

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
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.
NMLC-031741A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well JUL 28 2014
 Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.
WBDU NM120042X

2. Name of Operator
Apache Corporation **RECEIVED**

8. Well Name and No.
West Blinebry Drinkard Unit (WBDU) #105 (37346)

3a. Address
303 Veterans Airpark Lane, Suite 3000
Midland, TX 79705

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

9. API Well No.
30-025-40480

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330' FNL & 2550' FWL UL C Sec 8 T21S R37E

10. Field and Pool or Exploratory Area
Eunice; B-T-D, North (22900)

11. Country or Parish, State
Lea 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"/> 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 checked="" type="checkbox"/> Other <u>WORKOVER</u>
	<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 would like to complete and frac the Blinebry, per the attached procedure.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Reesa Fisher

Title Sr Staff Regulatory Analyst

Signature

Reesa Fisher

Date 04/18/2014

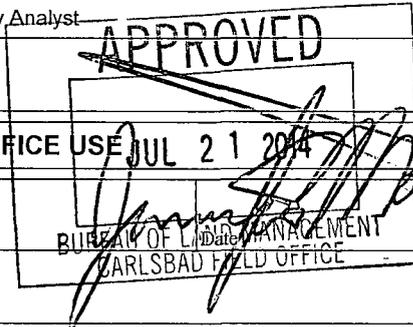
THIS SPACE FOR FEDERAL OR STATE OFFICE USE JUL 21 2014

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



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)

JUL 30 2014

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WBDU 105 (API: 30-025-40480) Proposed Workover Procedure

Complete and Fracture Stimulate the Blinebry

April 17, 2014

Day 1: MIRU. POOH w/ rods and pump. Install BOP. POOH w/ 2-7/8" tubing

Day 2: MIRU WL. RIH & correlate depths to openhole logs

Set CBP @ +/-6080'. PUH & perforate the Blinebry as per the attached sheet w/3-1/8" slick guns loaded w/ Owen TAG-3375-311L charges @ 1 SPF, 180 deg phasing (total 36 ft, 36 shots). POOH & RD WL

PU & RIH w/ treating packer on 2-7/8" tubing to +/-5650'

Day 3: MIRU pump trucks. Circulate wellbore and set packer @ +/-5650'. P/T casing to 5,000 psi

Acidize the Blinebry with 3,400 gals 15% HCl and ball sealers @ +/-10 BPM. Release packer and run through perms to knock off balls. POOH w/ tubing

Day 4: RU frac equipment. Frac the Blinebry w/220,000 lbs 20/40 and 16/30 proppant down 5-1/2" casing @ +/-60 BPM (pressure permitting, max pressure is 5,000 psi) in 25# XL gel as per frac program. RD frac equipment

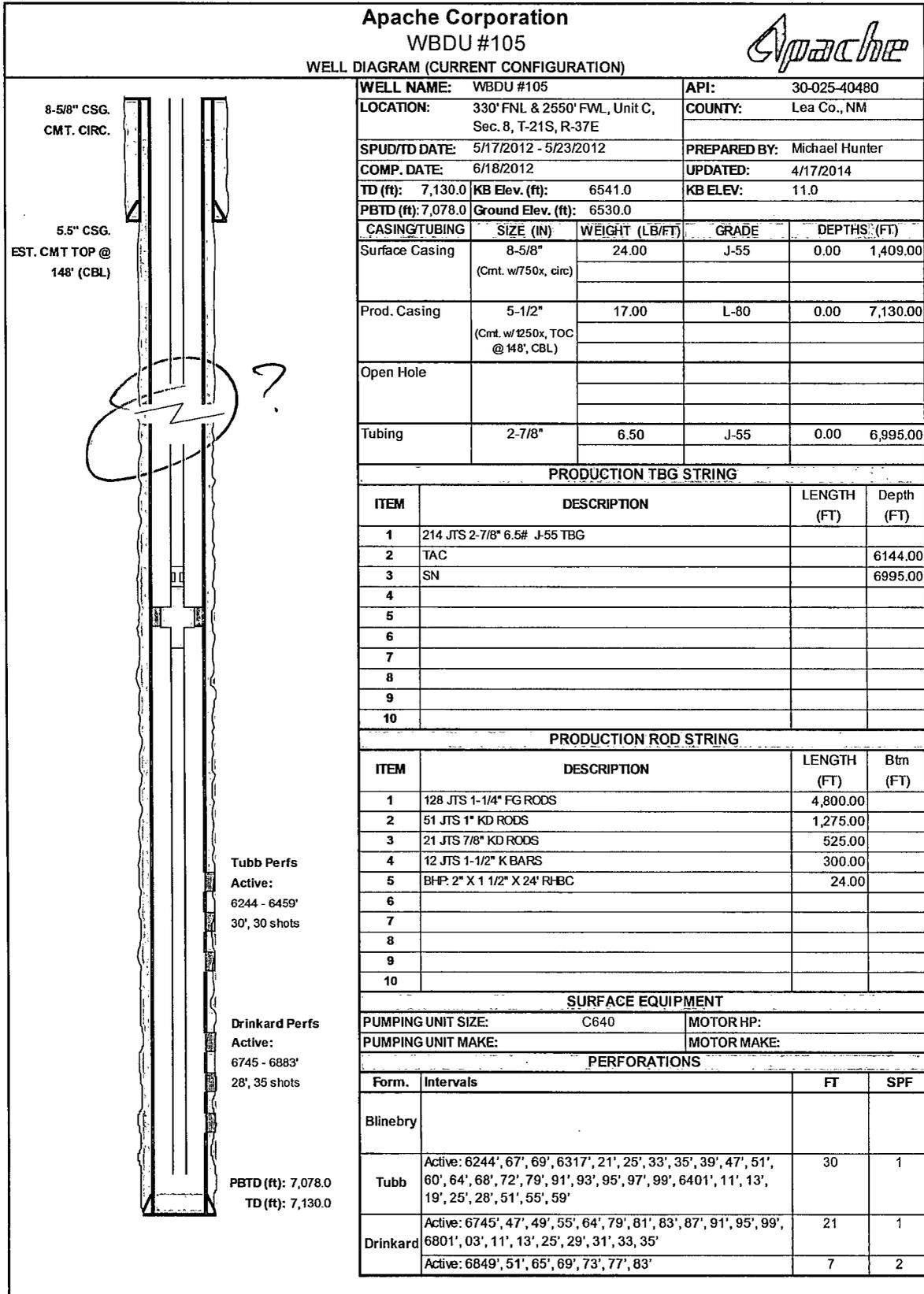
Day 5: PU & RIH w/ 4-3/4" bit on 2-7/8" tubing. Clean well out to CBP. Drill out CBP and circulate well clean

Day 6: RIH w/ 2-7/8" production tubing. RIH w/ 1-1/2" pump and rods. Return well to production. Place well in test

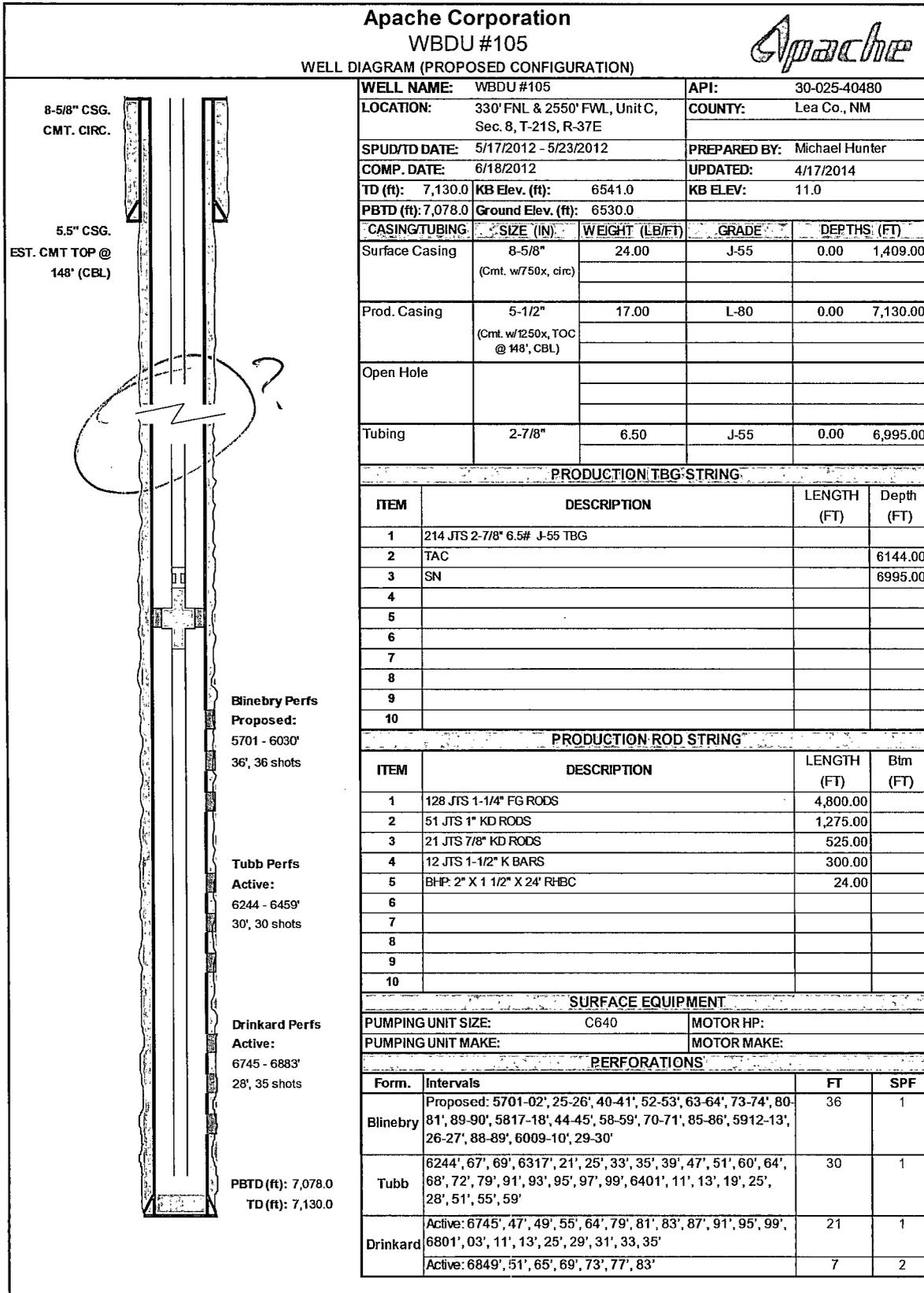
WBDU 105 Blinebry Perforations**Guns: 3-1/8" slick guns w/Owen TAG-3375-3111 Charges**

Stage	Zone	Top	Bottom	Feet	SPF	Shots
1	Blinebry	5701	5702	2	1	2
1	Blinebry	5725	5726	2	1	2
1	Blinebry	5740	5741	2	1	2
1	Blinebry	5752	5753	2	1	2
1	Blinebry	5763	5764	2	1	2
1	Blinebry	5773	5774	2	1	2
1	Blinebry	5780	5781	2	1	2
1	Blinebry	5789	5790	2	1	2
1	Blinebry	5817	5818	2	1	2
1	Blinebry	5844	5845	2	1	2
1	Blinebry	5858	5859	2	1	2
1	Blinebry	5870	5871	2	1	2
1	Blinebry	5885	5886	2	1	2
1	Blinebry	5912	5913	2	1	2
1	Blinebry	5926	5927	2	1	2
1	Blinebry	5988	5989	2	1	2
1	Blinebry	6009	6010	2	1	2
1	Blinebry	6029	6030	2	1	2

Current Wellbore Diagram



Proposed Wellbore Diagram



East Blinebry Drinkard Unit 105
30-025-40480
Apache Corporation
July 21, 2014
Conditions of Approval

Work to be completed by October 21, 2014.

Notify BLM at 575-393-3612 a minimum of 24 hours prior to commencing work.

- 1. Must conduct a casing integrity test before any perforating or fracturing can be done. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Contact the 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. Operator to include well bore schematic of current well condition when work is complete.**

JAM 072114