

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 30-015-39241	<sup>5</sup> Pool Name Parkway; Bone Spring	<sup>6</sup> Pool Code 49622
<sup>7</sup> Property Code 38725	<sup>8</sup> Property Name Nucleus BGN Federal Com	<sup>9</sup> Well Number 1H

**II. <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
E	31	19S	30E		1750	North	330	West	Eddy

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	19S	30E		1738	North	278	East	Eddy

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
F	P	8/25/14			

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
286911	Remuda Energy Transportation, LLC 105 South Fourth Street Artesia, NM 88210	O
147831	Agave Energy Company 105 South Fourth Street Artesia, NM 88210	G

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
SEP 09 2014

**IV. Well Completion Data**

RECEIVED

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBTD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
RH 4/2/14 RT 4/8/14	8/21/14	12,837'	12,783'	8,723'-12,679'	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
36"	30"	150'	594 sx redi-mix to surface		
26"	20"	305'	935 sx (circ)		
17-1/2"	13-3/8"	1,430'	770 sx (circ)		
12-1/4"	9-5/8"	3,525'	1080 sx (circ)		
8-1/2"	5-1/2"	12,832'	2180 sx (TOC 3,914' CBL)		
	2-7/8"	7,902'			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
8/22/14	8/25/14	9/2/14	24 hours	410 psi	600 psi
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas		
28/64"	513	1138	415		
			<sup>41</sup> Test Method		
			Pump 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: September 8, 2014  
Phone: 575-748-4272

OIL CONSERVATION DIVISION  
Approved by: *T. C. Shepherd*  
Title: **Geologist**  
Approval Date: *9-19-2014*  
Pending BLM approvals will subsequently be reviewed and scanned *TC*

# NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 09 2014

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM62210

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **YATES PETROLEUM CORPORATION** Contact: **LAURA WATTS**  
 Email: **laura@yatespetroleum.com**

8. Lease Name and Well No.  
**NUCLEUS BGN FEDERAL COM 1H**

3. Address **105 SOUTH FOURTH STREET  
ARTESIA, NM 88210**

3a. Phone No. (include area code)  
Ph: **575-748-4272**

9. API Well No.  
**30-015-39241**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **SWNW 1750FNL 330FWL**  
 At top prod interval reported below **SWNW 1750FNL 330FWL**  
 At total depth **SENE 1738FNL 278FEL**

10. Field and Pool, or Exploratory  
**PARKWAY; BONE SPRING**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 31 T19S R30E Mer**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**04/02/2014**

15. Date T.D. Reached  
**04/30/2014**

16. Date Completed  
 D & A  Ready to Prod.  
**08/21/2014**

17. Elevations (DF, KB, RT, GL)\*  
**3333 GL**

18. Total Depth: **MD 12837**  
**TVD**

19. Plug Back T.D.: **MD 12783**  
**TVD**

20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CBL**

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  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
36.000	30.000		0	150		594		0	
26.000	20.000 J-55	94.0	0	305		935		0	
17.500	13.375 J-55	48.0	0	1430		770		0	
12.250	9.625 J-55	36.0	0	3525		1080		0	
8.500	5.500 P-110	17.0	0	12832		2180			

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	7902							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>BONE SPRING</b>	<b>8723</b>	<b>12771</b>	<b>8723 TO 12679</b>		<b>396</b>	<b>PRODUCING</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>8723 TO 12771</b>	<b>ACIDIZED WITH 51,000 GALS 15 PERCENT HCL ACID, FRAC WITH A TOTAL OF 4,427,678 LBS RCS AND 20/40</b>
<b>8723 TO 12771</b>	<b>WHITE SAND.</b>

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
<b>08/22/2014</b>	<b>09/02/2014</b>	<b>24</b>	<b>→</b>	<b>513.0</b>	<b>415.0</b>	<b>1138.0</b>			<b>ELECTRIC PUMP SUB-SURFACE</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
<b>28/64</b>	<b>410</b>	<b>600.0</b>	<b>→</b>	<b>513</b>	<b>415</b>	<b>1138</b>		<b>POW</b>	

28a. Production - Interval B

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

Pending BLM approvals will  
 subsequently be reviewed  
 and scanned *105*

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

ELECTRONIC SUBMISSION #261727 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
RUSTLER	307	515		RUSTLER	307
TOS	516	1278		TOS	516
BOS	1279	1393		BOS	1279
TANSILL	1394	1575		TANSILL	1394
YATES	1576	1708		YATES	1576
SEVEN RIVERS	1709	1809		SEVEN RIVERS	1709
CAPITAN REEF	1810	3726		CAPITAN REEF	1810
CHERRY CANYON	3727	4519		CHERRY CANYON	3727

32. Additional remarks (include plugging procedure):

51. Summary of Porous Zones  
Brushy Canyon 4520 Top 6103 Bottom  
Bone Springs 6104 Top 12837 Bottom

52. Formation (Log) Markers  
Brushy Canyon 4520  
Bone Springs 6104

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 #261727 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 09/08/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #261727 that would not fit on the form**

**32. Additional remarks, continued**

Surveys attached  
2 sets of logs mailed to BLM-Carlsbad and 1 set to NMOCD-Artesia on 9/8/14