

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30-015-43148	<sup>5</sup> Pool Name Santo Nino; Bone Spring	<sup>6</sup> Pool Code 54600
<sup>7</sup> Property Code 314864	<sup>8</sup> Property Name Baroque BTQ Federal Com	<sup>9</sup> Well Number 1H

II. <sup>10</sup> Surface Location

UL or lot no. J	Section 6	Township 19S	Range 30E	Lot Idn	Feet from the 1980	North/South Line South	Feet from the 2440	East/West line East	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. I	Section 5	Township 19S	Range 30E	Lot Idn	Feet from the 1979	North/South line South	Feet from the 330	East/West line East	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 3/22/16	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
033479	HollyFrontier Refining & Marketing, LLC 10 Desta Drive, Suite 350W Midland, TX 79705	O
147831	Agave Energy Company 105 South Fourth Street Artesia, NM 88210	G
NM OIL CONSERVATION ARTESIA DISTRICT MAR 25 2016 RECEIVED		

IV. Well Completion Data

<sup>21</sup> Spud Date 11/17/15 RH 11/24/15 RT	<sup>22</sup> Ready Date 3/19/16	<sup>23</sup> TD 15,391' 8338	<sup>24</sup> PBSD 15,388'	<sup>25</sup> Perforations 8,774' - 15,324' (toe sleeve at 15,374')	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 30"	<sup>28</sup> Casing & Tubing Size Conductor	<sup>29</sup> Depth Set 200'	<sup>30</sup> Sacks Cement 972 sx redi-mix to surface		
17-1/2"	13-3/8"	328'	250 sx (cire)		
12-1/4"	9-5/8"	3,322'	759 sx (cire)		
8-1/2"	5-1/2"	15,391'	1,785 sx (TOC 1,334' CBL)		
	2-7/8"	8,276'			

V. Well Test Data

<sup>31</sup> Date New Oil 3/20/16	<sup>32</sup> Gas Delivery Date 3/22/16	<sup>33</sup> Test Date 3/22/16	<sup>34</sup> Test Length 24 hours	<sup>35</sup> Tbg. Pressure 580 psi	<sup>36</sup> Csg. Pressure NA
<sup>37</sup> Choke Size 38/64"	<sup>38</sup> Oil 990	<sup>39</sup> Water 1770	<sup>40</sup> Gas 721	<sup>41</sup> Test Method Flow Test	

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Laura Watts*

Printed name:  
Laura Watts

Title:  
Regulatory Reporting Technician

E-mail Address:  
laura@yatespetroleum.com

Date: March 23, 2016

Phone:  
575-748-4272

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Pending BLM approvals will  
subsequently be reviewed  
and scanned

# NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 25 2016

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT LOG

5. Lease Serial No.  
NMNM114974

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM135355		
2. Name of Operator YATES PETROLEUM CORPORATION			8. Lease Name and Well No. BAROQUE BTQ FEDERAL COM 1H		
3. Address 105 SOUTH FOURTH STREET ARTESIA, NM 88210			9. API Well No. 30-015-43148		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 6 T19S R30E Mer At surface NWSE 1980FSL 2440FEL Sec 6 T19S R30E Mer At top prod interval reported below NWSE 1980FSL 2440FEL Sec 5 T19S R30E Mer At total depth NESE 1979FSL 330FEL			10. Field and Pool, or Exploratory SANTO NINO; BONE SPRING		
14. Date Spudded 11/17/2015			15. Date T.D. Reached 12/16/2015		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/19/2016			17. Elevations (DF, KB, RT, GL)* 3408 GL		
18. Total Depth: MD TVD 15391		19. Plug Back T.D.: MD TVD 15388		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RADIAL BOND GAMMA RAY CCL LOG			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

### 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
30.000	20.000		0	200		972		0	
17.500	13.375 J-55	48.0	0	328		250		0	
12.250	9.625 J-55	36.0	0	3322		759		0	
8.500	5.500 P-110	17.0	0	15391		1785		1334	

### 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8276	8276						

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8774	15374	8774 TO 15324		1584	PRODUCING
B)						
C)						
D)						

### 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8774 TO 15374	ACIDIZED WITH 133,500 GALLONS 15 PERCENT HCL ACID, FRAC WITH A TOTAL OF 10,054,295 LBS OF SAND.

### 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/20/2016	03/22/2016	24	→	990.0	721.0	1770.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38/64	SI	580	→	990	721	1770			

### 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned *LED*

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #334470 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

K5  
3/23/16

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
TOP OF SALT	386	1317		TOS	386
BASE OF SALT	1318	1544		BOS	1318
TANSILL	1545	1860		TANSILL	1545
YATES	1861	2056		YATES	1861
SEVEN RIVERS	2057	2501		SEVEN RIVERS	2057
QUEEN	2502	3659		QUEEN	2502
GRAYBURG/SAN ANDRES	3660	4077		GRAYBURG/SAN ANDRES	3660
CHERRY CANYON	4078	4301		CHERRY CANYON	4078

## 32. Additional remarks (include plugging procedure):

## 51. Summary of Porous Zones continued:

Formation	Top	Bottom
Brushy Canyon	4302	4984
Bone Spring	4985	15391

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #334470 Verified by the BLM Well Information System.  
For YATES PETROLEUM CORPORATION, sent to the Carlsbad

Name (please print) LAURA WATTS

Title REG REPORTING TECHNICIAN

Signature (Electronic Submission)

Date 03/23/2016

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.

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**Additional data for transaction #334470 that would not fit on the form**

32. Additional remarks, continued

52. Formation (Log) Markers continued:

Name	Top
Brushy Canyon	4302
Bone Spring	4985