

**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**

**RECEIVED**

FEB 13 2013

Form C-101  
Revised November 14, 2012

**NM OCD ARTESIA**

☐ 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  30-015-40120
<sup>4</sup> Property Code  309175	<sup>5</sup> Property Name  Washington 33 State	<sup>6</sup> Well No.  065

**<sup>7</sup> Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	33	17S	28E		330	South	360	East	Eddy

**<sup>8</sup> Proposed Bottom Hole Location**

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

**<sup>9</sup> Pool Information**

Pool Name Artesia; Glorieta-Yeso (O)	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 3666'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 5050'	<sup>18</sup> Formation Blinebry	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 07/11/2012
Depth to Ground water		Distance from nearest fresh water well None within 1/2 mile radius		Distance to nearest surface water None

**<sup>21</sup> 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#	513'	380 sx Class C	Surface
P	7-7/8"	5-1/2"	17#	5100'	900 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.
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**<sup>22</sup> 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.  
I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.  
Signature:

Printed name: Fatima Vasquez

Title: Regulatory Tech I

E-mail Address: Fatima.Vasquez@apachecorp.com

Date: 02/12/2013

Phone: (432) 818-1015

**OIL CONSERVATION DIVISION**


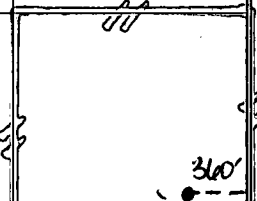
Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

16					<b>17 OPERATOR CERTIFICATION</b> <i>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.</i>  Signature 02/11/2013 Date Fatima Vasquez Printed Name Fatima.Vasquez@apachecorp.com E-mail Address
					<b>18 SURVEYOR CERTIFICATION</b> <i>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.</i>  Date of Survey Signature and Seal of Professional Surveyor Certificate Number

# APACHE CORPORATION

WASHINGTON 33 STATE #65

30-015-40120

## 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 = 13 ft (AGL) TD = 5,100' KB

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1. MIRUDDPU. Install BOP. Set CBP @ 4450' w/NO cmt. Test casing & CIBP TO 2500 psi. TIH spot 900 gallons 10% Acetic @ 4250'. Perforate the Paddock/Blinebry zone per log analysis 3785, 3800, 22, 34, 49, 60, 75, 93, 3914, 24, 40, 55, 67, 80, 4000, 12, 21, 37, 56, 76, 4100, 23, 40, 62, 79, 4200, 24 & 37'. (1 JSPF) (28 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 perfs 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 5050'. 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**

**GROUP:** Permian North  
**FIELD:** Artesia (BP)  
**LEASE/UNIT:** Washington 33 State  
**COUNTY:** Eddy  
**API:** 30-015-40120

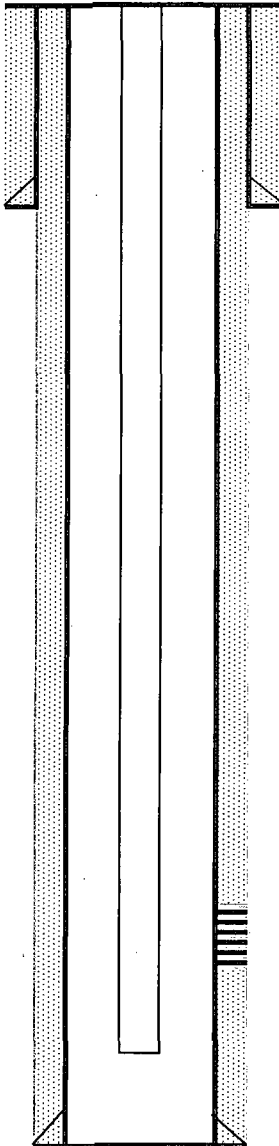
**DATE:** Feb. 06, 2013  
**BY:** S Hardin  
**WELL:** #65  
**STATE:** New Mexico

Spud Date: 7/11/2012  
Rig Release Date: 7/18/2012  
Completion Date: 9/1/2012

**KB = 11'**  
**GL = 3666'**

12-1/4"

7-7/8"



8-5/8" 24# J-55 Set @ 513'  
CMT W/ 380 SX (SURF/CIRC)

2-7/8 6.5# J-55 TUBING @ 5008'

**BLINEBRY**  
4500'-5000' (1 JSPF, 31 holes)

5-1/2" 17# J-55 Set @ 5100'  
CMT W/ 900 (SURF/CIRC)

**TD: 5100'**  
**PBTD: 5058'**

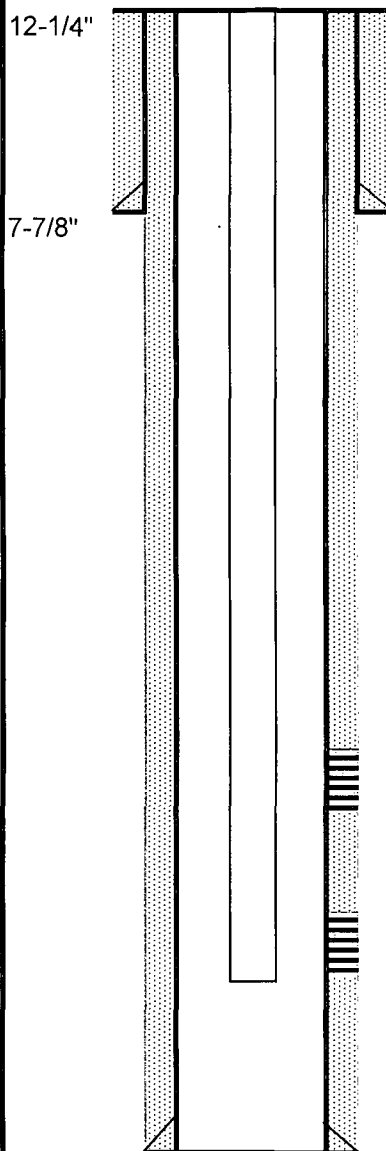
**Apache Corp.**  
**Proposed Wellbore**

**GROUP:** Permian North  
**FIELD:** Artesia (BP)  
**LEASE/UNIT:** Washington 33 State  
**COUNTY:** Eddy  
**API:** 30-015-40120

**DATE:** Feb. 12, 2013  
**BY:** S Hardin  
**WELL:** #65  
**STATE:** New Mexico

Spud Date: 7/11/2012  
Rig Release Date: 7/18/2012  
Completion Date: 9/1/2012

**KB = 11'**  
**GL = 3666'**



8-5/8" 24# J-55 Set @ 513'  
CMT W/ 380 SX (SURF/CIRC)

2-7/8 6.5# J-55 TUBING

**PADDOCK/BLINEBRY**  
3785'- 4237' (1 JSPF, 28 holes)

**BLINEBRY**  
4500'-5000' (1 JSPF, 31 holes)

5-1/2" 17# J-55 Set @ 5100'  
CMT W/ 900 (SURF/CIRC)

**TD: 5100'**  
**PBTD: 5050'**