

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
**Energy Minerals and Natural Resources**  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505



Form C-101  
Revised November 14, 2012

AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		<sup>2</sup> OGRID Number 873
		<sup>3</sup> API Number 30-015-39884
<sup>4</sup> Property Code 309175	<sup>5</sup> Property Name Washington 33 State	<sup>6</sup> Well No. 034

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
I	33	17S	28E		1480	South	1040	East	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

Pool Name Artesia; Glorieta-Yeso (O)	N5L-6588	Pool Code 96830
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**Additional Well Information**

<sup>11</sup> Work Type P	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3667'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 4270'	<sup>18</sup> Formation Blinebry	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 07/19/2012
Depth to Ground water		Distance from nearest fresh water well None within 1/2 mile radius		Distance to nearest surface water None

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
S	12-1/4"	8-5/8"	24#	517'	390 sx Class C	Surface
P	7-7/8"	5-1/2"	17#	5096'	750 sx Class C	Surface

**Casing/Cement Program: Additional Comments**

Apache would like to plugback the Lower Blinebry & complete the Paddock/Blinebry as per the attached procedure.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. <b>I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/>, if applicable.</b> Signature:	OIL CONSERVATION DIVISION	
	Approved By:	
	Title:	
	Approved Date:	Expiration Date:
	Conditions of Approval Attached	

Printed name: Fatima Vasquez	
Title: Regulatory Tech I	
E-mail Address: Fatima.Vasquez@apachecorp.com	
Date: 02/08/2013	Phone: (432) 818-1015

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-39884	<sup>2</sup> Pool Code 96830	<sup>3</sup> Pool Name Artesia; Glorieta-Yeso (O)
<sup>4</sup> Property Code 309175	<sup>5</sup> Property Name Washington 33 State	
<sup>7</sup> OGRID No. 873	<sup>8</sup> Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	<sup>6</sup> Well Number 034
<sup>9</sup> Elevation 3667'		

<sup>10</sup> Surface Location

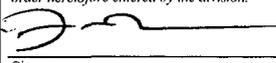
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	33	17S	28E		1480	South	1040	East	Eddy

<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

<sup>12</sup> Dedicated Acres 40.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. NSL -6588-0; PC-1242-0
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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.

<p><sup>16</sup></p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> 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> <p> 02/08/2013 Signature Date</p> <p>Fatima Vasquez Printed Name</p> <p>Fatima.Vasquez@apachecorp.com E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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> <p>Date of Survey Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>

# APACHE CORPORATION

WASHINGTON 33 STATE #34

30-015-39884

## PLUG BACK LOWER BLINEBRY & COMPLETION PADDOCK/BLINEBRY

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### Relative Data:

**Casing:** 5 1/2", 17 lb/ft, J-55

ID = 4.892"

Drift = 4.767"

Capacity = 0.02324 BBL/ft

Burst = 5320 psi; 80% = 4256 psi

**Tubing:** 2-7/8", 6.5 lb/ft, J-55, 8rd, EUE

Capacity = 0.005794 bbl/ft

Burst = 7260 psi; 80% = 5808 psi

Collapse 7680 psi; 80% = 6144 psi

Yield 99,660 lbs; 80% = 79,728 lbs

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5 1/2" x 2 7/8" Annular capacity 0.0152 BBL/ft KB = 11 ft (AGL) TD = 5,096' KB

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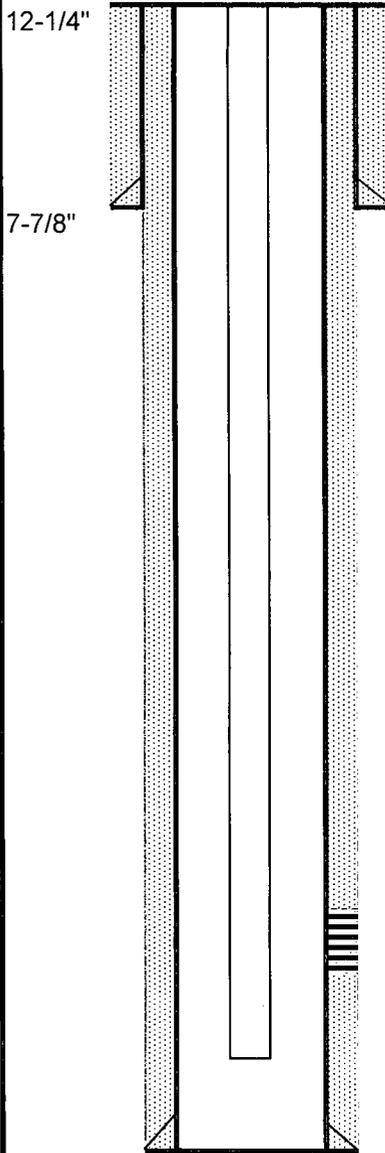
1. MIRUDDPU. Install BOP. Set CIBP @ 4300' w/30' cmt. Test casing & CIBP TO 2500 psi. TIH spot 900 gallons 10% Acetic @ 4150'. Perforate the Paddock/Blinebry zone per log analysis 3,595, 3622, 45, 65, 87, 3709, 23, 38, 55, 65, 3803, 20, 41, 56, 66, 80, 93, 3907, 29, 45, 57, 70, 85, 4007, 25, 45, 62, 82, 94, 4115, 30 & 49'. (1 JSPF) (32 holes) using a charge that generates a .37" - .42" diameter hole with a min. 21" penetration. RD wireline. RD WL.
2. RU wellhead tree saver & multi-stg frac tool for fracture stimulating. Acidize W/3500 gals of 15% NEFE HCl W/additives using 40 balls to divert evenly spaced throughout job at max rate but not exceeding 3000 psi surface pressure. Surge balls off perms and allow to fall to bottom.
3. Frac the Paddock/Blinebry dn csg according to vendor recommended procedure.
4. Flow back well until dead. RU reverse unit & swivel.
5. TIH W/4 3/4" bit & CO well to PBTD. Reverse circ clean. TOH & LD bit.
6. Hydrotest in hole with W/tbg for production as specified by the Artesia office. TIH W/pump & rods as specified by the Artesia office.

Apache Corp.  
Current Wellbore

<b>GROUP:</b>	Permian North	<b>DATE:</b>	Feb. 05, 2013
<b>FIELD:</b>	Artesia (BP)	<b>BY:</b>	S Hardin
<b>LEASE/UNIT:</b>	Washington 33 State	<b>WELL:</b>	#34
<b>COUNTY:</b>	Eddy	<b>STATE:</b>	New Mexico
<b>API:</b>	30-015-39884		

Spud Date: 7/19/2012  
Rig Release Date: 7/26/2012  
Completion Date: 9/14/2012

KB = 11'  
GL = 3667'



8-5/8" 24# J-55 Set @ 517'  
CMT W/ 390 SX (SURF/CIRC)

2-7/8 6.5# J-55 TUBING @ 5028'

**BLINEBRY**  
4350'-5040' (1 JSPF, 29 holes)

5-1/2" 17# J-55 Set @ 5096'  
CMT W/ 750 SX (SURF/CIRC)

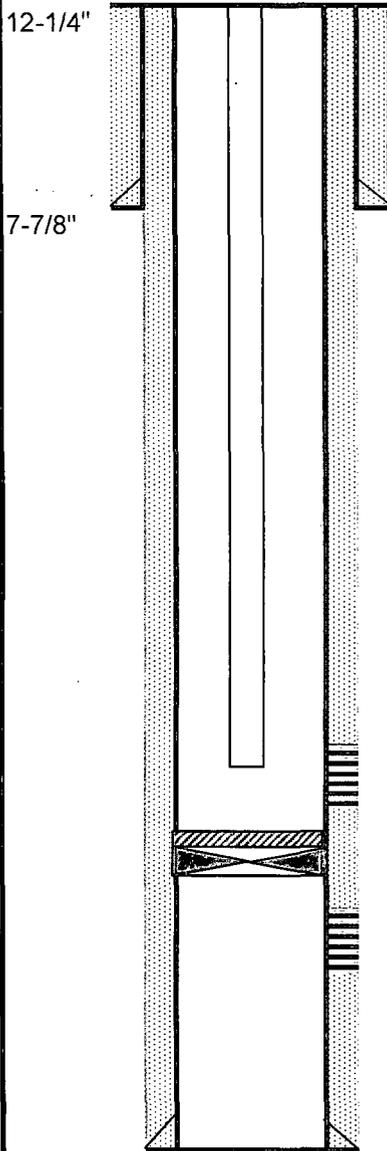
TD: 5096'  
PBD: 5079'

**Apache Corp.**  
**Proposed Wellbore**

<b>GROUP:</b>	Permian North	<b>DATE:</b>	Feb. 05, 2013
<b>FIELD:</b>	Artesia (BP)	<b>BY:</b>	S Hardin
<b>LEASE/UNIT:</b>	Washington 33 State	<b>WELL:</b>	#34
<b>COUNTY:</b>	Eddy	<b>STATE:</b>	New Mexico
<b>API:</b>	30-015-39884		

Spud Date: 7/19/2012  
Rig Release Date: 7/26/2012  
Completion Date: 9/14/2012

**KB = 11'**  
**GL = 3667'**



8-5/8" 24# J-55 Set @ 517'  
CMT W/ 390 SX (SURF/CIRC)

2-7/8 6.5# J-55 TUBING

**PADDOCK/BLINEBRY**  
3595'-4149' (1 JSPF, 32 holes)

CIBP @ 4300' w/30' cmt

**BLINEBRY**  
4350'-5040' (1 JSPF, 29 holes)

5-1/2" 17# J-55 Set @ 5096'  
CMT W/ 750 SX (SURF/CIRC)

**TD: 5096'**  
**PBTD: 4270'**