

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  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 Chesapeake Operating Inc. 2010 Rankin Hwy Midland, TX 79701		<sup>2</sup> OGRID Number 147179
<sup>3</sup> Property Code 23402-29557		<sup>4</sup> Property Name Kyte
<sup>5</sup> Proposed Pool 1 Blinebry oil and gas		<sup>6</sup> Well No 9
<sup>7</sup> Proposed Pool 2 Warren; Tubb, East		

**7 Surface Location**

UL or lot no C	Section 23	Township 20S	Range 38E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1980	East/Westline WEST	County LEA
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**8 Proposed Bottom Hole Location If Different From Surface**

UL or lot no C	Section 23	Township 20S	Range 38E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1980	East/Westline WEST	County LEA
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**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3567
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7950	<sup>18</sup> Formation Blinebry/Tubb	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 11/26/2007
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 Drilling Method _____				
Closed-Loop System <input type="checkbox"/> 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
12 1/4	9 5/8	36	1600	650	
8 3/4	7	23 & 26	7950	1850	

<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.  
Chesapeake, respectfully, request permission to re-enter this well per the attached procedure.

NO PIT.

**Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback**



<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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name Shay Stricklin		Approved by: <i>Harry W. Wink</i>	
Title Regulatory Tech.		Title <b>OC FIELD REPRESENTATIVE II/STAFF MANAGER</b>	
E-mail Address sstricklin@chkenergy.com		Approval Date <b>DEC 04 2007</b> Expiration Date.	
Date 11/20/2007	Phone (432)687-2992	Conditions of Approval Attached <input type="checkbox"/>	

**Kyte 9-23**  
**Blinebry & Tubb Re-Completion**  
**Lea County, New Mexico**

**Procedure**

Hold Tailgate Safety meeting prior to beginning work each morning and as required for specific operations.

1. Prep location. Check anchors and clean area for workover.
2. MIRU workover rig. POH w/pump and rods. ND WH. NU BOP. TIH w/tubing to tag PBTD. TOH w/tubing.
3. RU wireline unit. RIH and set CIBP @ 7,300' and dump 35' cement on top to abandon Abo. POH.
4. RIH and perforate Tubb as follows:

Tubb	6,838' – 6,840'	6'	3 SPF	6 holes
Tubb	6,754' – 6,756'	2'	3 SPF	6 holes
Tubb	6,710' – 6,716'	6'	3 SPF	18 holes
Tubb	6,644' – 6,650'	6'	3 SPF	18 holes
<u>Tubb</u>	<u>6,594' – 6,598'</u>	<u>4'</u>	<u>3 SPF</u>	<u>12 holes</u>
Totals		24'		72 holes

Correlate to Schlumberger CN/TDD from 8/5/98. RDMO wireline.

5. TIH w/3-1/2" workstring and treating packer to 6,550' and set.
6. RU frac service and frac Tubb perms 6,594' – 6,840' (72 holes) with 50,000# 20/40 sand. Frac design/pump schedule will be provided separately once finalized. Record ISIP-5-10-15 min pressures.
7. Unset packer and TOH with 3-1/2" work string and packer. RU wireline. RIH and set CIBP at 6,550'. Tag plug to verify. POH.
8. RIH and perforate Blinebry as follows:

Blinebry	6,506' – 6,510'	4'	4 SPF	16 holes
Blinebry	6,483' – 6,487'	4'	4 SPF	16 holes
Blinebry	6,462' – 6,464'	2'	4 SPF	8 holes
<u>Blinebry</u>	<u>6,392' – 6,396'</u>	<u>4'</u>	<u>4 SPF</u>	<u>16 holes</u>
Totals		14'		56 holes

Correlate to Schlumberger CN/TDD from 8/5/98. RDMO wireline.

9. TIH w/3-1/2" work string and treating packer and set at 6,350'.
10. RU frac service and frac Blinebry perms 6,392' – 6,510' (56 holes) with 50,000# 20/40 sand. Frac design/pump schedule will be provided separately once finalized. Record ISIP-5-10-15 min pressures.
11. Unset packer and TOH with work string and packer.
12. PU bit and work string and TIH to DO plugs set at 6,070' and 6,250' and clean out to PBTD (7,265'). Circulate hole clean. TOH.
13. PU and RIH with tubing and packer to 6,350' and set. Swab well to determine productivity. Once sand production is not a concern, unset packer and TOH. LD work string.

14. TIH with production tubing and SN. Set seat nipple at 6,850' (below perfs).

15. ND BOP. NU WH. TIH with pump and rods. Fill tubing and space out pump accordingly. Verify pump action. Place well on test. *Note: Rod design to follow this procedure.*

16. RDMO workover rig. Clean location.



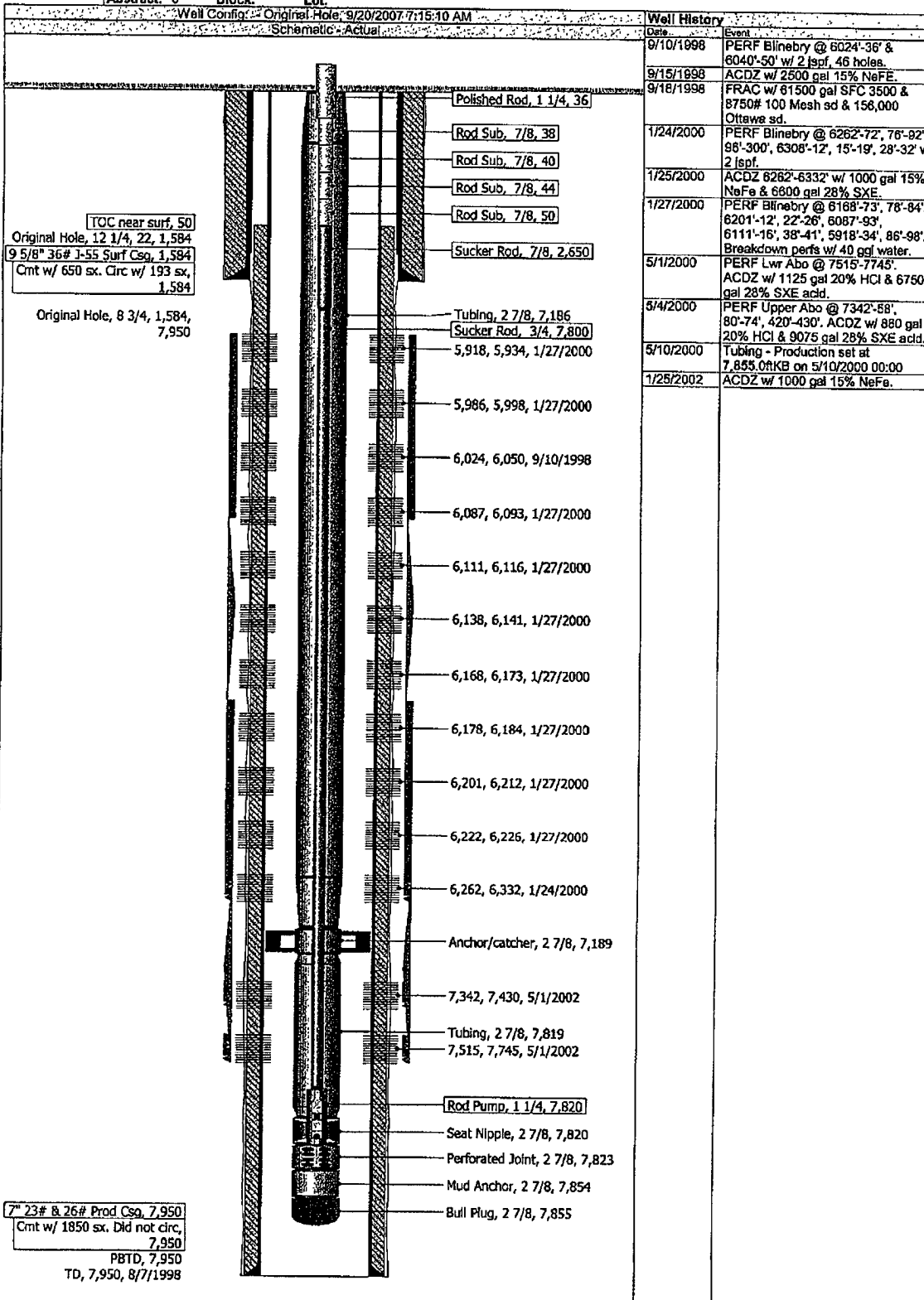
# Current Wellbore Schematic

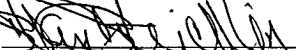
KYTE 9-23

Field: BLINEBRY OIL & GAS  
County: LEA  
State: NEW MEXICO  
Elevation: GL 3,567.00 KB 3,589.00  
KB Height: 22.00

Spud Date: 7/18/1998  
Initial Compl. Date:  
API #: 3002534457  
CHK Property #: 890142  
1st Prod Date:  
PBSD: Original Hole - 7950.0  
TD: 7,950.0

Location: 860.0 ft FNL & 1,980.0 ft FWL - Bottom 23' <8998y0136e?>  
Abstract: 0 Block: Lot:



<div>16</div> <div>1980</div>		<div>17</div> <div><b>OPERATOR CERTIFICATION</b></div> <div>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</div>
		<div><div>11/20/2007</div><div>Signature</div><div>Date</div><div>Shay Stricklin</div><div>Printed Name</div></div>
		<div>18</div> <div><b>SURVEYOR CERTIFICATION</b></div> <div>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.</div>
		<div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div>Certificate Number</div>

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1625 N. French Dr., Hobbs, NM 88240

**District II**

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## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

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

1 API Number 30-025-34457		2 Pool Code 87085		3 Pool Name Warren; Tubb, East	
4 Property Code 23402		5 Property Name Kyte			6 Well Number 9
7 OGRID No. 147179		8 Operator Name Chesapeake Operating Inc.			9 Elevation 3567

## 10 Surface Location

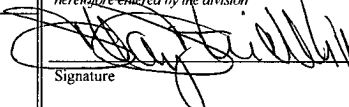
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	23	20S	38E		660	NORTH	1980	WEST	LEA

## 11 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
C	23	20S	38E		660	NORTH	1980	WEST	LEA

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 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.

16 	17 <b>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  Signature _____ Date 11/20/2007 Shay Stricklin Printed Name	
	18 <b>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 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____	