

# NM OIL CONSERVATION

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DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
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ARTESIA DISTRICT

NOV 19

RECEIVED

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

AS DRILLED

|                                   |                                                          |                                              |
|-----------------------------------|----------------------------------------------------------|----------------------------------------------|
| API Number<br><b>30-015-41381</b> | Pool Code<br><b>97863</b>                                | Pool Name<br><b>UNDESIGNATED BONE SPRING</b> |
| Property Code<br><b>38751</b>     | Property Name<br><b>RDX "17" FEDERAL COM</b>             | Well Number<br><b>20</b>                     |
| OGRID No.<br><b>246289</b>        | Operator Name<br><b>RKI EXPLORATION &amp; PRODUCTION</b> | Elevation<br><b>3081</b>                     |

### Surface Location

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>A</b>      | <b>17</b> | <b>26 S</b> | <b>30 E</b> |         | <b>330</b>    | <b>NORTH</b>     | <b>790</b>    | <b>EAST</b>    | <b>EDDY</b> |

### 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      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>P</b>      | <b>17</b> | <b>26 S</b> | <b>30 E</b> |         | <b>600</b>    | <b>SOUTH</b>     | <b>415</b>    | <b>EAST</b>    | <b>EDDY</b> |

| Dedicated Acres | Joint or Infill | Consolidated Code | Order No. |
|-----------------|-----------------|-------------------|-----------|
| <b>160</b>      |                 |                   |           |

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>NW COR SEC 17<br/>NMSP-E (NAD 83)<br/>Y = 382117.4' N<br/>X = 671870.2' E<br/>LAT. = N32° 02' 59.35"<br/>LONG. = W103° 54' 43.26"</p> |  | <p>SHL: RDX FED COM. 17-20H<br/>NMSP-E (NAD 83)<br/>Y = 381822.1' N<br/>X = 676389.3' E<br/>N LAT. = 32° 02' 56.25"<br/>W LONG. = -103° 53' 50.70"<br/>NMSP-E (NAD 27)<br/>Y = 381764.5' N<br/>X = 635203.4' E<br/>N LAT. = 32.0488344°<br/>W LONG. = -103.896563°<br/>POINT OF PENETRATION<br/>MD=8260<br/>NMSP-E (NAD 83)<br/>Y = 381991.3' N<br/>X = 676751.4' E<br/>LAT. = 32° 02' 57.91" N<br/>LONG. = 103° 53' 46.55" W<br/>NMSP-E (NAD 27)<br/>Y = 381933.7' N<br/>X = 635565.4' E<br/>LAT. = 32.0492955° N<br/>LONG. = 103.8957858° W<br/>FIRST TAKE POINT MD=9153'<br/>NMSP-E (NAD 83)<br/>Y = 381216.6' N<br/>X = 676769.1' E<br/>LAT. = 32° 02' 50.25" N<br/>LONG. = 103° 53' 46.38" W<br/>NMSP-E (NAD 27)<br/>Y = 381159.1' N<br/>X = 635583.1' E<br/>LAT. = 32.0471660° N<br/>LONG. = 103.8957386° W<br/>LAST TAKE POINT MD=12830'<br/>NMSP-E (NAD 83)<br/>Y = 377542.4' N<br/>X = 676767.8' E<br/>LAT. = 32° 02' 13.89" N<br/>LONG. = 103° 53' 46.57" W<br/>NMSP-E (NAD 27)<br/>Y = 377484.9' N<br/>X = 635581.7' E<br/>LAT. = 32.0370657° N<br/>LONG. = 103.8957911° W<br/>RDX 17-20 BHL MD= 12935'<br/>NMSP-E (NAD 83)<br/>Y = 377437.5' N<br/>X = 676772.1' E<br/>LAT. = 32° 02' 12.85" N<br/>LONG. = 103° 53' 46.53" W<br/>NMSP-E (NAD 27)<br/>Y = 377380.1' N<br/>X = 635586.1' E<br/>LAT. = 32.0367774° N<br/>LONG. = 103.8957785° W</p> | <p>330.00'<br/>790.00'<br/>RDX FED 17-20<br/>POP -164' FNL,<br/>428' FEL<br/>RDX FED 17-20<br/>FTP -938' FNL,<br/>411' FEL</p>                                                                                                                                | <p><b>OPERATOR CERTIFICATION</b><br/>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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Heather Behm</i> 11.11.14<br/>Signature Date<br/><b>Heather Behm</b><br/>Print Name<br/><b>hbrehm@rkixp.com</b><br/>E-mail Address</p> |
|                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>NE COR SEC 17<br/>NMSP-E (NAD 83)<br/>Y = 382158.2' N<br/>X = 677178.6' E<br/>LAT. = N32° 02' 59.55"<br/>LONG. = W103° 53' 41.58"</p>                                                                                                                      | <p><b>SURVEYORS CERTIFICATION</b><br/>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>NOVEMBER 10, 2014<br/>Date of Survey<br/>Signature and Seal of Professional Surveyor</p>                                                                                                                                                                                                                                                                                                                                         |
| <p>SW COR SEC 17<br/>NMSP-E (NAD 83)<br/>Y = 376803.1' N<br/>X = 671884.0' E<br/>LAT. = N32° 02' 06.76"<br/>LONG. = W103° 54' 43.34"</p> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>SE COR SEC 17<br/>NMSP-E (NAD 83)<br/>Y = 376840.9' N<br/>X = 677188.67' E<br/>LAT. = N32° 02' 06.93"<br/>LONG. = W103° 53' 41.72"</p> <p>RDX FED 17-20<br/>LTP -705' FSL,<br/>420' FEL<br/>RDX FED 17-20 BHL<br/>MD=12935'</p> <p>415.00'<br/>600.00'</p> | <p><b>JAMES E. TOMPKINS</b><br/>14729<br/>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p><i>James</i><br/>Job No. WTC50342<br/>JAMES E. TOMPKINS 14729<br/>Certificate Number</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |