

OCT 18 2019

Form C-102  
Revised August 1, 2011

DISTRICT I  
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Phone (505) 393-6161 Fax: (505) 393-0720

DISTRICT II  
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Phone (505) 748-1283 Fax: (505) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
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DISTRICT IV  
1226 S. St. Francis Dr., Santa Fe, NM 87505  
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NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 18 2019

OIL CONSERVATION DIVISION

1226 South St. Francis Dr.  
Santa Fe, New Mexico 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Submit one copy to appropriate  
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

As Drilled  
AMENDED REPORT

|                            |                                            |                                             |
|----------------------------|--------------------------------------------|---------------------------------------------|
| API Number<br>30-015-44848 | Pool Code<br>97565                         | Pool Name<br>N. Seven Rivers; Glorieta-Yeso |
| Property Code<br>325855    | Property Name<br>HUBER FEDERAL             | Well Number<br>10H                          |
| OGRID No.<br>328947        | Operator Name<br>Spur Energy Partners, LLC | Elevation<br>3506'                          |

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             | 34      | 19 S     | 25 E  |         | 474           | SOUTH            | 2575          | WEST           | EDDY   |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 3       | 20 S     | 25 E  |         | 58            | SOUTH            | 2574          | EAST           | EDDY   |

| Dedicated Acres | 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

**SURFACE LOCATION**  
Lat - N 32.611032°  
Long - W 104.473002°  
NMSPC - N 586052.6  
E 498331.3  
(NAD-83)

**FIRST TAKE POINT**  
100' FNL & 2587' FWL  
Lat - N 32.609455°  
Long - W 104.472457°  
NMSPC - N 585478.4  
E 498498.5  
(NAD-83)

**LAST TAKE POINT**  
134' FSL & 2573' FWL  
Lat - N 32.595648°  
Long - W 104.472448°  
NMSPC - N 580455.3  
E 498494.6  
(NAD-83)

**BOTTOM HOLE LOCATION**  
Lat - N 32.595439°  
Long - W 104.472452°  
NMSPC - N 580379.4  
E 498493.2  
(NAD-83)

**OPERATOR CERTIFICATION**  
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 a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Ryan Barber* 10/18/19  
Signature Date

Ryan Barber  
Printed Name  
rbarber@spurepllc.com  
Email Address

**SURVEYOR CERTIFICATION**  
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.

Date Surveyed  
Signature & Seal of Professional Surveyor  
7977

Certificate No. 7977  
Bryan Barber

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'  
WO Num.: 34591

OCT 18 2019

RECEIVED



# Survey Report

Service Company: Wellbenders

Location: 18 Miles South of Artesia

Well: Huber Fed 10H

Rig: Akita 20

API or UWI: 30-015-44848

Job Number: NMDG 2019-1009

State: NM

Operating Company: Spur Energy Partners LLC

County: Eddy

Magnetic Declination: 0.00

Country: USA

Proposed Azimuth: 180.15

Comment

North Reference: GRID

Latitude: 32.610978

Longitude: -104.473491

## Tie-In Data

| MD   | Inclination | Azimuth | TVD  | NS   | EW   |
|------|-------------|---------|------|------|------|
| 0.00 | 0.00        | 0.00    | 0.00 | 0.00 | 0.00 |

## Survey Data

| MD      | Inclination | Azimuth | TVD     | NS     | EW     | CA     | CD     | VS      | DLS  |
|---------|-------------|---------|---------|--------|--------|--------|--------|---------|------|
| 135.00  | 0.44        | 327.68  | 135.00  | 0.44   | -0.28  | 327.68 | 0.52   | -0.44   | 0.33 |
| 227.00  | 1.01        | 306.58  | 226.99  | 1.22   | -1.12  | 317.52 | 1.65   | -1.22   | 0.67 |
| 318.00  | 1.80        | 354.04  | 317.97  | 3.12   | -1.91  | 328.53 | 3.66   | -3.11   | 1.47 |
| 411.00  | 3.47        | 14.79   | 410.87  | 7.29   | -1.34  | 349.57 | 7.42   | -7.29   | 2.04 |
| 502.00  | 5.93        | 24.98   | 501.55  | 14.22  | 1.35   | 5.41   | 14.28  | -14.22  | 2.84 |
| 591.00  | 8.75        | 28.76   | 589.82  | 24.32  | 6.55   | 15.06  | 25.19  | -24.34  | 3.21 |
| 682.00  | 10.68       | 32.45   | 679.51  | 37.51  | 14.40  | 21.00  | 40.18  | -37.54  | 2.23 |
| 773.00  | 10.99       | 32.45   | 768.89  | 51.94  | 23.58  | 24.42  | 57.04  | -52.00  | 0.34 |
| 863.00  | 10.81       | 34.12   | 857.26  | 66.17  | 32.92  | 26.45  | 73.90  | -66.25  | 0.40 |
| 955.00  | 10.90       | 33.68   | 947.62  | 80.55  | 42.58  | 27.86  | 91.11  | -80.66  | 0.13 |
| 1046.00 | 10.68       | 37.02   | 1037.01 | 94.44  | 52.43  | 29.04  | 108.02 | -94.58  | 0.73 |
| 1135.00 | 10.73       | 39.84   | 1124.46 | 107.39 | 62.70  | 30.28  | 124.35 | -107.55 | 0.59 |
| 1221.00 | 10.81       | 40.27   | 1208.95 | 119.69 | 73.04  | 31.39  | 140.22 | -119.88 | 0.13 |
| 1365.00 | 10.46       | 40.41   | 1350.47 | 139.95 | 90.25  | 32.82  | 166.52 | -140.18 | 0.24 |
| 1459.00 | 9.27        | 50.52   | 1443.09 | 151.26 | 101.62 | 33.90  | 182.22 | -151.52 | 2.23 |
| 1554.00 | 8.79        | 60.45   | 1536.91 | 159.70 | 113.84 | 35.48  | 196.13 | -160.00 | 1.71 |

| MD      | Inclination | Azimuth | TVD     | NS       | EW     | CA     | CD      | VS      | DLS   |
|---------|-------------|---------|---------|----------|--------|--------|---------|---------|-------|
| 1648.00 | 8.53        | 77.94   | 1629.86 | 164.70   | 126.91 | 37.62  | 207.93  | -165.03 | 2.80  |
| 1743.00 | 11.47       | 96.31   | 1723.43 | 165.14   | 143.20 | 40.93  | 218.58  | -165.51 | 4.53  |
| 1790.00 | 11.87       | 97.98   | 1769.46 | 163.95   | 152.63 | 42.95  | 224.00  | -164.35 | 1.11  |
| 1837.00 | 11.38       | 109.67  | 1815.50 | 161.72   | 161.78 | 45.01  | 228.75  | -162.14 | 5.11  |
| 1884.00 | 11.34       | 124.26  | 1861.59 | 157.56   | 169.97 | 47.17  | 231.76  | -158.00 | 6.10  |
| 1932.00 | 12.57       | 136.57  | 1908.55 | 151.11   | 177.46 | 49.59  | 233.08  | -151.57 | 5.88  |
| 1979.00 | 13.98       | 146.50  | 1954.30 | 142.66   | 184.11 | 52.23  | 232.91  | -143.14 | 5.69  |
| 2026.00 | 15.74       | 157.66  | 1999.74 | 132.02   | 189.67 | 55.16  | 231.10  | -132.52 | 7.13  |
| 2073.00 | 18.33       | 166.45  | 2044.68 | 118.94   | 193.83 | 58.47  | 227.41  | -119.44 | 7.76  |
| 2121.00 | 21.63       | 174.01  | 2089.79 | 102.79   | 196.52 | 62.39  | 221.78  | -103.31 | 8.72  |
| 2168.00 | 24.53       | 179.02  | 2133.03 | 84.42    | 197.59 | 66.87  | 214.87  | -84.93  | 7.45  |
| 2215.00 | 27.21       | 181.30  | 2175.32 | 63.92    | 197.52 | 72.07  | 207.60  | -64.43  | 6.08  |
| 2262.00 | 30.51       | 182.97  | 2216.48 | 41.25    | 196.65 | 78.15  | 200.93  | -41.77  | 7.23  |
| 2309.00 | 34.24       | 182.97  | 2256.16 | 16.12    | 195.35 | 85.28  | 196.01  | -16.63  | 7.94  |
| 2356.00 | 37.49       | 183.06  | 2294.25 | -11.37   | 193.90 | 93.36  | 194.23  | 10.86   | 6.92  |
| 2404.00 | 39.96       | 182.45  | 2331.69 | -41.36   | 192.46 | 102.13 | 196.86  | 40.86   | 5.21  |
| 2451.00 | 42.64       | 182.09  | 2367.00 | -72.35   | 191.24 | 110.72 | 204.47  | 71.85   | 5.72  |
| 2499.00 | 45.36       | 181.30  | 2401.52 | -105.68  | 190.26 | 119.05 | 217.64  | 105.18  | 5.78  |
| 2546.00 | 45.54       | 181.13  | 2434.50 | -139.17  | 189.54 | 126.29 | 235.15  | 138.67  | 0.46  |
| 2594.00 | 45.71       | 181.39  | 2468.06 | -173.47  | 188.79 | 132.58 | 256.38  | 172.97  | 0.52  |
| 2641.00 | 47.12       | 182.09  | 2500.47 | -207.50  | 187.75 | 137.86 | 279.83  | 207.00  | 3.19  |
| 2688.00 | 52.13       | 183.41  | 2530.90 | -243.25  | 186.02 | 142.59 | 306.22  | 242.76  | 10.87 |
| 2735.00 | 57.71       | 185.08  | 2557.91 | -281.58  | 183.16 | 146.96 | 335.91  | 281.10  | 12.22 |
| 2783.00 | 63.03       | 185.43  | 2581.63 | -323.12  | 179.33 | 150.97 | 369.55  | 322.65  | 11.10 |
| 2830.00 | 68.70       | 183.76  | 2600.84 | -365.85  | 175.91 | 154.32 | 405.95  | 365.39  | 12.49 |
| 2877.00 | 74.90       | 183.06  | 2615.51 | -410.40  | 173.26 | 157.11 | 445.48  | 409.95  | 13.27 |
| 2924.00 | 80.84       | 182.53  | 2625.38 | -456.28  | 171.03 | 159.45 | 487.28  | 455.83  | 12.69 |
| 2971.00 | 83.69       | 181.83  | 2631.71 | -502.81  | 169.26 | 161.40 | 530.53  | 502.36  | 6.24  |
| 3065.00 | 89.93       | 181.39  | 2636.94 | -596.58  | 166.62 | 164.40 | 619.41  | 596.14  | 6.65  |
| 3160.00 | 91.12       | 180.86  | 2636.07 | -691.56  | 164.76 | 166.60 | 710.91  | 691.12  | 1.37  |
| 3255.00 | 91.16       | 179.55  | 2634.18 | -786.53  | 164.42 | 168.19 | 803.53  | 786.10  | 1.38  |
| 3349.00 | 89.54       | 178.49  | 2633.60 | -880.51  | 166.02 | 169.32 | 896.03  | 880.08  | 2.06  |
| 3443.00 | 89.93       | 178.58  | 2634.04 | -974.48  | 168.43 | 170.19 | 988.93  | 974.04  | 0.43  |
| 3565.00 | 89.49       | 179.02  | 2634.66 | -1096.45 | 170.98 | 171.14 | 1109.70 | 1096.00 | 0.51  |
| 3660.00 | 88.97       | 178.84  | 2635.93 | -1191.43 | 172.76 | 171.75 | 1203.89 | 1190.97 | 0.58  |
| 3754.00 | 88.97       | 178.49  | 2637.62 | -1285.39 | 174.95 | 172.25 | 1297.24 | 1284.92 | 0.37  |
| 3849.00 | 89.58       | 178.49  | 2638.82 | -1380.35 | 177.45 | 172.67 | 1391.70 | 1379.88 | 0.64  |

| MD      | Inclination | Azimuth | TVD     | NS       | EW     | CA     | CD      | VS      | DLS  |
|---------|-------------|---------|---------|----------|--------|--------|---------|---------|------|
| 3944.00 | 90.02       | 179.37  | 2639.16 | -1475.33 | 179.22 | 173.07 | 1486.17 | 1474.85 | 1.04 |
| 4038.00 | 90.07       | 179.28  | 2639.08 | -1569.32 | 180.33 | 173.44 | 1579.65 | 1568.84 | 0.11 |
| 4133.00 | 90.20       | 179.72  | 2638.86 | -1664.32 | 181.16 | 173.79 | 1674.15 | 1663.84 | 0.48 |
| 4227.00 | 90.11       | 180.34  | 2638.60 | -1758.32 | 181.11 | 174.12 | 1767.62 | 1757.84 | 0.67 |
| 4321.00 | 89.80       | 180.60  | 2638.68 | -1852.31 | 180.34 | 174.44 | 1861.07 | 1851.83 | 0.43 |
| 4416.00 | 90.37       | 180.86  | 2638.54 | -1947.30 | 179.13 | 174.74 | 1955.53 | 1946.83 | 0.66 |
| 4511.00 | 90.07       | 181.39  | 2638.17 | -2042.28 | 177.26 | 175.04 | 2049.96 | 2041.81 | 0.64 |
| 4606.00 | 89.67       | 181.65  | 2638.39 | -2137.25 | 174.74 | 175.33 | 2144.38 | 2136.79 | 0.50 |
| 4701.00 | 90.37       | 181.57  | 2638.35 | -2232.21 | 172.07 | 175.59 | 2238.84 | 2231.75 | 0.74 |
| 4793.00 | 90.77       | 181.13  | 2637.44 | -2324.18 | 169.91 | 175.82 | 2330.38 | 2323.73 | 0.65 |
| 4888.00 | 91.74       | 181.48  | 2635.36 | -2419.13 | 167.74 | 176.03 | 2424.94 | 2418.69 | 1.09 |
| 4983.00 | 90.90       | 180.60  | 2633.17 | -2514.09 | 166.02 | 176.22 | 2519.57 | 2513.65 | 1.28 |
| 5077.00 | 91.03       | 179.90  | 2631.59 | -2608.08 | 165.61 | 176.37 | 2613.33 | 2607.63 | 0.76 |
| 5172.00 | 91.34       | 180.25  | 2629.62 | -2703.06 | 165.49 | 176.50 | 2708.12 | 2702.61 | 0.49 |
| 5266.00 | 91.69       | 179.55  | 2627.14 | -2797.02 | 165.65 | 176.61 | 2801.92 | 2796.58 | 0.83 |
| 5361.00 | 91.30       | 180.07  | 2624.66 | -2891.99 | 165.96 | 176.72 | 2896.75 | 2891.54 | 0.68 |
| 5456.00 | 90.81       | 180.25  | 2622.91 | -2986.97 | 165.70 | 176.82 | 2991.56 | 2986.53 | 0.55 |
| 5551.00 | 90.20       | 180.51  | 2622.07 | -3081.97 | 165.07 | 176.93 | 3086.38 | 3081.52 | 0.70 |
| 5643.00 | 89.58       | 180.95  | 2622.25 | -3173.96 | 163.90 | 177.04 | 3178.19 | 3173.52 | 0.83 |
| 5735.00 | 89.36       | 180.42  | 2623.10 | -3265.95 | 162.80 | 177.15 | 3270.00 | 3265.51 | 0.62 |
| 5827.00 | 89.54       | 179.90  | 2623.98 | -3357.94 | 162.54 | 177.23 | 3361.87 | 3357.50 | 0.60 |
| 5919.00 | 89.67       | 179.90  | 2624.62 | -3449.94 | 162.70 | 177.30 | 3453.77 | 3449.50 | 0.14 |
| 6010.00 | 90.02       | 179.99  | 2624.86 | -3540.94 | 162.79 | 177.37 | 3544.68 | 3540.50 | 0.40 |
| 6099.00 | 90.46       | 180.34  | 2624.49 | -3629.94 | 162.53 | 177.44 | 3633.57 | 3629.50 | 0.63 |
| 6190.00 | 89.80       | 180.69  | 2624.28 | -3720.93 | 161.71 | 177.51 | 3724.44 | 3720.50 | 0.82 |
| 6281.00 | 90.33       | 180.69  | 2624.18 | -3811.93 | 160.62 | 177.59 | 3815.31 | 3811.49 | 0.58 |
| 6372.00 | 90.11       | 181.65  | 2623.83 | -3902.90 | 158.76 | 177.67 | 3906.13 | 3902.48 | 1.08 |
| 6462.00 | 89.54       | 181.92  | 2624.11 | -3992.86 | 155.96 | 177.76 | 3995.90 | 3992.44 | 0.70 |
| 6554.00 | 89.58       | 182.01  | 2624.81 | -4084.80 | 152.80 | 177.86 | 4087.66 | 4084.39 | 0.11 |
| 6644.00 | 88.92       | 180.86  | 2625.99 | -4174.77 | 150.55 | 177.93 | 4177.48 | 4174.36 | 1.47 |
| 6736.00 | 88.79       | 179.37  | 2627.83 | -4266.74 | 150.36 | 177.98 | 4269.39 | 4266.34 | 1.63 |
| 6827.00 | 89.41       | 178.23  | 2629.26 | -4357.71 | 152.27 | 178.00 | 4360.37 | 4357.30 | 1.43 |
| 6919.00 | 90.11       | 178.14  | 2629.64 | -4449.66 | 155.18 | 178.00 | 4452.37 | 4449.24 | 0.77 |
| 7009.00 | 90.64       | 178.14  | 2629.05 | -4539.61 | 158.10 | 178.01 | 4542.37 | 4539.18 | 0.59 |
| 7100.00 | 90.77       | 177.70  | 2627.93 | -4630.55 | 161.41 | 178.00 | 4633.36 | 4630.11 | 0.50 |
| 7194.00 | 90.95       | 178.32  | 2626.52 | -4724.48 | 164.67 | 178.00 | 4727.35 | 4724.03 | 0.69 |
| 7289.00 | 90.64       | 178.32  | 2625.21 | -4819.43 | 167.46 | 178.01 | 4822.34 | 4818.97 | 0.33 |

| MD      | Inclination | Azimuth | TVD     | NS       | EW     | CA     | CD      | VS      | DLS  |
|---------|-------------|---------|---------|----------|--------|--------|---------|---------|------|
| 7384.00 | 90.11       | 178.67  | 2624.58 | -4914.39 | 169.95 | 178.02 | 4917.33 | 4913.93 | 0.67 |
| 7479.00 | 90.29       | 179.19  | 2624.25 | -5009.38 | 171.72 | 178.04 | 5012.32 | 5008.91 | 0.58 |
| 7573.00 | 90.95       | 180.51  | 2623.24 | -5103.37 | 171.97 | 178.07 | 5106.26 | 5102.90 | 1.57 |
| 7668.00 | 90.64       | 180.42  | 2621.92 | -5198.35 | 171.20 | 178.11 | 5201.17 | 5197.89 | 0.34 |
| 7763.00 | 90.33       | 180.51  | 2621.11 | -5293.35 | 170.43 | 178.16 | 5296.09 | 5292.88 | 0.34 |
| 7858.00 | 89.93       | 182.01  | 2620.90 | -5388.32 | 168.34 | 178.21 | 5390.95 | 5387.86 | 1.63 |
| 7952.00 | 89.58       | 181.30  | 2621.30 | -5482.28 | 165.63 | 178.27 | 5484.78 | 5481.83 | 0.84 |
| 8046.00 | 89.27       | 181.04  | 2622.24 | -5576.26 | 163.71 | 178.32 | 5578.66 | 5575.81 | 0.43 |
| 8087.00 | 89.10       | 181.04  | 2622.83 | -5617.25 | 162.96 | 178.34 | 5619.61 | 5616.80 | 0.41 |

**Projected Survey**

| MD      | Inclination | Azimuth | TVD     | NS       | EW     | CA     | CD      | VS      | DLS  |
|---------|-------------|---------|---------|----------|--------|--------|---------|---------|------|
| 8143.00 | 89.10       | 181.04  | 2623.71 | -5673.23 | 161.95 | 178.36 | 5675.54 | 5672.79 | 0.00 |