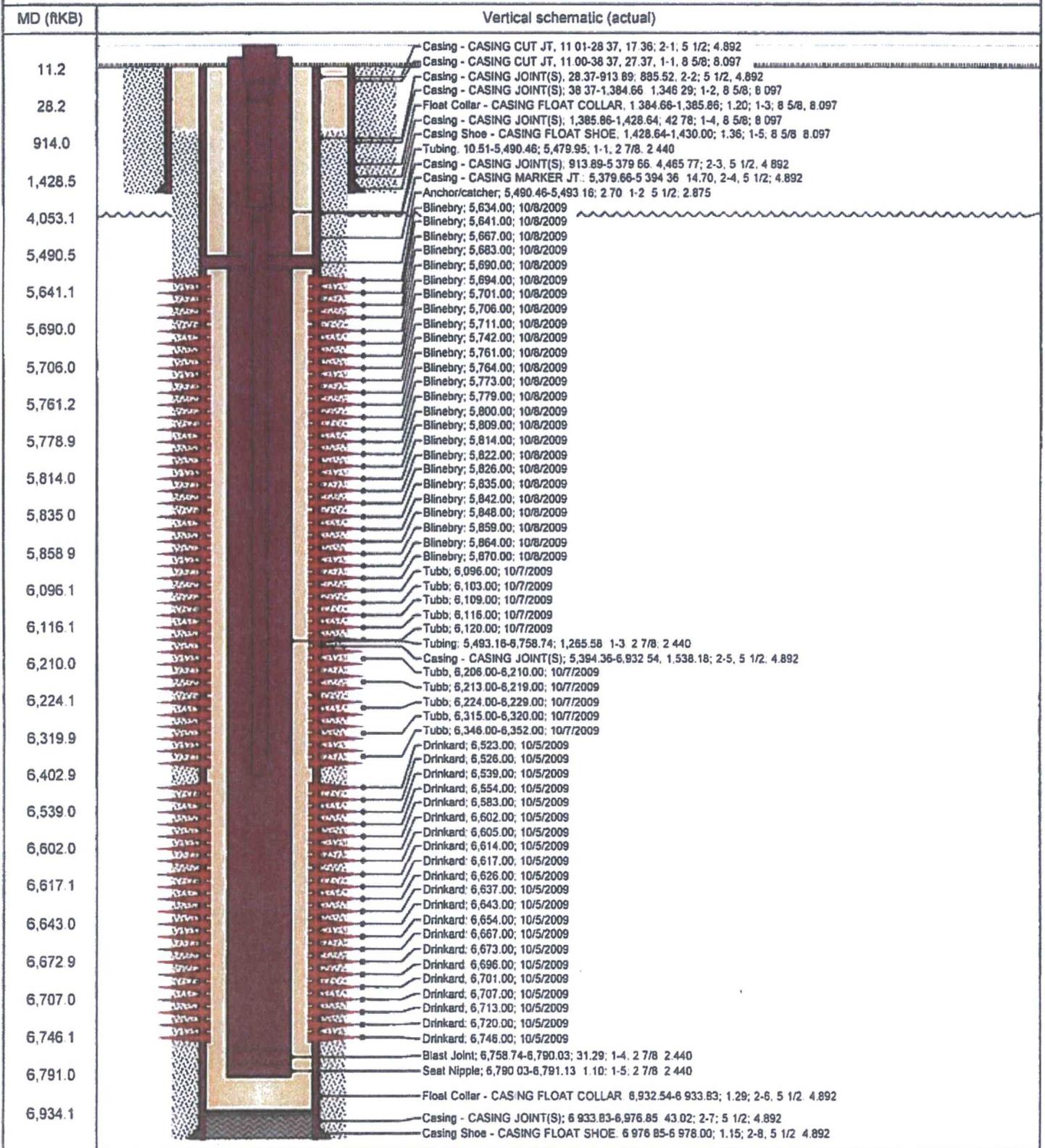
Well Name: EBDU 73

Reference Datum: KB

API/Surface Loc 3002539380	Surface Legal Location SEC 11, T21S-R37E (1440' FNL & 2450' FEL)	Field Name Eurice Area	State/Province New Mexico	Well Purpose Production
Spud Date 9/18/2009 20:00	Original KB Elevation (ft) 3,456.0	Ground Elevation (ft) 3,445.0	KB-Ground Distance (ft) 11.0	

Most Recent Job				
Job Category LOE	Primary Job Type LOE-Repair/Maint	Secondary Job Type Fishing	Start Date 9/15/2017	End Date 9/19/2017

TD: 6,978.0 Production - EAST BLINEBRY DRINKARD UNIT 73 - Original Hole, 2/6/2018 8:51:06 AM



WELL NAME
 Legal Well Name: EAST BLINEBRY DRINKARD UNIT 073
 APN/Surface Loc: 300259380
 Spud Date: 9/18/2009
 Original Drilling Rig Release: 10/28/2013
 Target Formation: DRINKARD
 Field Name: Eurice Area
 County: Lea
 State/Province: New Mexico
 Surface Legal Location: SEC 11 T21S-R37E (1440' FNL & 2450' FEL)

Bottom Hole Location

Bottom Hole Legal Location:
 EAST BLINEBRY DRINKARD UNIT 73 - Original Hole
 East-West Distance (ft): 870.180 From E or W Line:
 EAST BLINEBRY DRINKARD UNIT 73 - Original Hole
 North-South Distance (ft): 546.48 From N or S Line:
 Original Drilling Rig Release: 10/28/2013
 Original KB Elevation (ft): 3,456.0

Ground Elevation (ft): 3,443.0

KB-Ground Distance (ft): 13.0

Total Depth (AK) (ftKB): Original Hole - 6,978.0

Total Depth AK (ftKB) (ftKB):

Stimulation Jobs

Volume Clean Total (bbt): 0.00

Total Clean - Resurveyed Volume (bbt): 0.00

Propped Total (ft): 0.0

Treat Rate Max (bbt/min):

Treat Pressure Max (psi):

Number of Treatment Intervals:

Min Top Depth (ftKB):

Max Skin Depth (ftKB):

Kick Offs & Key Depths

Type: Kick Off Top Depth (ftKB): 3,456.0

Total Depth (ftKB): 6,978.0

PERD ANL (ftKB): Original Hole - 6,934

Perforations

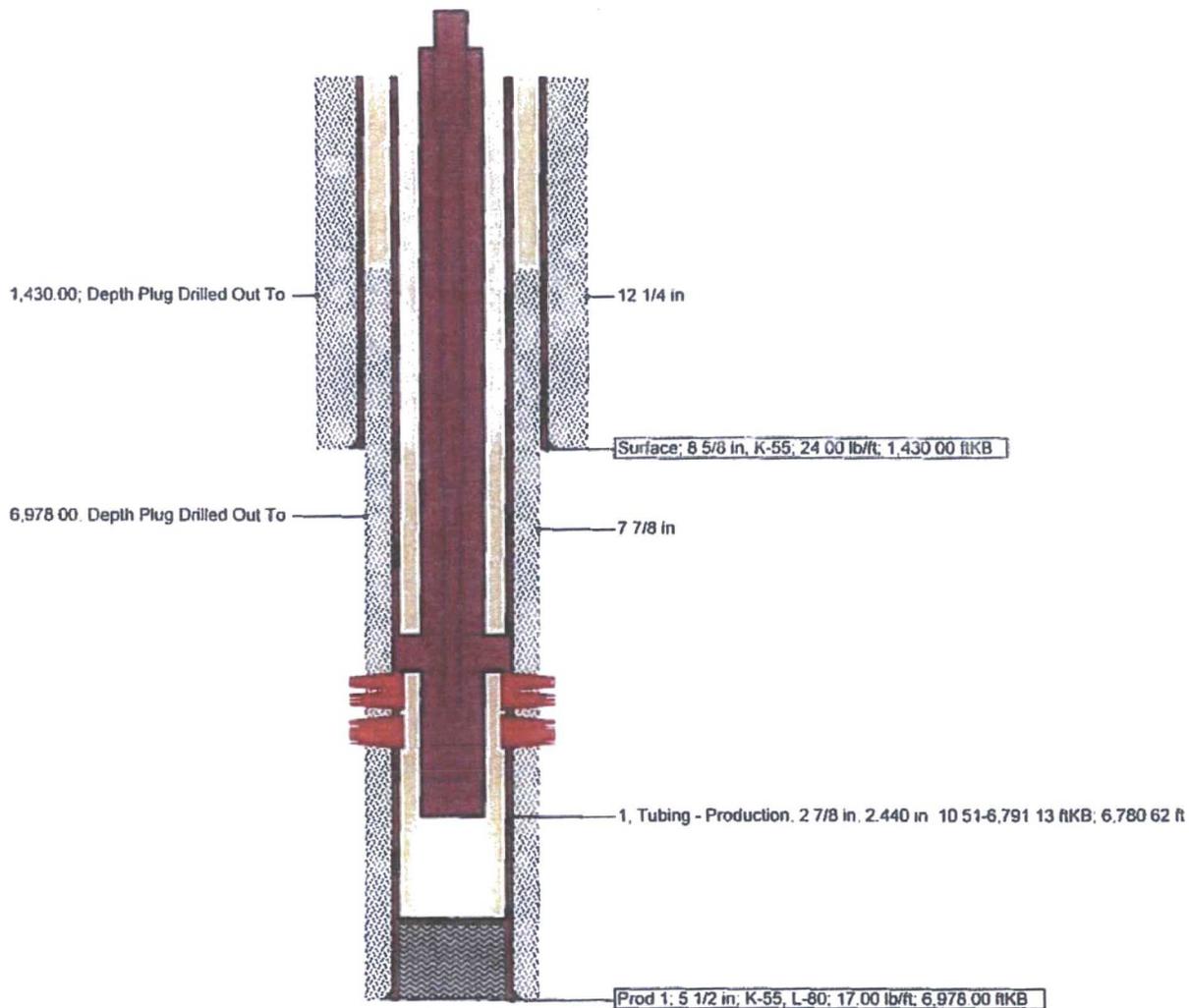
Top Depth (ftKB): 6,834

Top Depth (ftKB): 6,746

Bottom Depth (ftKB): 6,746

Production - EAST BLINEBRY DRINKARD UNIT 73 - Original Hole, 2/6/2018 8 51 19 AM

Vertical schematic (actual)





Downhole Well Profile w Cement

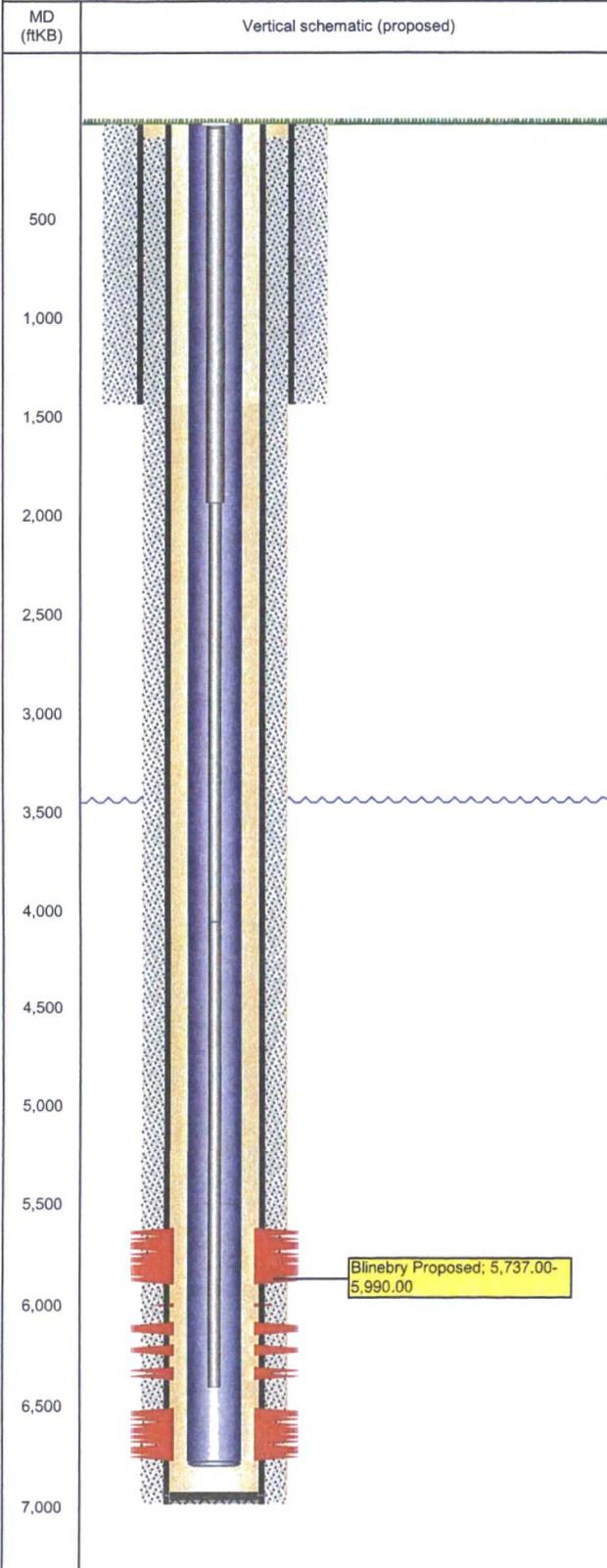
Well Name: EBDU 73

API/Surface Loc 3002539380		Surface Legal Location SEC 11, T21S-R37E (1440' FNL & 2450' FEL)		Field Name Eunice Area		State/Province New Mexico	
Spud Date 9/18/2009		Original KB Elevation (ft) 3,456.0		Ground Elevation (ft) 3,445.0		KB-Ground Distance (ft) 11.0	
PBTD (All) (ftKB) Original Hole - 6,934		Total Depth (ftKB) 6,978.0		Comment			

Production - EAST BLINEBRY DRINKARD UNIT 73 - Original Hole, 4/26/2018...

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8 5/8	24.00	K-55	1,430.00
Prod 1	5 1/2	17.00	K-55	6,978.00



Cement

String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth	Start Date
Surface, 1,430.00ftKB, 8 5/8					9/19/2009
String Surface, 1,430.00ftKB, 8 5/8	PRIM CMT 1ST STAGE	11.00	1,430.00	Returns at Surface	9/19/2009
String Prod 1, 6,978.00ftKB, 5 1/2	Cement Plug	6,934.00	6,978.00	Tag	9/26/2009
String Prod 1, 6,978.00ftKB, 5 1/2					9/26/2009
String Prod 1, 6,978.00ftKB, 5 1/2	PRIM CMT 1ST STAGE	80.00	6,978.00	Log	9/26/2009

Perforations

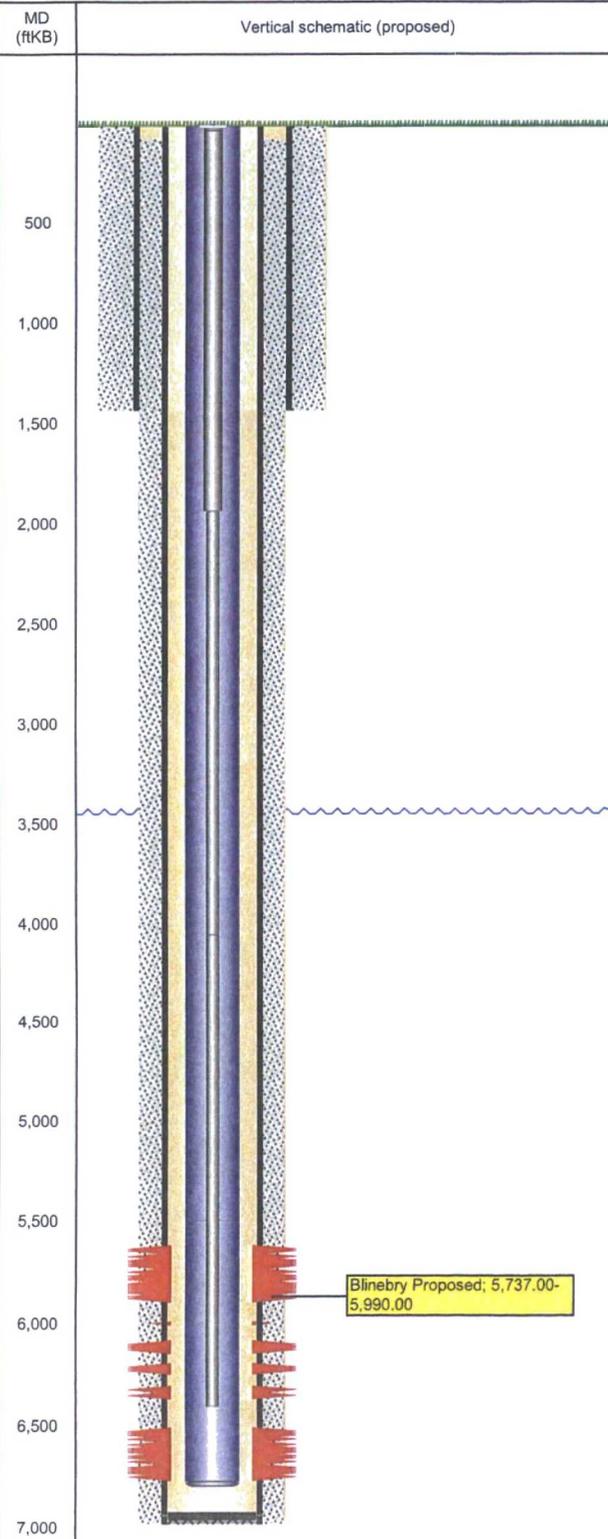
Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
10/8/2009	Blinebry	No	5,634	5,634	2.0	2
10/8/2009	Blinebry	No	5,641	5,641	2.0	2
10/8/2009	Blinebry	No	5,667	5,667	2.0	2
10/8/2009	Blinebry	No	5,683	5,683	2.0	2
10/8/2009	Blinebry	No	5,690	5,690	2.0	2
10/8/2009	Blinebry	No	5,694	5,694	2.0	2
10/8/2009	Blinebry	No	5,701	5,701	2.0	2
10/8/2009	Blinebry	No	5,706	5,706	2.0	2
10/8/2009	Blinebry	No	5,711	5,711	2.0	2
10/8/2009	Blinebry	No	5,742	5,742	2.0	2
10/8/2009	Blinebry	No	5,761	5,761	2.0	2
10/8/2009	Blinebry	No	5,764	5,764	2.0	2
10/8/2009	Blinebry	No	5,773	5,773	2.0	2
10/8/2009	Blinebry	No	5,779	5,779	2.0	2
10/8/2009	Blinebry	No	5,809	5,809	2.0	2
10/8/2009	Blinebry	No	5,814	5,814	2.0	2
10/8/2009	Blinebry	No	5,822	5,822	2.0	2
10/8/2009	Blinebry	No	5,826	5,826	2.0	2
10/8/2009	Blinebry	No	5,835	5,835	2.0	2
10/8/2009	Blinebry	No	5,842	5,842	2.0	2
10/8/2009	Blinebry	No	5,848	5,848	2.0	2
10/8/2009	Blinebry	No	5,859	5,859	2.0	2
10/8/2009	Blinebry	No	5,864	5,864	2.0	2
10/8/2009	Blinebry	No	5,870	5,870	2.0	2
10/7/2009	Tubb	No	6,096	6,096	2.0	2
10/7/2009	Tubb	No	6,103	6,103	2.0	2
10/7/2009	Tubb	No	6,109	6,109	2.0	2
10/7/2009	Tubb	No	6,116	6,116	2.0	2
10/7/2009	Tubb	No	6,120	6,120	2.0	2
10/7/2009	Tubb	No	6,206	6,210	2.0	10
10/7/2009	Tubb	No	6,213	6,219	2.0	14
10/7/2009	Tubb	No	6,224	6,229	2.0	12
10/7/2009	Tubb	No	6,315	6,320	2.0	12
10/7/2009	Tubb	No	6,346	6,352	2.0	14



Downhole Well Profile w Cement

Well Name: EBDU 73

Production - EAST BLINEBRY DRINKARD UNIT 73 - Original Hole, 4/26/2018...



Perforations

Date	Type	Prop?	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
10/5/2009	Drinkard	No	6,523	6,523	2.0	2
10/5/2009	Drinkard	No	6,526	6,526	2.0	2
10/5/2009	Drinkard	No	6,539	6,539	2.0	2
10/5/2009	Drinkard	No	6,554	6,554	2.0	2
10/5/2009	Drinkard	No	6,583	6,583	2.0	2
10/5/2009	Drinkard	No	6,602	6,602	2.0	2
10/5/2009	Drinkard	No	6,605	6,605	2.0	2
10/5/2009	Drinkard	No	6,614	6,614	2.0	2
10/5/2009	Drinkard	No	6,617	6,617	2.0	2
10/5/2009	Drinkard	No	6,626	6,626	2.0	2
10/5/2009	Drinkard	No	6,637	6,637	2.0	2
10/5/2009	Drinkard	No	6,643	6,643	2.0	2
10/5/2009	Drinkard	No	6,654	6,654	2.0	2
10/5/2009	Drinkard	No	6,667	6,667	2.0	2
10/5/2009	Drinkard	No	6,673	6,673	2.0	2
10/5/2009	Drinkard	No	6,696	6,696	2.0	2
10/5/2009	Drinkard	No	6,701	6,701	2.0	2
10/5/2009	Drinkard	No	6,707	6,707	2.0	2
10/5/2009	Drinkard	No	6,713	6,713	2.0	2
10/5/2009	Drinkard	No	6,720	6,720	2.0	2
10/5/2009	Drinkard	No	6,746	6,746	2.0	2

Tubing Strings

Tubing Description		Run Date	String Length (ft)		Set Depth (ftKB)		
Tubing - Production		10/11/2013	6,780.62		6,791.1		
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	16 9		T&C Upset	2 7/8	6.50	J-55	5,479.95
Anchor/catcher	1		Baker	5 1/2	23.00	N-80	2.70
Tubing	39		T&C Upset	2 7/8	6.50	J-55	1,265.58
Blast Joint	1		Blast JT	2 7/8	6.50	J-55	31.29
Seat Nipple	1		Seat Nipple	2 7/8	59.00	N-80	1.10

Rod Strings

Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)		
Rod		9/19/2017	6,403.0		6,403.0		
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polished Rod	1		Sprayloy	1 1/2	6.10	PRS	26.00
Pony Rod	1		Slim	1	4.28	KD	2.00
Sucker Rod	76		S87 W/T CPLG/FULL	1	2.88	KD	1,900.00
Sucker Rod	85		S87 W/T CPLG/FULL	3/4	1.60	KD	2,125.00
Sucker Rod	94		S87 W/T CPLG/FULL	3/4	1.60	KD	2,350.00

Plug Back Total Depths

Date	Type	Depth (ftKB)	Depth (TVD) (ftKB)
10/5/2009	Cement Plug	6,934	6,933

Failed Component Links & Details

Category	Description	Failure Depth (ftKB)	Comp. Des	Failure Date
Tubing	HIT		Tubing	9/6/2017

Comments

Comment

Blinebry Proposed; 5,737.00-5,990.00

East Blinebry Drinkard Unit 73
30-025-39380
Apache Corporation
Conditions of Approval

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken:

Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise. Exceptions to these restrictions may be granted by BLM's Cassandra Brooks <crbrooks@blm.gov> 575.234.2232

Notify BLM at 575-361-2822 (Eddy County) or 575-393-3612 (Lea County) a minimum of 24 hours prior to commencing work.

Work to be completed by August 7th, 2018

1. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.
2. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
3. Surface disturbance beyond the originally approved pad must have prior approval.
4. Closed loop system required.
5. All waste (i.e. drilling fluids, 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 fracturing operations or any other crew-intensive operations.
6. Operator to have H2S monitoring equipment on location.

7. A minimum of a 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 size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
8. **Subsequent sundry required detailing work done, a C-102 form, and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.**
9. **See attached for General Plugback Guidelines**

MHH 05072018

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within **ninety (90)** days from this approval. **If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**
 2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
 3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
 4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
 5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.
In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**
- Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.
6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
 7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.