

District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Minerals and Natural Resources  
**RECEIVED**  
JUN 18 2009  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
**HOBSOCD**

Form C-101  
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224		<sup>2</sup> OGRID Number 00873
<sup>3</sup> Property Code 37346		<sup>4</sup> Property Name West Blinebry Drinkard Unit
<sup>5</sup> Proposed Pool 1 Eunice; Blinebry-Tubb-Drinkard, North		<sup>6</sup> Well No 061
<sup>7</sup> Proposed Pool 2		<sup>8</sup> API Number 30 025-06629

**7 Surface Location**

UL or lot no. D	Section 16	Township 21S	Range 37E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	Last/Westline West	County Lea
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**8 Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
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**Additional Well Information**

<sup>11</sup> Work Type Code A	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary S (BO-1557)	<sup>14</sup> Lease Type Code S (BO-1557)	<sup>15</sup> Ground Level Elevation 3489'
<sup>16</sup> Multiple Yes	<sup>17</sup> Proposed Depth 6661'	<sup>18</sup> Formation Bli-Tu-Dri	<sup>19</sup> Contractor	<sup>20</sup> Spud Date OPEN
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/>		Pit Volume _____ bbls		
Closed-Loop System <input type="checkbox"/>		Drilling Method _____		
		Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
No Change					

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**Current Profile:**

Blinebry perforations fr/ 5632-5972', currently producing.  
Drinkard perforations fr/ 6504-6618', currently producing.  
Drinkard open hole fr/ 6629-6661', currently producing.

Apache proposes to recomplete this well to include the Tubb via the following procedure:

1. MIRU pulling unit. Pull production equipment. CO to PBTD @ 6661'.
2. Isolate and acidize Drinkard.
3. Isolate and acidize Blinebry.
4. Perforate Upper Tubb at interval selected by engineer.
5. Isolate, acidize and fracture stimulate new Tubb perfs.
6. Place well on production from Blinebry-Tubb-Drinkard per R-12538.

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway**

*Adding Perfs*

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name Sophie Mackay  
Title Engineering Tech

E-mail Address sophie.mackay@apachecorp.com

Date 06/16/2009

Phone (918)491-4864

**OIL CONSERVATION DIVISION**

Approved by

Title: PETROLEUM ENGINEER

Approval Date

JUN 23 2009

Expiration Date

Conditions of Approval Attached ☐

Present

WELL DATA SHEET

Last Update: 1-14-09

Lease Name: WBPU #61 (S+C, T1/2 #7)

API No: 30-025-06629

Location: 660'N/660'W  
C-NW-NW, Sec 16, T-21S, R-37E

County: Lea ST: NM

Spud Date: 6-8-49 Well Elev: 3489' GL 10' KB

TD Date: 7-19-49 Completion Date: 8-4-49

TD: 6690' PBTD: 6661' TOC: 2700'(TS)

Csg Size: 13 3/8" 31.25# Wt: 32/36# Grd: 4-40/5-55 Dpth: 2898' Cmt: 1500sx TOC-675'(C)

Producing Formation: Blinebry / Drinkard

Perfs: From 5632' to 5799' 2/spf 6504 to 88' - 2/spf

5836' to 5972' 2/spf 6602 to 18' - 4/spf

IP: \_\_\_\_\_ BOPD \_\_\_\_\_ BWPD \_\_\_\_\_ MCF/D

Blinebry

Well History: (See Attached)

5632-34', 52-54',  
5658-61', 69-71',  
5687-93',  
5704-08, 22-24',  
5727-30, 41-42',  
5748-51, 63-65',  
5769-71, 78-81',  
5795-99'

5836-44, 64-69',  
5883-87, 99-5904',  
5922-26, 40-45',  
5967-72'

Drinkard

6504-10'  
6522-32'  
6538-40'  
6545-47'  
6550-52'  
6554-58'  
6563-68'  
6584-88'

6602-18'

Well Equipment:

Pumping Unit: PCS Plunger Lift (4-19-96)

Motor Type: \_\_\_\_\_ HP: \_\_\_\_\_ POC: \_\_\_\_\_

Tbg: 209 Jts 2 3/8" Size 4.7# Grade J-55

MA @ 6231' SN @ 6181' TAC @ 5187' (4-19-96)

Rods: \_\_\_\_\_

Pump: \_\_\_\_\_

4 3/4" OH

6661

TD: 6690'

Csg Size: 5 1/2" Wt: 14# 15.5# Grd: J-55 Dpth: 6629' Cmt: 1300sx

Proposed

**WELL DATA SHEET**

Last Update: 6-12-09

Lease Name: WBDU #61 (S+C, T-12 #7)

API No: 30-025-06629

Location: 660'N/660'W

C-NW-NW, Sec 16, T-21S, R-37E

County: Lea

ST: NM

Spud Date: 6-8-49 Well Elev: 3489' GL 10' KB

TD Date: 7-19-49 Completion Date: 8-4-49

TD: 6690' PBTD: 6661' TOC: 2700'(rs)

13 3/8" 31.25"

338' 300 SX (Circ)

Csg Size: 9 5/8" Wt: 32/36# Grd: 4-40/J55 Dpth: 2898' Cmt: 1500 SX

Producing Formation: Blinberry/Tubb/Drinkard

Perfs: From 5632' to 5972' 2/spf 6504 to 88' - 2 spf

6200 to 6350' 2/spf 6602 - 18' - 4 spf  
6629 to 90' - 0 1/4

Blinberry IP: \_\_\_\_\_ BOPD \_\_\_\_\_ BWPD \_\_\_\_\_ MCF/D

Well History: (See Attached)

5632-34, 52-54,  
5658-61, 69-71,  
5687-93,  
5704-08, 22-24,  
5727-30, 41-42,  
5748-51, 63-65,  
5769-71, 78-81,  
5795-99

5836-44, 64-69,  
5883-87, 99-5902,  
5922-26, 40-45,  
5967-72'

Tubb

6200'

Asper log

6350'

Drinkard

6504-10'  
6522-32'  
6538-40'  
6545-47'  
6550-52'  
6554-58'  
6563-68'  
6584-88'

6602-18'

Well Equipment:

Pumping Unit: To be determined

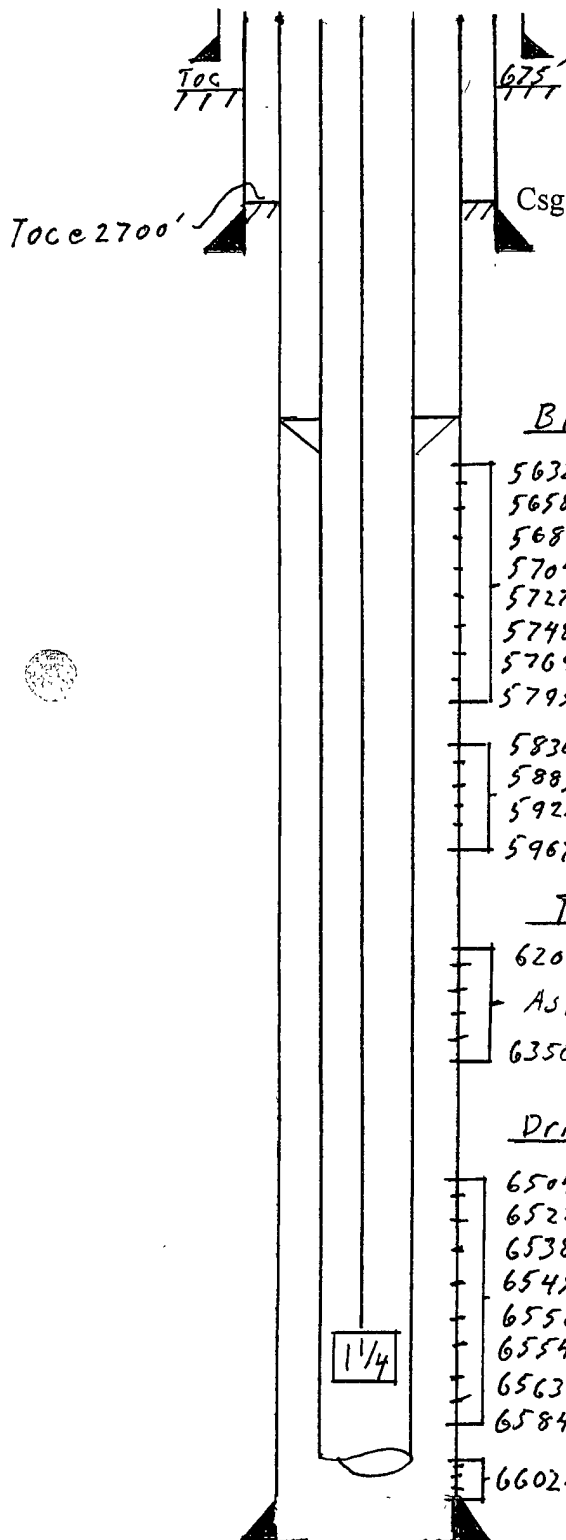
Motor Type: \_\_\_\_\_ HP: \_\_\_\_\_ POC: \_\_\_\_\_

Tbg: 220 Jts 2 3/8" Size 4.7" Grade J-55

MA @ 6600' SN @ 6570' TAC @ 5600'

Rods: ± 90-7/8" + ± 173-2 1/4"

Pump: 2" x 1 1/4" x 16"



4 3/4" O H

6661'

TD: 6690'

Csg Size: 5 1/2" Wt: 14# Grd: J-55 Dpth: 6629' Cmt: 1300 SX

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**RECEIVED**  
OIL CONSERVATION DIVISION  
JUN 18 2009  
HOBBSOCD  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-025-06629		* Pool Code 22900		* Pool Name Eunice; Blinebry-Tubb-Drinkard, North	
* Property Code 37346		* Property Name West Blinebry Drinkard Unit			* Well Number 061
* OGRID No. 00873		* Operator Name Apache Corporation (873)			* Elevation 3489'

#### <sup>10</sup> Surface Location

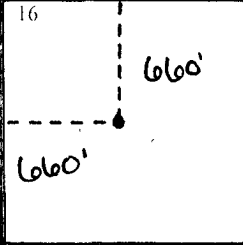

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	21S	37E		660	North	660	West	Lea

#### <sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

" Dedicated Acres 40	" Joint or Infill	" Consolidation Code	" Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

<div>16</div> 				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <div><div></div><div>06/15/2009</div></div> <div>Signature</div> <div>Date</div> <div>Sophie Mackay</div> <div>Printed Name</div>	
<div>18 SURVEYOR CERTIFICATION</div> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</p> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div>Certificate Number</div>					