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

**OCT 01 2018**

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

**RECEIVED**

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                                 |                           |                                            |
|-----------------------------------|-------------------------------------------------|---------------------------|--------------------------------------------|
| API Number<br><b>30-005-64322</b> |                                                 | Pool Code<br><b>52770</b> | Pool Name<br><b>Round Tank; San Andres</b> |
| Property Code<br><b>314852</b>    | Property Name<br><b>YELLOWKNIFE FEDERAL</b>     |                           | Well Number<br><b>2H</b>                   |
| GRID No.<br><b>13837</b>          | Operator Name<br><b>MACK ENERGY CORPORATION</b> |                           | Elevation<br><b>3798.3</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>M</b>      | <b>21</b> | <b>15 S</b> | <b>29 E</b> |         | <b>565</b>    | <b>SOUTH</b>     | <b>355</b>    | <b>WEST</b>    | <b>CHAVES</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>M</b>      | <b>28</b> | <b>15 S</b> | <b>29 E</b> |         | <b>10</b>     | <b>SOUTH</b>     | <b>355</b>    | <b>WEST</b>     | <b>CHAVES</b> |

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

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><b>NOTE:</b><br/>LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE (PID (NAD83) BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES, MODIFIED TO THE SURFACE, VERTICAL DATUM NAVD83.</p> <p><b>YELLOWKNIFE FEDERAL 2H</b><br/>ELEV = 3798.3<br/>LAT. = 32.9957290°N (NAD83)<br/>LONG. = 104.0402839°W<br/>NWSP EAST (FT)<br/>N = 726107.19<br/>E = 631000.11</p> <p><b>SURFACE LOCATION</b><br/>355'</p> <p><b>FIRST TAKE POINT</b><br/>100' PSL 355' FWL<br/>LAT. = 32.9939018°N<br/>LONG. = 104.0405395°W<br/>NWSP EAST (FT)<br/>N = 725442.44<br/>E = 631015.57</p> <p><b>BOTTOM OF HOLE</b><br/>LAT. = 32.9797992°N<br/>LONG. = 104.0410747°W<br/>NWSP EAST (FT)<br/>N = 720311.33<br/>E = 630957.72</p> <p><b>LAST TAKE POINT</b><br/>100' PSL 355' FWL<br/>LAT. = 32.9800765°N<br/>LONG. = 104.0410709°W<br/>NWSP EAST (FT)<br/>N = 720401.30<br/>E = 630958.53</p> |  | <p><b>17 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 undivided 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.</p> <p><b>Deana Weaver 9-23-18</b><br/>Signature _____ Date _____<br/>Printed Name _____<br/>E-mail Address <b>dweaver@mec.com</b></p>                     |  |
| <p><b>18 SURVEYOR 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><b>JUNE 21, 2018</b><br/>Date of Survey _____<br/>Signature and Seal of Professional Surveyor _____<br/>Certificate Number <b>PI 18001 JARAMILLO PLS 12797</b><br/>SURVEY NO. <b>6715</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <p><b>19 CORNER SEC. 21</b><br/>LAT. = 33.0086425°N<br/>LONG. = 104.0249569°W<br/>NWSP EAST (FT)<br/>N = 730819.43<br/>E = 635869.46</p> <p><b>20 CORNER SEC. 21</b><br/>LAT. = 33.0012599°N<br/>LONG. = 104.0247523°W<br/>NWSP EAST (FT)<br/>N = 728133.59<br/>E = 635940.04</p> <p><b>21 CORNER SEC. 28</b><br/>LAT. = 32.9939935°N<br/>LONG. = 104.0247493°W<br/>NWSP EAST (FT)<br/>N = 725489.88<br/>E = 635948.77</p> <p><b>22 CORNER SEC. 28</b><br/>LAT. = 32.9867332°N<br/>LONG. = 104.0247624°W<br/>NWSP EAST (FT)<br/>N = 725483.37<br/>E = 635952.44</p> <p><b>23 CORNER SEC. 28</b><br/>LAT. = 32.9794483°N<br/>LONG. = 104.0247868°W<br/>NWSP EAST (FT)<br/>N = 725137.92<br/>E = 635952.76</p> |  |

*RWP 10-1-18*