

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 272858

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                                         |                                            |                               |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 |                                            | 2. OGRID Number<br>372165     |
|                                                                                                                         |                                            | 3. API Number<br>30-025-46403 |
| 4. Property Code<br>326135                                                                                              | 5. Property Name<br>WINNEBAGO 30 STATE COM | 6. Well No.<br>503H           |

**7. Surface Location**

|          |         |          |       |         |           |          |           |          |        |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| N        | 30      | 22S      | 35E   | N       | 300       | S        | 1965      | W        | Lea    |

**8. Proposed Bottom Hole Location**

|          |         |          |       |         |           |          |           |          |        |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| C        | 19      | 22S      | 35E   | C       | 100       | N        | 1650      | W        | Lea    |

**9. Pool Information**

|                              |       |
|------------------------------|-------|
| OJO CHISO;BONE SPRING, SOUTH | 97293 |
|------------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                         |                                    |
|---------------------------|-----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>OIL        | 13. Cable/Rotary                       | 14. Lease Type<br>State | 15. Ground Level Elevation<br>3466 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>20588 | 18. Formation<br>2nd Bone Spring Sand  | 19. Contractor          | 20. Spud Date<br>12/15/2019        |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                         | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5      | 13.375      | 54.5             | 1800          | 1533            | 0             |
| Int1 | 12.25     | 9.625       | 40               | 5600          | 1383            | 0             |
| Prod | 8.5       | 5.5         | 20               | 20588         | 2490            | 9898          |
| Prod | 8.75      | 5.5         | 20               | 10799         | 842             | 0             |

**Casing/Cement Program: Additional Comments**

|                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| Drill 8.75 hole size for the curve and 8.5 hole size for the lateral. for the 5.5 casing string ran for 8.75 & 8.5 holes as one string. |
|-----------------------------------------------------------------------------------------------------------------------------------------|

**22. Proposed Blowout Prevention Program**

| Type | Working Pressure | Test Pressure | Manufacturer |
|------|------------------|---------------|--------------|
| Pipe | 10000            | 5000          | Cameron      |

|                                                                                                                                                                                                                                                                                                                      |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.<br><br>Signature: | <b>OIL CONSERVATION DIVISION</b>                         |
| Printed Name: Electronically filed by Sarah Ferreyros                                                                                                                                                                                                                                                                | Approved By: Paul F Kautz                                |
| Title: Senior Regulatory Analyst                                                                                                                                                                                                                                                                                     | Title: Geologist                                         |
| Email Address: Sarah.Ferreyros@cdevinc.com                                                                                                                                                                                                                                                                           | Approved Date: 10/3/2019      Expiration Date: 10/3/2021 |
| Date: 9/30/2019      Phone: 720-499-1454                                                                                                                                                                                                                                                                             | Conditions of Approval Attached                          |

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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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                                          |                                                                |
|------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-46403</b> | <sup>2</sup> Pool Code<br><b>97293</b>                                   | <sup>3</sup> Pool Name<br><b>Ojo Chiso; Bone Spring, South</b> |
| <sup>4</sup> Property Code<br><b>326135</b>    | <sup>5</sup> Property Name<br><b>WINNEBAGO 30 STATE COM</b>              | <sup>6</sup> Well Number<br><b>503H</b>                        |
| <sup>7</sup> OGRID No.<br><b>372165</b>        | <sup>8</sup> Operator Name<br><b>CENTENNIAL RESOURCE PRODUCTION, LLC</b> | <sup>9</sup> Elevation<br><b>3466.1'</b>                       |

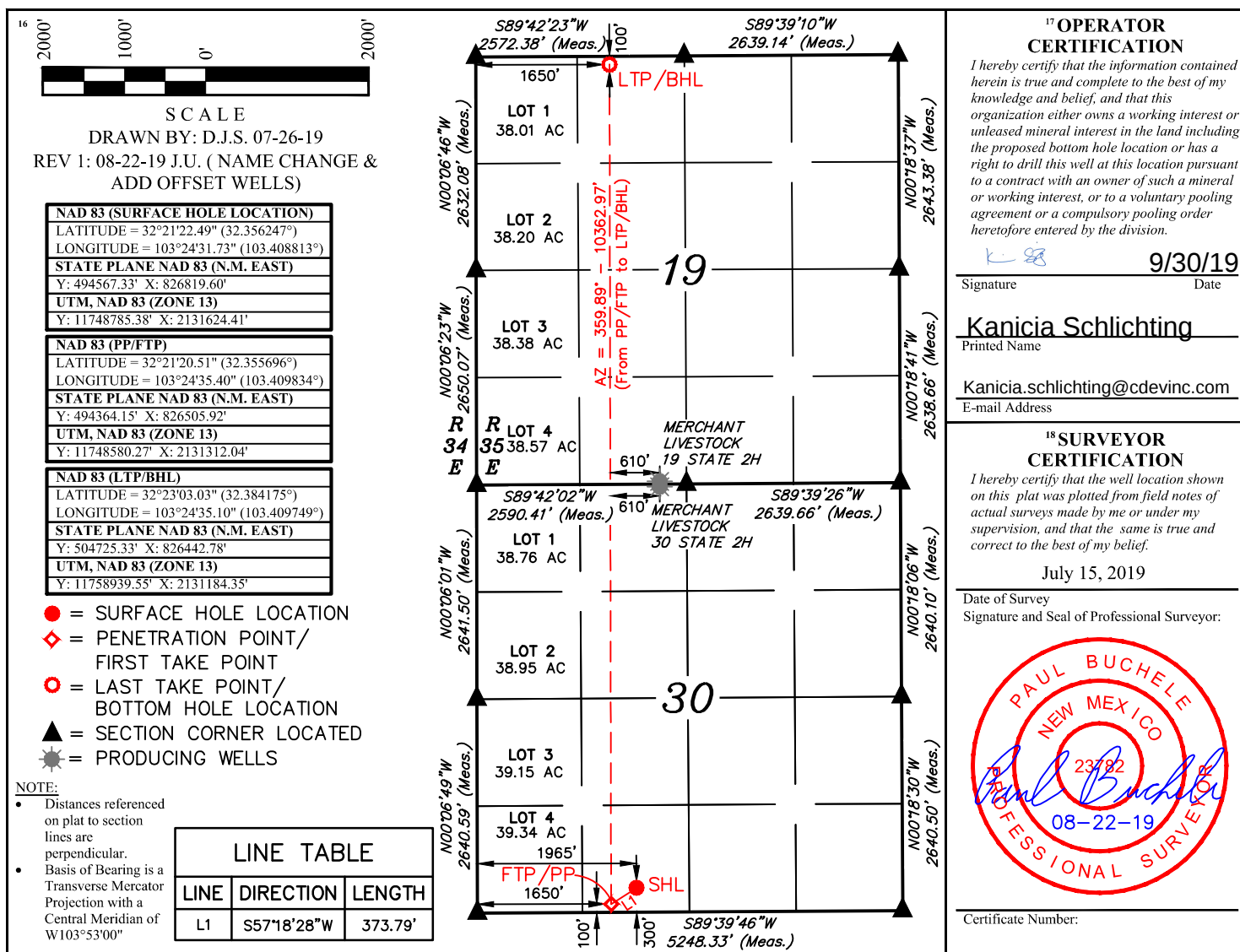
<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 30      | 22S      | 35E   |         | 300           | SOUTH            | 1965          | WEST           | LEA    |

<sup>11</sup> 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                                    | 19                            | 22S                              | 35E                     |         | 100           | NORTH            | 1650          | WEST           | LEA    |
| <sup>12</sup> Dedicated Acres<br>320 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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.



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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**GAS CAPTURE PLAN**

Date: 10/3/2019

☒ Original

Operator & OGRID No.: [372165] CENTENNIAL RESOURCE PRODUCTION, LLC

☐ Amended - Reason for  
Amendment: \_\_\_\_\_

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

*Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).*

**Well(s)/Production Facility – Name of facility**

The well(s) that will be located at the production facility are shown in the table below.

| Well Name                    | API          | Well Location<br>(ULSTR) | Footages    | Expected<br>MCF/D | Flared or<br>Vented | Comments                    |
|------------------------------|--------------|--------------------------|-------------|-------------------|---------------------|-----------------------------|
| WINNEBAGO 30 STATE COM #503H | 30-025-46403 | N-30-22S-35E             | 0300S 1965W | 1935              | None                | High and Low pressure line. |

**Gathering System and Pipeline Notification**

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to LUCID ENERGY DELAWARE, LLC and will be connected to LUCID ENERGY DELAWARE, LLC High Pressure gathering system located in Lea County, New Mexico. It will require 7537' of pipeline to connect the facility to High Pressure gathering system. CENTENNIAL RESOURCE PRODUCTION, LLC provides (periodically) to LUCID ENERGY DELAWARE, LLC a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, CENTENNIAL RESOURCE PRODUCTION, LLC and LUCID ENERGY DELAWARE, LLC have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at LUCID ENERGY DELAWARE, LLC Processing Plant located in Sec. 13, Twn. 24S, Rng. 33E, Lea County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

**Flowback Strategy**

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on LUCID ENERGY DELAWARE, LLC system at that time. Based on current information, it is CENTENNIAL RESOURCE PRODUCTION, LLC's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

**Alternatives to Reduce Flaring**

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
  - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
  - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
  - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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**Santa Fe, NM 87505**

Form APD Comments

Permit 272858

**PERMIT COMMENTS**

|                                                                                                                                |  |                                       |
|--------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|
| Operator Name and Address:<br>CENTENNIAL RESOURCE PRODUCTION, LLC [372165]<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 |  | API Number:<br>30-025-46403           |
|                                                                                                                                |  | Well:<br>WINNEBAGO 30 STATE COM #503H |

| Created By | Comment                                                                                       | Comment Date |
|------------|-----------------------------------------------------------------------------------------------|--------------|
| kcastillo  | Spudder Rig will preset surface casing. C-102 and Additional points required will be emailed. | 9/30/2019    |

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Form APD Conditions

Permit 272858

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                                                |                                       |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Operator Name and Address:<br>CENTENNIAL RESOURCE PRODUCTION, LLC [372165]<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | API Number:<br>30-025-46403           |
|                                                                                                                                | Well:<br>WINNEBAGO 30 STATE COM #503H |

|              |           |
|--------------|-----------|
| OCD Reviewer | Condition |
|--------------|-----------|

Intent ☐ As Drilled ☐

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

Kick Off Point (KOP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

First Take Point (FTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

Last Take Point (LTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

# **NEW MEXICO**

**LEA**

**WINNEBAGO**

**WINNEBAGO 30 STATE COM 503H**

**WINNEBAGO 30 STATE COM 503H**

**Plan: PWP0 - 2 MILE**

## **Survey Report - Geographic**

**03 September, 2019**

**LGC**  
Survey Report - Geographic

|                  |                             |                                     |                                  |
|------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | NEW MEXICO                  | <b>Local Co-ordinate Reference:</b> | Well WINNEBAGO 30 STATE COM 503H |
| <b>Project:</b>  | LEA                         | <b>TVD Reference:</b>               | RKB=3466.1+25 @ 3491.1usft       |
| <b>Site:</b>     | WINNEBAGO                   | <b>MD Reference:</b>                | RKB=3466.1+25 @ 3491.1usft       |
| <b>Well:</b>     | WINNEBAGO 30 STATE COM 503H | <b>North Reference:</b>             | True                             |
| <b>Wellbore:</b> | WINNEBAGO 30 STATE COM 503H | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP0 - 2 MILE               | <b>Database:</b>                    | Centennial EDM SQL Server        |

|                    |                                                |                      |                |
|--------------------|------------------------------------------------|----------------------|----------------|
| <b>Project</b>     | LEA                                            |                      |                |
| <b>Map System:</b> | Universal Transverse Mercator (US Survey Feet) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983                      |                      |                |
| <b>Map Zone:</b>   | Zone 13N (108 W to 102 W)                      |                      |                |

|                       |  |              |  |                   |  |
|-----------------------|--|--------------|--|-------------------|--|
| Site                  |  | WINNEBAGO    |  |                   |  |
| Site Position:        |  | Northing:    |  | 0.00 usft         |  |
| From:                 |  | Easting:     |  | 0.00 usft         |  |
| Position Uncertainty: |  | Slot Radius: |  | Grid Convergence: |  |
| Map                   |  | 0.0 usft     |  | 0° 0' 0.000 N     |  |
|                       |  | 13-3/16 "    |  | 109° 29' 19.478 W |  |
|                       |  |              |  | 0.00 °            |  |

|                      |                             |          |                     |                    |               |                   |
|----------------------|-----------------------------|----------|---------------------|--------------------|---------------|-------------------|
| Well                 | WINNEBAGO 30 STATE COM 503H |          |                     |                    |               |                   |
| Well Position        | +N/-S                       | 0.0 usft | Northing:           | 11,748,785.38 usft | Latitude:     | 32° 21' 22.491 N  |
|                      | +E/-W                       | 0.0 usft | Easting:            | 2,131,624.41 usft  | Longitude:    | 103° 24' 31.725 W |
| Position Uncertainty |                             | 0.0 usft | Wellhead Elevation: | usft               | Ground Level: | 3,466.1 usft      |

|                  |                             |                    |                    |                  |                       |
|------------------|-----------------------------|--------------------|--------------------|------------------|-----------------------|
| <b>Wellbore</b>  | WINNEBAGO 30 STATE COM 503H |                    |                    |                  |                       |
| <b>Magnetics</b> | <b>Model Name</b>           | <b>Sample Date</b> | <b>Declination</b> | <b>Dip Angle</b> | <b>Field Strength</b> |
|                  |                             |                    | (°)                | (°)              | (nT)                  |
|                  | IGRF200510                  | 12/31/2009         | 7.68               | 60.39            | 48,890.47191678       |

|                          |                         |              |                      |                  |  |
|--------------------------|-------------------------|--------------|----------------------|------------------|--|
| <b>Design</b>            | PWP0 - 2 MILE           |              |                      |                  |  |
| <b>Audit Notes:</b>      |                         |              |                      |                  |  |
| <b>Version:</b>          | <b>Phase:</b>           | PLAN         | <b>Tie On Depth:</b> | 0.0              |  |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b> | <b>+E/-W</b>         | <b>Direction</b> |  |
|                          | (usft)                  | (usft)       | (usft)               | (°)              |  |
|                          | 0.0                     | 0.0          | 0.0                  | 0.00             |  |

|                            |             |                                   |                  |                                                  |  |
|----------------------------|-------------|-----------------------------------|------------------|--------------------------------------------------|--|
| <b>Survey Tool Program</b> | <b>Date</b> | 9/3/2019                          |                  |                                                  |  |
| <b>From</b>                | <b>To</b>   | <b>Survey (Wellbore)</b>          | <b>Tool Name</b> | <b>Description</b>                               |  |
| (usft)                     | (usft)      |                                   |                  |                                                  |  |
| 0.0                        | 20,588.0    | PWP0 - 2 MILE (WINNEBAGO 30 STATE | MWD+IFR1+MS      | OWSG_Rev2_ MWD + IFR1 + Multi-Station Correction |  |

|                       |                    |                |                 |              |              |                 |                |                  |                   |  |
|-----------------------|--------------------|----------------|-----------------|--------------|--------------|-----------------|----------------|------------------|-------------------|--|
| <b>Planned Survey</b> |                    |                |                 |              |              |                 |                |                  |                   |  |
| <b>Measured</b>       | <b>Inclination</b> | <b>Azimuth</b> | <b>Vertical</b> | <b>+N/-S</b> | <b>+E/-W</b> | <b>Map</b>      | <b>Map</b>     |                  |                   |  |
| <b>Depth</b>          | (°)                | (°)            | <b>Depth</b>    | (usft)       | (usft)       | <b>Northing</b> | <b>Easting</b> | <b>Latitude</b>  | <b>Longitude</b>  |  |
| (usft)                |                    |                | (usft)          |              |              | (usft)          | (usft)         |                  |                   |  |
| 1.1                   | 0.00               | 0.00           | 1.1             | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 100.0                 | 0.00               | 0.00           | 100.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 200.0                 | 0.00               | 0.00           | 200.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 300.0                 | 0.00               | 0.00           | 300.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 400.0                 | 0.00               | 0.00           | 400.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 500.0                 | 0.00               | 0.00           | 500.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 600.0                 | 0.00               | 0.00           | 600.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 700.0                 | 0.00               | 0.00           | 700.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 800.0                 | 0.00               | 0.00           | 800.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 900.0                 | 0.00               | 0.00           | 900.0           | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,000.0               | 0.00               | 0.00           | 1,000.0         | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,100.0               | 0.00               | 0.00           | 1,100.0         | 0.0          | 0.0          | 11,748,785.38   | 2,131,624.41   | 32° 21' 22.491 N | 103° 24' 31.725 W |  |

**LGC**  
Survey Report - Geographic

|                  |                             |                                     |                                  |
|------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | NEW MEXICO                  | <b>Local Co-ordinate Reference:</b> | Well WINNEBAGO 30 STATE COM 503H |
| <b>Project:</b>  | LEA                         | <b>TVD Reference:</b>               | RKB=3466.1+25 @ 3491.1usft       |
| <b>Site:</b>     | WINNEBAGO                   | <b>MD Reference:</b>                | RKB=3466.1+25 @ 3491.1usft       |
| <b>Well:</b>     | WINNEBAGO 30 STATE COM 503H | <b>North Reference:</b>             | True                             |
| <b>Wellbore:</b> | WINNEBAGO 30 STATE COM 503H | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP0 - 2 MILE               | <b>Database:</b>                    | Centennial EDM SQL Server        |

| Planned Survey        |                 |             |                       |              |              |                     |                    |                  |                   |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------------|-------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,700.0               | 0.00            | 0.00        | 2,700.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,800.0               | 0.00            | 0.00        | 2,800.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 2,900.0               | 0.00            | 0.00        | 2,900.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 3,000.0               | 0.00            | 0.00        | 3,000.0               | 0.0          | 0.0          | 11,748,785.38       | 2,131,624.41       | 32° 21' 22.491 N | 103° 24' 31.725 W |  |
| 3,100.0               | 1.00            | 237.50      | 3,100.0               | -0.5         | -0.7         | 11,748,784.90       | 2,131,623.68       | 32° 21' 22.486 N | 103° 24' 31.734 W |  |
| 3,200.0               | 2.00            | 237.50      | 3,200.0               | -1.9         | -2.9         | 11,748,783.46       | 2,131,621.49       | 32° 21' 22.472 N | 103° 24' 31.760 W |  |
| 3,300.0               | 3.00            | 237.50      | 3,299.9               | -4.2         | -6.6         | 11,748,781.07       | 2,131,617.85       | 32° 21' 22.449 N | 103° 24' 31.802 W |  |
| 3,400.0               | 4.00            | 237.50      | 3,399.7               | -7.5         | -11.8        | 11,748,777.71       | 2,131,612.75       | 32° 21' 22.416 N | 103° 24' 31.862 W |  |
| 3,500.0               | 5.00            | 237.50      | 3,499.4               | -11.7        | -18.4        | 11,748,773.40       | 2,131,606.20       | 32° 21' 22.375 N | 103° 24' 31.940 W |  |
| 3,600.0               | 6.00            | 237.50      | 3,598.9               | -16.9        | -26.5        | 11,748,768.13       | 2,131,598.19       | 32° 21' 22.324 N | 103° 24' 32.034 W |  |
| 3,700.0               | 7.00            | 237.50      | 3,698.3               | -22.9        | -36.0        | 11,748,761.90       | 2,131,588.73       | 32° 21' 22.263 N | 103° 24' 32.145 W |  |
| 3,800.0               | 7.00            | 237.50      | 3,797.5               | -29.5        | -46.3        | 11,748,755.20       | 2,131,578.55       | 32° 21' 22.199 N | 103° 24' 32.265 W |  |
| 3,900.0               | 7.00            | 237.50      | 3,896.8               | -36.0        | -56.6        | 11,748,748.50       | 2,131,568.37       | 32° 21' 22.134 N | 103° 24' 32.385 W |  |
| 4,000.0               | 7.00            | 237.50      | 3,996.0               | -42.6        | -66.9        | 11,748,741.80       | 2,131,558.19       | 32° 21' 22.069 N | 103° 24' 32.505 W |  |
| 4,100.0               | 7.00            | 237.50      | 4,095.3               | -49.1        | -77.1        | 11,748,735.10       | 2,131,548.01       | 32° 21' 22.004 N | 103° 24' 32.624 W |  |
| 4,200.0               | 7.00            | 237.50      | 4,194.5               | -55.7        | -87.4        | 11,748,728.40       | 2,131,537.83       | 32° 21' 21.939 N | 103° 24' 32.744 W |  |
| 4,300.0               | 7.00            | 237.50      | 4,293.8               | -62.2        | -97.7        | 11,748,721.70       | 2,131,527.65       | 32° 21' 21.875 N | 103° 24' 32.864 W |  |
| 4,400.0               | 7.00            | 237.50      | 4,393.0               | -68.8        | -108.0       | 11,748,715.00       | 2,131,517.47       | 32° 21' 21.810 N | 103° 24' 32.984 W |  |
| 4,500.0               | 7.00            | 237.50      | 4,492.3               | -75.3        | -118.2       | 11,748,708.30       | 2,131,507.29       | 32° 21' 21.745 N | 103° 24' 33.104 W |  |
| 4,600.0               | 7.00            | 237.50      | 4,591.6               | -81.9        | -128.5       | 11,748,701.60       | 2,131,497.11       | 32° 21' 21.680 N | 103° 24' 33.224 W |  |
| 4,700.0               | 7.00            | 237.50      | 4,690.8               | -88.4        | -138.8       | 11,748,694.90       | 2,131,486.93       | 32° 21' 21.615 N | 103° 24' 33.343 W |  |
| 4,800.0               | 7.00            | 237.50      | 4,790.1               | -95.0        | -149.1       | 11,748,688.20       | 2,131,476.76       | 32° 21' 21.551 N | 103° 24' 33.463 W |  |
| 4,900.0               | 7.00            | 237.50      | 4,889.3               | -101.5       | -159.4       | 11,748,681.50       | 2,131,466.58       | 32° 21' 21.486 N | 103° 24' 33.583 W |  |
| 5,000.0               | 7.00            | 237.50      | 4,988.6               | -108.1       | -169.6       | 11,748,674.80       | 2,131,456.40       | 32° 21' 21.421 N | 103° 24' 33.703 W |  |
| 5,100.0               | 7.00            | 237.50      | 5,087.8               | -114.6       | -179.9       | 11,748,668.10       | 2,131,446.22       | 32° 21' 21.356 N | 103° 24' 33.823 W |  |
| 5,200.0               | 7.00            | 237.50      | 5,187.1               | -121.2       | -190.2       | 11,748,661.40       | 2,131,436.04       | 32° 21' 21.291 N | 103° 24' 33.943 W |  |
| 5,300.0               | 7.00            | 237.50      | 5,286.3               | -127.7       | -200.5       | 11,748,654.70       | 2,131,425.86       | 32° 21' 21.227 N | 103° 24' 34.063 W |  |
| 5,400.0               | 7.00            | 237.50      | 5,385.6               | -134.3       | -210.8       | 11,748,648.00       | 2,131,415.68       | 32° 21' 21.162 N | 103° 24' 34.182 W |  |
| 5,500.0               | 7.00            | 237.50      | 5,484.8               | -140.8       | -221.0       | 11,748,641.30       | 2,131,405.50       | 32° 21' 21.097 N | 103° 24' 34.302 W |  |
| 5,600.0               | 7.00            | 237.50      | 5,584.1               | -147.4       | -231.3       | 11,748,634.60       | 2,131,395.32       | 32° 21' 21.032 N | 103° 24' 34.422 W |  |
| 5,700.0               | 7.00            | 237.50      | 5,683.4               | -153.9       | -241.6       | 11,748,627.90       | 2,131,385.14       | 32° 21' 20.967 N | 103° 24' 34.542 W |  |
| 5,800.0               | 7.00            | 237.50      | 5,782.6               | -160.5       | -251.9       | 11,748,621.20       | 2,131,374.96       | 32° 21' 20.903 N | 103° 24' 34.662 W |  |
| 5,900.0               | 7.00            | 237.50      | 5,881.9               | -167.0       | -262.1       | 11,748,614.50       | 2,131,364.78       | 32° 21' 20.838 N | 103° 24' 34.782 W |  |
| 6,000.0               | 7.00            | 237.50      | 5,981.1               | -173.6       | -272.4       | 11,748,607.80       | 2,131,354.60       | 32° 21' 20.773 N | 103° 24' 34.901 W |  |
| 6,100.0               | 7.00            | 237.50      | 6,080.4               | -180.1       | -282.7       | 11,748,601.10       | 2,131,344.42       | 32° 21' 20.708 N | 103° 24' 35.021 W |  |
| 6,200.0               | 6.00            | 237.50      | 6,179.7               | -186.2       | -292.2       | 11,748,594.88       | 2,131,334.96       | 32° 21' 20.648 N | 103° 24' 35.132 W |  |
| 6,300.0               | 5.00            | 237.50      | 6,279.3               | -191.3       | -300.3       | 11,748,589.61       | 2,131,326.95       | 32° 21' 20.597 N | 103° 24' 35.227 W |  |
| 6,400.0               | 4.00            | 237.50      | 6,379.0               | -195.5       | -306.9       | 11,748,585.29       | 2,131,320.40       | 32° 21' 20.555 N | 103° 24' 35.304 W |  |
| 6,500.0               | 3.00            | 237.50      | 6,478.8               | -198.8       | -312.1       | 11,748,581.94       | 2,131,315.30       | 32° 21' 20.523 N | 103° 24' 35.364 W |  |
| 6,600.0               | 2.00            | 237.50      | 6,578.7               | -201.2       | -315.8       | 11,748,579.54       | 2,131,311.66       | 32° 21' 20.500 N | 103° 24' 35.407 W |  |

**LGC**  
Survey Report - Geographic

|                  |                             |                                     |                                  |
|------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | NEW MEXICO                  | <b>Local Co-ordinate Reference:</b> | Well WINNEBAGO 30 STATE COM 503H |
| <b>Project:</b>  | LEA                         | <b>TVD Reference:</b>               | RKB=3466.1+25 @ 3491.1usft       |
| <b>Site:</b>     | WINNEBAGO                   | <b>MD Reference:</b>                | RKB=3466.1+25 @ 3491.1usft       |
| <b>Well:</b>     | WINNEBAGO 30 STATE COM 503H | <b>North Reference:</b>             | True                             |
| <b>Wellbore:</b> | WINNEBAGO 30 STATE COM 503H | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP0 - 2 MILE               | <b>Database:</b>                    | Centennial EDM SQL Server        |

| Planned Survey        |                 |             |                       |              |              |                     |                    |                  |                   |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
| 6,700.0               | 1.00            | 237.50      | 6,678.6               | -202.6       | -318.0       | 11,748,578.10       | 2,131,309.47       | 32° 21' 20.486 N | 103° 24' 35.433 W |
| 6,800.0               | 0.00            | 0.00        | 6,778.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 6,900.0               | 0.00            | 0.00        | 6,878.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,000.0               | 0.00            | 0.00        | 6,978.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,100.0               | 0.00            | 0.00        | 7,078.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,200.0               | 0.00            | 0.00        | 7,178.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,300.0               | 0.00            | 0.00        | 7,278.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,400.0               | 0.00            | 0.00        | 7,378.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,500.0               | 0.00            | 0.00        | 7,478.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,600.0               | 0.00            | 0.00        | 7,578.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,700.0               | 0.00            | 0.00        | 7,678.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,800.0               | 0.00            | 0.00        | 7,778.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 7,900.0               | 0.00            | 0.00        | 7,878.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,000.0               | 0.00            | 0.00        | 7,978.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,100.0               | 0.00            | 0.00        | 8,078.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,200.0               | 0.00            | 0.00        | 8,178.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,300.0               | 0.00            | 0.00        | 8,278.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,400.0               | 0.00            | 0.00        | 8,378.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,500.0               | 0.00            | 0.00        | 8,478.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,600.0               | 0.00            | 0.00        | 8,578.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,700.0               | 0.00            | 0.00        | 8,678.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,800.0               | 0.00            | 0.00        | 8,778.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 8,900.0               | 0.00            | 0.00        | 8,878.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,000.0               | 0.00            | 0.00        | 8,978.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,100.0               | 0.00            | 0.00        | 9,078.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,200.0               | 0.00            | 0.00        | 9,178.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,300.0               | 0.00            | 0.00        | 9,278.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,400.0               | 0.00            | 0.00        | 9,378.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,500.0               | 0.00            | 0.00        | 9,478.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,600.0               | 0.00            | 0.00        | 9,578.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,700.0               | 0.00            | 0.00        | 9,678.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,800.0               | 0.00            | 0.00        | 9,778.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,898.2               | 0.00            | 0.00        | 9,876.8               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 9,900.0               | 0.18            | 0.17        | 9,878.6               | -203.0       | -318.7       | 11,748,577.62       | 2,131,308.74       | 32° 21' 20.481 N | 103° 24' 35.441 W |
| 10,000.0              | 10.18           | 0.17        | 9,978.1               | -194.0       | -318.7       | 11,748,586.64       | 2,131,308.64       | 32° 21' 20.570 N | 103° 24' 35.441 W |
| 10,100.0              | 20.17           | 0.17        | 10,074.5              | -167.9       | -318.6       | 11,748,612.78       | 2,131,308.32       | 32° 21' 20.829 N | 103° 24' 35.440 W |
| 10,200.0              | 30.17           | 0.17        | 10,164.9              | -125.4       | -318.5       | 11,748,655.25       | 2,131,307.82       | 32° 21' 21.249 N | 103° 24' 35.438 W |
| 10,300.0              | 40.17           | 0.17        | 10,246.5              | -67.9        | -318.3       | 11,748,712.77       | 2,131,307.13       | 32° 21' 21.819 N | 103° 24' 35.436 W |
| 10,400.0              | 50.16           | 0.17        | 10,316.9              | 2.9          | -318.1       | 11,748,783.59       | 2,131,306.29       | 32° 21' 22.520 N | 103° 24' 35.434 W |
| 10,500.0              | 60.16           | 0.17        | 10,374.0              | 84.9         | -317.9       | 11,748,865.55       | 2,131,305.32       | 32° 21' 23.331 N | 103° 24' 35.431 W |
| 10,600.0              | 70.15           | 0.17        | 10,416.0              | 175.5        | -317.6       | 11,748,956.18       | 2,131,304.24       | 32° 21' 24.228 N | 103° 24' 35.428 W |
| 10,700.0              | 80.15           | 0.17        | 10,441.6              | 272.1        | -317.3       | 11,749,052.71       | 2,131,303.09       | 32° 21' 25.183 N | 103° 24' 35.425 W |
| 10,798.5              | 90.00           | 0.17        | 10,450.0              | 370.1        | -317.0       | 11,749,150.75       | 2,131,301.92       | 32° 21' 26.153 N | 103° 24' 35.421 W |
| 10,800.0              | 90.00           | 0.17        | 10,450.0              | 371.6        | -317.0       | 11,749,152.22       | 2,131,301.90       | 32° 21' 26.168 N | 103° 24' 35.421 W |
| 10,900.0              | 90.00           | 0.17        | 10,450.0              | 471.6        | -316.7       | 11,749,252.21       | 2,131,300.71       | 32° 21' 27.157 N | 103° 24' 35.418 W |
| 11,000.0              | 90.00           | 0.17        | 10,450.0              | 571.6        | -316.4       | 11,749,352.20       | 2,131,299.53       | 32° 21' 28.147 N | 103° 24' 35.414 W |
| 11,100.0              | 90.00           | 0.17        | 10,450.0              | 671.6        | -316.1       | 11,749,452.20       | 2,131,298.34       | 32° 21' 29.137 N | 103° 24' 35.411 W |
| 11,200.0              | 90.00           | 0.17        | 10,450.0              | 771.6        | -315.8       | 11,749,552.19       | 2,131,297.15       | 32° 21' 30.126 N | 103° 24' 35.408 W |
| 11,300.0              | 90.00           | 0.17        | 10,450.0              | 871.6        | -315.5       | 11,749,652.18       | 2,131,295.96       | 32° 21' 31.116 N | 103° 24' 35.404 W |
| 11,400.0              | 90.00           | 0.17        | 10,450.0              | 971.6        | -315.2       | 11,749,752.17       | 2,131,294.77       | 32° 21' 32.106 N | 103° 24' 35.401 W |
| 11,500.0              | 90.00           | 0.17        | 10,450.0              | 1,071.6      | -314.9       | 11,749,852.17       | 2,131,293.58       | 32° 21' 33.095 N | 103° 24' 35.397 W |
| 11,600.0              | 90.00           | 0.17        | 10,450.0              | 1,171.6      | -314.6       | 11,749,952.16       | 2,131,292.39       | 32° 21' 34.085 N | 103° 24' 35.394 W |
| 11,700.0              | 90.00           | 0.17        | 10,450.0              | 1,271.6      | -314.3       | 11,750,052.15       | 2,131,291.20       | 32° 21' 35.074 N | 103° 24' 35.390 W |
| 11,800.0              | 90.00           | 0.17        | 10,450.0              | 1,371.6      | -314.0       | 11,750,152.15       | 2,131,290.01       | 32° 21' 36.064 N | 103° 24' 35.387 W |
| 11,900.0              | 90.00           | 0.17        | 10,450.0              | 1,471.6      | -313.7       | 11,750,252.14       | 2,131,288.82       | 32° 21' 37.054 N | 103° 24' 35.383 W |

**LGC**  
Survey Report - Geographic

|                  |                             |                                     |                                  |
|------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | NEW MEXICO                  | <b>Local Co-ordinate Reference:</b> | Well WINNEBAGO 30 STATE COM 503H |
| <b>Project:</b>  | LEA                         | <b>TVD Reference:</b>               | RKB=3466.1+25 @ 3491.1usft       |
| <b>Site:</b>     | WINNEBAGO                   | <b>MD Reference:</b>                | RKB=3466.1+25 @ 3491.1usft       |
| <b>Well:</b>     | WINNEBAGO 30 STATE COM 503H | <b>North Reference:</b>             | True                             |
| <b>Wellbore:</b> | WINNEBAGO 30 STATE COM 503H | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP0 - 2 MILE               | <b>Database:</b>                    | Centennial EDM SQL Server        |

**Planned Survey**

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------------|-------------------|
| 12,000.0              | 90.00           | 0.17        | 10,450.0              | 1,571.6      | -313.5       | 11,750,352.13       | 2,131,287.63       | 32° 21' 38.043 N | 103° 24' 35.380 W |
| 12,100.0              | 90.00           | 0.17        | 10,450.0              | 1,671.6      | -313.2       | 11,750,452.13       | 2,131,286.44       | 32° 21' 39.033 N | 103° 24' 35.376 W |
| 12,200.0              | 90.00           | 0.17        | 10,450.0              | 1,771.6      | -312.9       | 11,750,552.12       | 2,131,285.25       | 32° 21' 40.022 N | 103° 24' 35.373 W |
| 12,300.0              | 90.00           | 0.17        | 10,450.0              | 1,871.6      | -312.6       | 11,750,652.11       | 2,131,284.06       | 32° 21' 41.012 N | 103° 24' 35.370 W |
| 12,400.0              | 90.00           | 0.17        | 10,450.0              | 1,971.6      | -312.3       | 11,750,752.10       | 2,131,282.87       | 32° 21' 42.002 N | 103° 24' 35.366 W |
| 12,500.0              | 90.00           | 0.17        | 10,450.0              | 2,071.6      | -312.0       | 11,750,852.10       | 2,131,281.68       | 32° 21' 42.991 N | 103° 24' 35.363 W |
| 12,600.0              | 90.00           | 0.17        | 10,450.0              | 2,171.6      | -311.7       | 11,750,952.09       | 2,131,280.49       | 32° 21' 43.981 N | 103° 24' 35.359 W |
| 12,700.0              | 90.00           | 0.17        | 10,450.0              | 2,271.6      | -311.4       | 11,751,052.08       | 2,131,279.30       | 32° 21' 44.971 N | 103° 24' 35.356 W |
| 12,800.0              | 90.00           | 0.17        | 10,450.0              | 2,371.6      | -311.1       | 11,751,152.08       | 2,131,278.11       | 32° 21' 45.960 N | 103° 24' 35.352 W |
| 12,900.0              | 90.00           | 0.17        | 10,450.0              | 2,471.6      | -310.8       | 11,751,252.07       | 2,131,276.92       | 32° 21' 46.950 N | 103° 24' 35.349 W |
| 13,000.0              | 90.00           | 0.17        | 10,450.0              | 2,571.6      | -310.5       | 11,751,352.06       | 2,131,275.73       | 32° 21' 47.939 N | 103° 24' 35.345 W |
| 13,100.0              | 90.00           | 0.17        | 10,450.0              | 2,671.6      | -310.2       | 11,751,452.05       | 2,131,274.54       | 32° 21' 48.929 N | 103° 24' 35.342 W |
| 13,200.0              | 90.00           | 0.17        | 10,450.0              | 2,771.6      | -309.9       | 11,751,552.05       | 2,131,273.35       | 32° 21' 49.919 N | 103° 24' 35.339 W |
| 13,300.0              | 90.00           | 0.17        | 10,450.0              | 2,871.6      | -309.6       | 11,751,652.04       | 2,131,272.16       | 32° 21' 50.908 N | 103° 24' 35.335 W |
| 13,400.0              | 90.00           | 0.17        | 10,450.0              | 2,971.6      | -309.3       | 11,751,752.03       | 2,131,270.97       | 32° 21' 51.898 N | 103° 24' 35.332 W |
| 13,500.0              | 90.00           | 0.17        | 10,450.0              | 3,071.6      | -309.0       | 11,751,852.03       | 2,131,269.78       | 32° 21' 52.887 N | 103° 24' 35.328 W |
| 13,600.0              | 90.00           | 0.17        | 10,450.0              | 3,171.6      | -308.7       | 11,751,952.02       | 2,131,268.59       | 32° 21' 53.877 N | 103° 24' 35.325 W |
| 13,700.0              | 90.00           | 0.17        | 10,450.0              | 3,271.6      | -308.4       | 11,752,052.01       | 2,131,267.40       | 32° 21' 54.867 N | 103° 24' 35.321 W |
| 13,800.0              | 90.00           | 0.17        | 10,450.0              | 3,371.6      | -308.1       | 11,752,152.00       | 2,131,266.21       | 32° 21' 55.856 N | 103° 24' 35.318 W |
| 13,900.0              | 90.00           | 0.17        | 10,450.0              | 3,471.6      | -307.8       | 11,752,252.00       | 2,131,265.02       | 32° 21' 56.846 N | 103° 24' 35.314 W |
| 14,000.0              | 90.00           | 0.17        | 10,450.0              | 3,571.6      | -307.5       | 11,752,351.99       | 2,131,263.83       | 32° 21' 57.835 N | 103° 24' 35.311 W |
| 14,100.0              | 90.00           | 0.17        | 10,450.0              | 3,671.6      | -307.2       | 11,752,451.98       | 2,131,262.64       | 32° 21' 58.825 N | 103° 24' 35.307 W |
| 14,200.0              | 90.00           | 0.17        | 10,450.0              | 3,771.6      | -306.9       | 11,752,551.98       | 2,131,261.45       | 32° 21' 59.815 N | 103° 24' 35.304 W |
| 14,300.0              | 90.00           | 0.17        | 10,450.0              | 3,871.6      | -306.6       | 11,752,651.97       | 2,131,260.26       | 32° 22' 0.804 N  | 103° 24' 35.301 W |
| 14,400.0              | 90.00           | 0.17        | 10,450.0              | 3,971.6      | -306.3       | 11,752,751.96       | 2,131,259.07       | 32° 22' 1.794 N  | 103° 24' 35.297 W |
| 14,500.0              | 90.00           | 0.17        | 10,450.0              | 4,071.6      | -306.0       | 11,752,851.96       | 2,131,257.88       | 32° 22' 2.784 N  | 103° 24' 35.294 W |
| 14,600.0              | 90.00           | 0.17        | 10,450.0              | 4,171.6      | -305.7       | 11,752,951.95       | 2,131,256.69       | 32° 22' 3.773 N  | 103° 24' 35.290 W |
| 14,700.0              | 90.00           | 0.17        | 10,450.0              | 4,271.6      | -305.4       | 11,753,051.94       | 2,131,255.50       | 32° 22' 4.763 N  | 103° 24' 35.287 W |
| 14,800.0              | 90.00           | 0.17        | 10,450.0              | 4,371.6      | -305.1       | 11,753,151.93       | 2,131,254.31       | 32° 22' 5.752 N  | 103° 24' 35.283 W |
| 14,900.0              | 90.00           | 0.17        | 10,450.0              | 4,471.6      | -304.8       | 11,753,251.93       | 2,131,253.12       | 32° 22' 6.742 N  | 103° 24' 35.280 W |
| 15,000.0              | 90.00           | 0.17        | 10,450.0              | 4,571.6      | -304.6       | 11,753,351.92       | 2,131,251.93       | 32° 22' 7.732 N  | 103° 24' 35.276 W |
| 15,100.0              | 90.00           | 0.17        | 10,450.0              | 4,671.6      | -304.3       | 11,753,451.91       | 2,131,250.74       | 32° 22' 8.721 N  | 103° 24' 35.273 W |
| 15,200.0              | 90.00           | 0.17        | 10,450.0              | 4,771.6      | -304.0       | 11,753,551.91       | 2,131,249.55       | 32° 22' 9.711 N  | 103° 24' 35.269 W |
| 15,300.0              | 90.00           | 0.17        | 10,450.0              | 4,871.6      | -303.7       | 11,753,651.90       | 2,131,248.36       | 32° 22' 10.700 N | 103° 24' 35.266 W |
| 15,400.0              | 90.00           | 0.17        | 10,450.0              | 4,971.6      | -303.4       | 11,753,751.89       | 2,131,247.17       | 32° 22' 11.690 N | 103° 24' 35.263 W |
| 15,500.0              | 90.00           | 0.17        | 10,450.0              | 5,071.6      | -303.1       | 11,753,851.88       | 2,131,245.98       | 32° 22' 12.680 N | 103° 24' 35.259 W |
| 15,600.0              | 90.00           | 0.17        | 10,450.0              | 5,171.6      | -302.8       | 11,753,951.88       | 2,131,244.79       | 32° 22' 13.669 N | 103° 24' 35.256 W |
| 15,700.0              | 90.00           | 0.17        | 10,450.0              | 5,271.6      | -302.5       | 11,754,051.87       | 2,131,243.60       | 32° 22' 14.659 N | 103° 24' 35.252 W |
| 15,800.0              | 90.00           | 0.17        | 10,450.0              | 5,371.6      | -302.2       | 11,754,151.86       | 2,131,242.41       | 32° 22' 15.648 N | 103° 24' 35.249 W |
| 15,900.0              | 90.00           | 0.17        | 10,450.0              | 5,471.6      | -301.9       | 11,754,251.86       | 2,131,241.22       | 32° 22' 16.638 N | 103° 24' 35.245 W |
| 16,000.0              | 90.00           | 0.17        | 10,450.0              | 5,571.6      | -301.6       | 11,754,351.85       | 2,131,240.03       | 32° 22' 17.628 N | 103° 24' 35.242 W |
| 16,100.0              | 90.00           | 0.17        | 10,450.0              | 5,671.6      | -301.3       | 11,754,451.84       | 2,131,238.84       | 32° 22' 18.617 N | 103° 24' 35.238 W |
| 16,200.0              | 90.00           | 0.17        | 10,450.0              | 5,771.6      | -301.0       | 11,754,551.83       | 2,131,237.65       | 32° 22' 19.607 N | 103° 24' 35.235 W |
| 16,300.0              | 90.00           | 0.17        | 10,450.0              | 5,871.6      | -300.7       | 11,754,651.83       | 2,131,236.46       | 32° 22' 20.597 N | 103° 24' 35.231 W |
| 16,400.0              | 90.00           | 0.17        | 10,450.0              | 5,971.6      | -300.4       | 11,754,751.82       | 2,131,235.27       | 32° 22' 21.586 N | 103° 24' 35.228 W |
| 16,500.0              | 90.00           | 0.17        | 10,450.0              | 6,071.6      | -300.1       | 11,754,851.81       | 2,131,234.08       | 32° 22' 22.576 N | 103° 24' 35.225 W |
| 16,600.0              | 90.00           | 0.17        | 10,450.0              | 6,171.6      | -299.8       | 11,754,951.81       | 2,131,232.89       | 32° 22' 23.565 N | 103° 24' 35.221 W |
| 16,700.0              | 90.00           | 0.17        | 10,450.0              | 6,271.6      | -299.5       | 11,755,051.80       | 2,131,231.70       | 32° 22' 24.555 N | 103° 24' 35.218 W |
| 16,800.0              | 90.00           | 0.17        | 10,450.0              | 6,371.6      | -299.2       | 11,755,151.79       | 2,131,230.51       | 32° 22' 25.545 N | 103° 24' 35.214 W |
| 16,900.0              | 90.00           | 0.17        | 10,450.0              | 6,471.6      | -298.9       | 11,755,251.79       | 2,131,229.32       | 32° 22' 26.534 N | 103° 24' 35.211 W |
| 17,000.0              | 90.00           | 0.17        | 10,450.0              | 6,571.6      | -298.6       | 11,755,351.78       | 2,131,228.13       | 32° 22' 27.524 N | 103° 24' 35.207 W |
| 17,100.0              | 90.00           | 0.17        | 10,450.0              | 6,671.6      | -298.3       | 11,755,451.77       | 2,131,226.94       | 32° 22' 28.513 N | 103° 24' 35.204 W |
| 17,200.0              | 90.00           | 0.17        | 10,450.0              | 6,771.6      | -298.0       | 11,755,551.76       | 2,131,225.75       | 32° 22' 29.503 N | 103° 24' 35.200 W |
| 17,300.0              | 90.00           | 0.17        | 10,450.0              | 6,871.6      | -297.7       | 11,755,651.76       | 2,131,224.56       | 32° 22' 30.493 N | 103° 24' 35.197 W |
| 17,400.0              | 90.00           | 0.17        | 10,450.0              | 6,971.6      | -297.4       | 11,755,751.75       | 2,131,223.37       | 32° 22' 31.482 N | 103° 24' 35.193 W |

**LGC**  
Survey Report - Geographic

|                  |                             |                                     |                                  |
|------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | NEW MEXICO                  | <b>Local Co-ordinate Reference:</b> | Well WINNEBAGO 30 STATE COM 503H |
| <b>Project:</b>  | LEA                         | <b>TVD Reference:</b>               | RKB=3466.1+25 @ 3491.1usft       |
| <b>Site:</b>     | WINNEBAGO                   | <b>MD Reference:</b>                | RKB=3466.1+25 @ 3491.1usft       |
| <b>Well:</b>     | WINNEBAGO 30 STATE COM 503H | <b>North Reference:</b>             | True                             |
| <b>Wellbore:</b> | WINNEBAGO 30 STATE COM 503H | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP0 - 2 MILE               | <b>Database:</b>                    | Centennial EDM SQL Server        |

| Planned Survey        |                 |             |                       |              |              |                     |                    |                  |                   |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude         | Longitude         |
| 17,500.0              | 90.00           | 0.17        | 10,450.0              | 7,071.6      | -297.1       | 11,755,851.74       | 2,131,222.18       | 32° 22' 32.472 N | 103° 24' 35.190 W |
| 17,600.0              | 90.00           | 0.17        | 10,450.0              | 7,171.6      | -296.8       | 11,755,951.74       | 2,131,220.99       | 32° 22' 33.462 N | 103° 24' 35.187 W |
| 17,700.0              | 90.00           | 0.17        | 10,450.0              | 7,271.6      | -296.5       | 11,756,051.73       | 2,131,219.80       | 32° 22' 34.451 N | 103° 24' 35.183 W |
| 17,800.0              | 90.00           | 0.17        | 10,450.0              | 7,371.6      | -296.2       | 11,756,151.72       | 2,131,218.61       | 32° 22' 35.441 N | 103° 24' 35.180 W |
| 17,900.0              | 90.00           | 0.17        | 10,450.0              | 7,471.6      | -295.9       | 11,756,251.71       | 2,131,217.42       | 32° 22' 36.430 N | 103° 24' 35.176 W |
| 18,000.0              | 90.00           | 0.17        | 10,450.0              | 7,571.6      | -295.7       | 11,756,351.71       | 2,131,216.23       | 32° 22' 37.420 N | 103° 24' 35.173 W |
| 18,100.0              | 90.00           | 0.17        | 10,450.0              | 7,671.6      | -295.4       | 11,756,451.70       | 2,131,215.04       | 32° 22' 38.410 N | 103° 24' 35.169 W |
| 18,200.0              | 90.00           | 0.17        | 10,450.0              | 7,771.6      | -295.1       | 11,756,551.69       | 2,131,213.85       | 32° 22' 39.399 N | 103° 24' 35.166 W |
| 18,300.0              | 90.00           | 0.17        | 10,450.0              | 7,871.6      | -294.8       | 11,756,651.69       | 2,131,212.66       | 32° 22' 40.389 N | 103° 24' 35.162 W |
| 18,400.0              | 90.00           | 0.17        | 10,450.0              | 7,971.6      | -294.5       | 11,756,751.68       | 2,131,211.47       | 32° 22' 41.378 N | 103° 24' 35.159 W |
| 18,500.0              | 90.00           | 0.17        | 10,450.0              | 8,071.6      | -294.2       | 11,756,851.67       | 2,131,210.28       | 32° 22' 42.368 N | 103° 24' 35.155 W |
| 18,600.0              | 90.00           | 0.17        | 10,450.0              | 8,171.6      | -293.9       | 11,756,951.66       | 2,131,209.09       | 32° 22' 43.358 N | 103° 24' 35.152 W |
| 18,700.0              | 90.00           | 0.17        | 10,450.0              | 8,271.6      | -293.6       | 11,757,051.66       | 2,131,207.90       | 32° 22' 44.347 N | 103° 24' 35.149 W |
| 18,800.0              | 90.00           | 0.17        | 10,450.0              | 8,371.6      | -293.3       | 11,757,151.65       | 2,131,206.71       | 32° 22' 45.337 N | 103° 24' 35.145 W |
| 18,900.0              | 90.00           | 0.17        | 10,450.0              | 8,471.6      | -293.0       | 11,757,251.64       | 2,131,205.52       | 32° 22' 46.326 N | 103° 24' 35.142 W |
| 19,000.0              | 90.00           | 0.17        | 10,450.0              | 8,571.6      | -292.7       | 11,757,351.64       | 2,131,204.33       | 32° 22' 47.316 N | 103° 24' 35.138 W |
| 19,100.0              | 90.00           | 0.17        | 10,450.0              | 8,671.6      | -292.4       | 11,757,451.63       | 2,131,203.14       | 32° 22' 48.306 N | 103° 24' 35.135 W |
| 19,200.0              | 90.00           | 0.17        | 10,450.0              | 8,771.6      | -292.1       | 11,757,551.62       | 2,131,201.95       | 32° 22' 49.295 N | 103° 24' 35.131 W |
| 19,300.0              | 90.00           | 0.17        | 10,450.0              | 8,871.6      | -291.8       | 11,757,651.62       | 2,131,200.76       | 32° 22' 50.285 N | 103° 24' 35.128 W |
| 19,400.0              | 90.00           | 0.17        | 10,450.0              | 8,971.6      | -291.5       | 11,757,751.61       | 2,131,199.57       | 32° 22' 51.274 N | 103° 24' 35.124 W |
| 19,500.0              | 90.00           | 0.17        | 10,450.0              | 9,071.5      | -291.2       | 11,757,851.60       | 2,131,198.38       | 32° 22' 52.264 N | 103° 24' 35.121 W |
| 19,600.0              | 90.00           | 0.17        | 10,450.0              | 9,171.5      | -290.9       | 11,757,951.59       | 2,131,197.19       | 32° 22' 53.254 N | 103° 24' 35.117 W |
| 19,700.0              | 90.00           | 0.17        | 10,450.0              | 9,271.5      | -290.6       | 11,758,051.59       | 2,131,196.00       | 32° 22' 54.243 N | 103° 24' 35.114 W |
| 19,800.0              | 90.00           | 0.17        | 10,450.0              | 9,371.5      | -290.3       | 11,758,151.58       | 2,131,194.81       | 32° 22' 55.233 N | 103° 24' 35.110 W |
| 19,900.0              | 90.00           | 0.17        | 10,450.0              | 9,471.5      | -290.0       | 11,758,251.57       | 2,131,193.62       | 32° 22' 56.223 N | 103° 24' 35.107 W |
| 20,000.0              | 90.00           | 0.17        | 10,450.0              | 9,571.5      | -289.7       | 11,758,351.57       | 2,131,192.43       | 32° 22' 57.212 N | 103° 24' 35.104 W |
| 20,100.0              | 90.00           | 0.17        | 10,450.0              | 9,671.5      | -289.4       | 11,758,451.56       | 2,131,191.24       | 32° 22' 58.202 N | 103° 24' 35.100 W |
| 20,200.0              | 90.00           | 0.17        | 10,450.0              | 9,771.5      | -289.1       | 11,758,551.55       | 2,131,190.05       | 32° 22' 59.191 N | 103° 24' 35.097 W |
| 20,300.0              | 90.00           | 0.17        | 10,450.0              | 9,871.5      | -288.8       | 11,758,651.54       | 2,131,188.86       | 32° 23' 0.181 N  | 103° 24' 35.093 W |
| 20,400.0              | 90.00           | 0.17        | 10,450.0              | 9,971.5      | -288.5       | 11,758,751.54       | 2,131,187.67       | 32° 23' 1.171 N  | 103° 24' 35.090 W |
| 20,500.0              | 90.00           | 0.17        | 10,450.0              | 10,071.5     | -288.2       | 11,758,851.53       | 2,131,186.48       | 32° 23' 2.160 N  | 103° 24' 35.086 W |
| 20,588.0              | 90.00           | 0.17        | 10,450.0              | 10,159.6     | -288.0       | 11,758,939.57       | 2,131,185.43       | 32° 23' 3.032 N  | 103° 24' 35.083 W |

| Design Targets                                                                              |               |              |            |              |              |                 |                |                  |                   |
|---------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|
| Target Name                                                                                 | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |
| LTP/BHL - WINNEBAGC                                                                         | 0.00          | 0.00         | 10,451.1   | 10,159.6     | -289.1       | 11,758,939.55   | 2,131,184.35   | 32° 23' 3.032 N  | 103° 24' 35.096 W |
| - hit/miss target                                                                           |               |              |            |              |              |                 |                |                  |                   |
| - Shape                                                                                     |               |              |            |              |              |                 |                |                  |                   |
| - plan misses target center by 1.5usft at 20588.0usft MD (10450.0 TVD, 10159.6 N, -288.0 E) |               |              |            |              |              |                 |                |                  |                   |
| - Point                                                                                     |               |              |            |              |              |                 |                |                  |                   |
| FTP - WINNEBAGO 30 :                                                                        | 0.00          | 0.00         | 10,451.1   | -200.4       | -315.4       | 11,748,580.27   | 2,131,312.04   | 32° 21' 20.507 N | 103° 24' 35.402 W |
| - hit/miss target                                                                           |               |              |            |              |              |                 |                |                  |                   |
| - Shape                                                                                     |               |              |            |              |              |                 |                |                  |                   |
| - plan misses target center by 236.4usft at 10350.3usft MD (10283.5 TVD, -33.8 N, -318.2 E) |               |              |            |              |              |                 |                |                  |                   |
| - Circle (radius 50.0)                                                                      |               |              |            |              |              |                 |                |                  |                   |

**LGC****Survey Report - Geographic**

|                  |                             |                                     |                                  |
|------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | NEW MEXICO                  | <b>Local Co-ordinate Reference:</b> | Well WINNEBAGO 30 STATE COM 503H |
| <b>Project:</b>  | LEA                         | <b>TVD Reference:</b>               | RKB=3466.1+25 @ 3491.1usft       |
| <b>Site:</b>     | WINNEBAGO                   | <b>MD Reference:</b>                | RKB=3466.1+25 @ 3491.1usft       |
| <b>Well:</b>     | WINNEBAGO 30 STATE COM 503H | <b>North Reference:</b>             | True                             |
| <b>Wellbore:</b> | WINNEBAGO 30 STATE COM 503H | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP0 - 2 MILE               | <b>Database:</b>                    | Centennial EDM SQL Server        |

**Casing Points**

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Name    | Casing<br>Diameter<br>(") | Hole<br>Diameter<br>(") |
|-----------------------------|-----------------------------|---------|---------------------------|-------------------------|
| 1,800.0                     | 1,800.0                     | 13 3/8" | 13-3/8                    | 17-1/2                  |
| 5,616.0                     | 5,600.0                     | 9 5/8"  | 9-5/8                     | 12-1/4                  |
| 20,588.0                    | 10,450.0                    | 5 1/2"  | 5-1/2                     | 8-1/2                   |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|