

|                                     |                                                       |                                    |
|-------------------------------------|-------------------------------------------------------|------------------------------------|
| Well Name: RED STRIPE 5 FEDERAL COM | Well Location: T17S / R30E / SEC 6 / LOT 1 /          | County or Parish/State:            |
| Well Number: 20H                    | Type of Well: OIL WELL                                | Allottee or Tribe Name:            |
| Lease Number: NMNM083591            | Unit or CA Name:                                      | Unit or CA Number:                 |
| US Well Number: 3001549230          | Well Status: Approved Application for Permit to Drill | Operator: SPUR ENERGY PARTNERS LLC |

Notice of Intent

Sundry ID: 2663656

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/24/2022

Date proposed operation will begin: 05/01/2022

Type of Action: APD Change

Time Sundry Submitted: 07:15

**Procedure Description:** Due to a protested application of our Non-Standard Location, Spur respectfully requests to shift this development to align with our spacing. No new surface disturbance. Permitted: SHL: 395' FNL 1015' FEL FTP: 220' FNL 100' FWL LTP: 220' FNL 100' FEL BHL: 220' FNL 50' FEL Proposed: SHL: 395' FNL 1015' FEL FTP: 330' FNL 100' FWL LTP: 330' FNL 100' FEL BHL: 330' FNL 50' FEL Please find updated C-102, directional information and drill plan attached for your use.

NOI Attachments

Procedure Description

- RedStripe5FdCom20H\_UpdatedDirectPlot\_20220324071411.pdf
- RedStripe5FdCom20H\_UpdatedDrillPlan\_20220324071411.pdf
- RedStripe5FdCom20H\_UpdatedDirectPlan\_20220324071411.pdf
- RedStripe5FdCom20H\_Updatedc102\_20220324071411.pdf

|                                            |                                                              |                                           |
|--------------------------------------------|--------------------------------------------------------------|-------------------------------------------|
| <b>Well Name:</b> RED STRIPE 5 FEDERAL COM | <b>Well Location:</b> T17S / R30E / SEC 6 / LOT 1 /          | <b>County or Parish/State:</b>            |
| <b>Well Number:</b> 20H                    | <b>Type of Well:</b> OIL WELL                                | <b>Allottee or Tribe Name:</b>            |
| <b>Lease Number:</b> NMNM083591            | <b>Unit or CA Name:</b>                                      | <b>Unit or CA Number:</b>                 |
| <b>US Well Number:</b> 3001549230          | <b>Well Status:</b> Approved Application for Permit to Drill | <b>Operator:</b> SPUR ENERGY PARTNERS LLC |

Conditions of Approval

Additional Reviews

Red\_Stripe\_5\_Federal\_Com\_20H\_COA\_20220414164756.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

|                                                     |                                         |
|-----------------------------------------------------|-----------------------------------------|
| <b>Operator Electronic Signature:</b> SARAH CHAPMAN | <b>Signed on:</b> MAR 24, 2022 07:15 AM |
| <b>Name:</b> SPUR ENERGY PARTNERS LLC               |                                         |
| <b>Title:</b> Regulatory Directory                  |                                         |
| <b>Street Address:</b> 9655 KATY FREEWAY, SUITE 500 |                                         |
| <b>City:</b> Houston                                | <b>State:</b> TX                        |
| <b>Phone:</b> (832) 930-8613                        |                                         |
| <b>Email address:</b> SCHAPMAN@SPUREPLLC.COM        |                                         |

Field Representative

|                             |               |             |
|-----------------------------|---------------|-------------|
| <b>Representative Name:</b> |               |             |
| <b>Street Address:</b>      |               |             |
| <b>City:</b>                | <b>State:</b> | <b>Zip:</b> |
| <b>Phone:</b>               |               |             |
| <b>Email address:</b>       |               |             |

BLM Point of Contact

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| <b>BLM POC Name:</b> CHRISTOPHER WALLS | <b>BLM POC Title:</b> Petroleum Engineer     |
| <b>BLM POC Phone:</b> 5752342234       | <b>BLM POC Email Address:</b> cwalls@blm.gov |
| <b>Disposition:</b> Approved           | <b>Disposition Date:</b> 04/18/2022          |
| <b>Signature:</b> Chris Walls          |                                              |

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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>30-015-</b> |  | <sup>2</sup> Pool Code<br><b>96718</b>                         |  | <sup>3</sup> Pool Name<br><b>LOCO HILLS; GLORIETA-ESO</b> |                                        |
| <sup>4</sup> Property Code                |  | <sup>5</sup> Property Name<br><b>RED STRIPE 5 FEDERAL COM</b>  |  |                                                           | <sup>6</sup> Well Number<br><b>20H</b> |
| <sup>7</sup> OGRID NO.<br><b>328947</b>   |  | <sup>8</sup> Operator Name<br><b>SPUR ENERGY PARTNERS LLC.</b> |  |                                                           | <sup>9</sup> Elevation<br><b>3703'</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      |
|---------------|----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>1</b>      | <b>6</b> | <b>17S</b> | <b>30E</b> |         | <b>395</b>    | <b>NORTH</b>     | <b>1015</b>   | <b>EAST</b>    | <b>EDDY</b> |

<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      |
|---------------|----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>1</b>      | <b>5</b> | <b>17S</b> | <b>30E</b> |         | <b>220</b>    | <b>NORTH</b>     | <b>50</b>     | <b>EAST</b>    | <b>EDDY</b> |

| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <b>320</b>                    |                               |                                  |                         |

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <sup>16</sup><br><b>GEODETIC DATA</b><br>NAD 83 GRID — NM EAST<br><b>SURFACE LOCATION (SL)</b><br>N: 680282.1 — E: 641816.3<br>LAT: 32.8696889° N<br>LONG: 104.0060699° W<br><b>FIRST TAKE POINT (FTP)</b><br>220' FNL & 100' FWL — SEC 5<br>N: 680461.0 — E: 642930.5<br>LAT: 32.8701709° N<br>LONG: 104.0024391° W<br><b>LAST TAKE POINT (LTP)</b><br>220' FNL & 100' FFL — SEC 5<br>N: 680476.3 — E: 648011.8<br>LAT: 32.8701681° N<br>LONG: 103.9858891° W<br><b>BOTTOM HOLE (BH)</b><br>N: 680476.4 — E: 648061.8<br>LAT: 32.8701680° N<br>LONG: 103.9857262° W |  | <b>CORNER DATA</b><br>NAD 83 GRID — NM EAST<br>A: FOUND BRASS CAP "1914"<br>N: 675387.8 — E: 637653.6<br>B: FOUND BRASS CAP "1914"<br>N: 678025.5 — E: 637653.4<br>C: FOUND BRASS CAP "1914"<br>N: 680665.9 — E: 637654.6<br>D: FOUND BRASS CAP "1916"<br>N: 680673.4 — E: 640190.1<br>E: FOUND BRASS CAP "1916"<br>N: 680680.6 — E: 642829.7<br>F: FOUND BRASS CAP "1916"<br>N: 680688.3 — E: 645470.0<br>G: FOUND BRASS CAP "1916"<br>N: 680696.5 — E: 648110.9<br>H: FOUND BRASS CAP "1916"<br>N: 678076.6 — E: 648121.2<br>I: FOUND BRASS CAP "1916"<br>N: 675436.4 — E: 648128.9<br>J: FOUND BRASS CAP "1916"<br>N: 675428.2 — E: 645488.7<br>K: FOUND BRASS CAP "1916"<br>N: 675419.9 — E: 642848.2<br>L: FOUND BRASS CAP "1916"<br>N: 675403.7 — E: 640208.3<br>M: FOUND BRASS CAP "1916"<br>N: 678060.2 — E: 642838.9 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br>Signature: <i>Sarah Chapman</i> Date: 05/27/2021<br>Printed Name: SARAH CHAPMAN<br>E-mail Address: SCHAPMAN@SPUREPLLC.COM                                                                                                                                           |  |
| <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br>Date of Survey: 11-05-2020<br>Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i><br>Certificate Number: 19680<br>LS MOVE — 12/1/2020<br>LS20100624                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |

## Spur Energy Partners LLC – Red Stripe 5 Federal Com 20H

### 1. Geologic Formations

|               |         |
|---------------|---------|
| TVD of Target | 4,650'  |
| MD at TD      | 10,217' |

| Formation    | Depth | Lithology                                    | Expected Fluids       |
|--------------|-------|----------------------------------------------|-----------------------|
| Quaternary   | 0'    | Dolomite, other: Caliche                     | Useable Water         |
| Rustler      | 355'  | Dolomite, Shale, Anhydrite                   | Other: Brackish Water |
| Top Salt     | 530'  | Anhydrite                                    | Other: Salt           |
| Tansill      | 1100' | Sandstone, Dolomite                          | None                  |
| Yates        | 1210' | Dolomite, Limestone, Shale, Siltstone        | None                  |
| Seven Rivers | 1495' | Dolomite, Limestone                          | Natural Gas, Oil      |
| Queen        | 2100' | Sandstone w/ Interbedded Dolomite, Anhydrite | Natural Gas, Oil      |
| Grayburg     | 2515' | Dolomite w/ Minor Sandstone, Anhydrite       | Natural Gas, Oil      |
| San Andres   | 2820' | Dolomitic Limestone                          | Natural Gas, Oil      |
| Glorieta     | 4260' | Dolomite, Siltstone                          | Natural Gas, Oil      |
| Paddock      | 4330' | Dolomitic Limestone                          | Natural Gas, Oil      |
| Blinberry    | 4690' | Dolomitic Limestone                          | Natural Gas, Oil      |
| Abo          | 6330' | Dolomitic Limestone                          | Natural Gas, Oil      |

\*H<sub>2</sub>S, water flows, loss of circulation, abnormal pressures, etc.

### 2. Casing Program

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

| Csg Set Depth (ft)            | Hole Size (in) | Casing Interval |         | Csg. Size (in) | Weight (lbs) | Grade | Conn. | SF       | SF Burst | Body SF | Joint SF |
|-------------------------------|----------------|-----------------|---------|----------------|--------------|-------|-------|----------|----------|---------|----------|
|                               |                | From (ft)       | To (ft) |                |              |       |       | Collapse |          | Tension | Tension  |
| Rustler                       | 17.5           | 0               | 450     | 13.375         | 54.5         | J-55  | BTC   | 1.125    | 1.2      | 1.4     | 1.4      |
| Seven Rivers                  | 12.25          | 0               | 1600    | 9.625          | 36           | J-55  | BTC   | 1.125    | 1.2      | 1.4     | 1.4      |
| N/A                           | 8.75           | 0               | 4850    | 7              | 32           | L-80  | BK-HT | 1.125    | 1.2      | 1.4     | 1.4      |
| Yeso                          | 8.75           | 4850            | 10217   | 5.5            | 20           | L-80  | BK-HT | 1.125    | 1.2      | 1.4     | 1.4      |
| SF Values will meet or Exceed |                |                 |         |                |              |       |       |          |          |         |          |

## Spur Energy Partners LLC – Red Stripe 5 Federal Com 20H

|                                                                                                                                                  | Y or N |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Is casing new? If used, attach certification as required in Onshore Order #1                                                                     | Y      |
| Does casing meet API specifications? If no, attach casing specification sheet.                                                                   | Y      |
| Is premium or uncommon casing planned? If yes attach casing specification sheet.                                                                 | N      |
| Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria). | Y      |
| Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?                | Y      |
| Is well located within Capitan Reef?                                                                                                             | N      |
| If yes, does production casing cement tie back a minimum of 50' above the Reef?                                                                  |        |
| Is well within the designated 4 string boundary.                                                                                                 |        |
| Is well located in SOPA but not in R-111-P?                                                                                                      | N      |
| If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back 500' into previous casing?                       |        |
| Is well located in R-111-P and SOPA?                                                                                                             | N      |
| If yes, are the first three strings cemented to surface?                                                                                         |        |
| Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?                                                                               |        |
| Is well located in high Cave/Karst?                                                                                                              | N      |
| If yes, are there two strings cemented to surface?                                                                                               |        |
| Is well located in critical Cave/Karst?                                                                                                          | N      |
| If yes, are there three strings cemented to surface?                                                                                             |        |

## 3. Cementing Program

| Casing String       | Top (ft) | Bottom (ft) | % Excess |
|---------------------|----------|-------------|----------|
| Surface Tail        | 0        | 450         | 165%     |
| Intermediate (Lead) | 0        | 450         | 100%     |
| Intermediate (Tail) | 450      | 1600        | 100%     |
| Production (Lead)   | 0        | 3850        | 100%     |
| Production (Tail)   | 3850     | 10217       | 25%      |

| Casing String       | # Sks | Wt.<br>(lb/gal) | Yld<br>(ft3/sack) | H2O<br>(gal/sk) | 500#<br>Comp.<br>Strength<br>(hours) | Slurry Description         |
|---------------------|-------|-----------------|-------------------|-----------------|--------------------------------------|----------------------------|
| Surface Tail        | 429   | 13.2            | 1.87              | 9.92            | 6:59                                 | Clas C Premium Plus Cement |
| Intermediate (Lead) | 69    | 12              | 2.4               | 13.48           | 8:12                                 | Clas C Premium Plus Cement |
| Intermediate (Tail) | 395   | 13.2            | 1.87              | 9.92            | 6:59                                 | Clas C Premium Plus Cement |
| Production (Lead)   | 677   | 11.4            | 2.42              | 15.29           | N/A                                  | Clas C Premium Plus Cement |
| Production (Tail)   | 1213  | 13.2            | 1.56              | 9.81            | N/A                                  | Clas C Premium Plus Cement |

## Spur Energy Partners LLC – Red Stripe 5 Federal Com 20H

### 4. Pressure Control Equipment

#### \*Spur Energy Partners LLC variance for flex hose\*

1. Spur requests a variance to use a flex line from the BOP to the choke manifold. Documentation will be attached in the APD and be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no bends).

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       | ✓ | Tested to:              |
|------------------------------------------------------|---------|------------------|------------|---|-------------------------|
| 12.25" Hole                                          | 13-5/8" | 5M               | Annular    | ✓ | 70% of working pressure |
|                                                      |         | 5M               | Blind Ram  | ✓ | 250 psi / 3000 psi      |
|                                                      |         |                  | Pipe Ram   | ✓ |                         |
|                                                      |         |                  | Double Ram |   |                         |
|                                                      |         |                  | Other*     |   |                         |
| 8.75" Hole                                           | 13-5/8" | 5M               | Annular    | ✓ | 70% of working pressure |
|                                                      |         | 5M               | Blind Ram  | ✓ | 250 psi / 3000 psi      |
|                                                      |         |                  | Pipe Ram   | ✓ |                         |
|                                                      |         |                  | Double Ram |   |                         |
|                                                      |         |                  | Other*     |   |                         |

#### \*Spur Energy Partners LLC will be utilizing a 5M BOP\*

| Condition                     | Specify what type and where? |
|-------------------------------|------------------------------|
| BH Pressure at deepest TVD    | 2153 psi                     |
| Abnormal Temperature          | No                           |
| BH Temperature at deepest TVD | 118°F                        |

\*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

|   |                                                                                                                                                                                                                                                                                                               |  |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|   | Formation integrity test will be performed per Onshore Order #2.<br>On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. |  |
| Y | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                         |  |

**Spur Energy Partners LLC – Red Stripe 5 Federal Com 20H**

|  |                                                                                                                                                                                                                                                                                                              |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | A conventional wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days.<br>See attached schematics. |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**5. BOP Break Testing Request**

Spur Energy Partners LLC requests permission to adjust the BOP break testing requirements as follows:

BOP break test under the following conditions:

- After a full BOP test is conducted
- When skidding to drill the production section, where the surface casing point is shallower than the 3 Bone Spring or 10,000 TVD.
- When skidding to drill a production section that does not penetrate the 3<sup>rd</sup> Bone Spring or deeper.

If the kill line is broken prior to skid, four tests will be performed.

- 1) The void between the wellhead and the spool (this consists of two tests)
- 2) The spool between the kill lines and the choke manifold (this consists of two tests)

If the kill line is not broken prior to skid, two tests will be performed.

- 1) The void between the wellhead and the pipe rams

**6. Mud Program**

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Spur will use a closed mud system.

| Depth     |         | Type            | Weight (ppg) | Viscosity | Water Loss |
|-----------|---------|-----------------|--------------|-----------|------------|
| From (ft) | To (ft) |                 |              |           |            |
| 0         | 450     | Water-Based Mud | 8.6-8.9      | 32-36     | N/C        |
| 450       | 1600    | Brine           | 10.0-10.5    | 32-36     | N/C        |
| 1600      | 10217   | Brine           | 10.0-10.5    | 32-36     | N/C        |

|                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| What will be used to monitor the loss or gain of fluid? | PVT/PASON/Visual Monitoring |
|---------------------------------------------------------|-----------------------------|

## Spur Energy Partners LLC – Red Stripe 5 Federal Com 20H

## 7. Logging and Testing Procedures

| Logging, Coring and Testing. |                                                                                                                                                         |          |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Yes                          | Will run GR from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM. |          |
| No                           | Logs are planned based on well control or offset log information.                                                                                       |          |
| No                           | Drill stem test? If yes, explain                                                                                                                        |          |
| No                           | Coring? If yes, explain                                                                                                                                 |          |
| Additional logs planned      | Interval                                                                                                                                                |          |
| No                           | Resistivity                                                                                                                                             |          |
| No                           | Density                                                                                                                                                 |          |
| No                           | CBL                                                                                                                                                     |          |
| Yes                          | Mud log                                                                                                                                                 | ICP - TD |
| No                           | PEX                                                                                                                                                     |          |

## 8. Drilling Conditions

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

|                                                                                                                                                                                                                                                                                                                                                              |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Hydrogen Sulfide (H <sub>2</sub> S) monitors will be installed prior to drilling out the surface shoe. If H <sub>2</sub> S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM. |                                |
| N                                                                                                                                                                                                                                                                                                                                                            | H <sub>2</sub> S is present    |
| Y                                                                                                                                                                                                                                                                                                                                                            | H <sub>2</sub> S Plan attached |

Total estimated cuttings volume: 1022.3 bbls.

## Spur Energy Partners LLC – Red Stripe 5 Federal Com 20H

### 9. Other facets of operation

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes/No |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Will more than one drilling rig be used for drilling operations? If yes, describe. Spur Energy Partners LLC. requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Spur Energy Partners LLC. would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig. | Yes    |

#### Attachments

- ☒ Directional Plan
- ☒ H2S Contingency Plan
- ☒ Akita 57 Attachments
- ☒ BOP Schematics
- ☒ Transcend Spudder Rig Attachments

### 10. Company Personnel

| Name               | Title                            | Office Phone | Mobile Phone |
|--------------------|----------------------------------|--------------|--------------|
| Christopher Hollis | Drilling Manager                 | 832-930-8629 | 713-380-7754 |
| Johnny Nabors      | Senior Vice President Operations | 832-930-8502 | 281-904-8811 |



Company: Spur Energy Partners, LLC  
Project: Eddy County, NM (NAD 83 - NME)  
Site: Red Stripe 5 Fed Com  
Well: #20H  
Wellbore: Wellbore #1  
Rig: AKITA 57  
Design: PLAN #1 / 16:26, March 22 2022

WELL DETAILS: #20H

|                                    |       |           |           |            |              |
|------------------------------------|-------|-----------|-----------|------------|--------------|
| RKB = 20' @ 3723.00usft (AKITA 57) |       |           |           |            |              |
| 3703.00                            |       |           |           |            |              |
| +N/-S                              | +E/-W | Northing  | Easting   | Latitude   | Longitude    |
| 0.00                               | 0.00  | 680282.10 | 641816.30 | 32.8696888 | -104.0060697 |

SECTION DETAILS

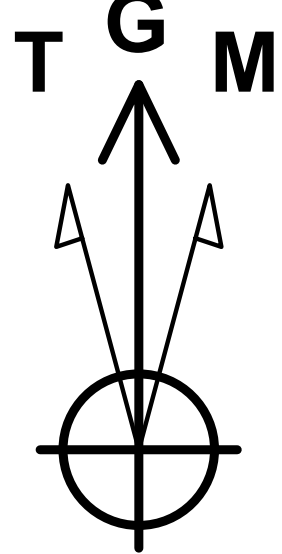
| Sec | MD       | Inc   | Azi   | TVD     | +N/-S | +E/-W   | Dleg  | VSect   |
|-----|----------|-------|-------|---------|-------|---------|-------|---------|
| 1   | 0.00     | 0.00  | 0.00  | 0.00    | 0.00  | 0.00    | 0.00  | 0.00    |
| 2   | 300.00   | 0.00  | 0.00  | 300.00  | 0.00  | 0.00    | 0.00  | 0.00    |
| 3   | 470.68   | 3.41  | 72.88 | 470.58  | 1.50  | 4.86    | 2.00  | 4.86    |
| 4   | 3646.41  | 3.41  | 72.88 | 3640.67 | 57.15 | 185.58  | 0.00  | 185.75  |
| 5   | 4592.07  | 60.00 | 89.83 | 4413.28 | 67.53 | 661.52  | 6.00  | 661.72  |
| 6   | 4792.07  | 60.00 | 89.83 | 4513.28 | 68.05 | 834.72  | 0.00  | 834.92  |
| 7   | 5085.37  | 89.33 | 89.83 | 4590.00 | 68.90 | 1114.50 | 10.00 | 1114.70 |
| 8   | 10167.14 | 89.33 | 89.83 | 4649.42 | 84.25 | 6195.90 | 0.00  | 6196.12 |
| 9   | 10217.15 | 89.33 | 89.83 | 4650.00 | 84.40 | 6245.90 | 0.00  | 6246.12 |

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.682°  
To convert a True Direction to a Grid Direction, Subtract 0.178°  
To convert a Magnetic Direction to a True Direction, Add 6.860° East  
Magnetic Declination: 6.860°  
Grid Convergence: 0.178° West  
Magnetic Dip Angle: 60.439°  
Magnetic Field Strength: 47890.00865669nT

PROJECT DETAILS: Eddy County, NM (NAD 83 - NME)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

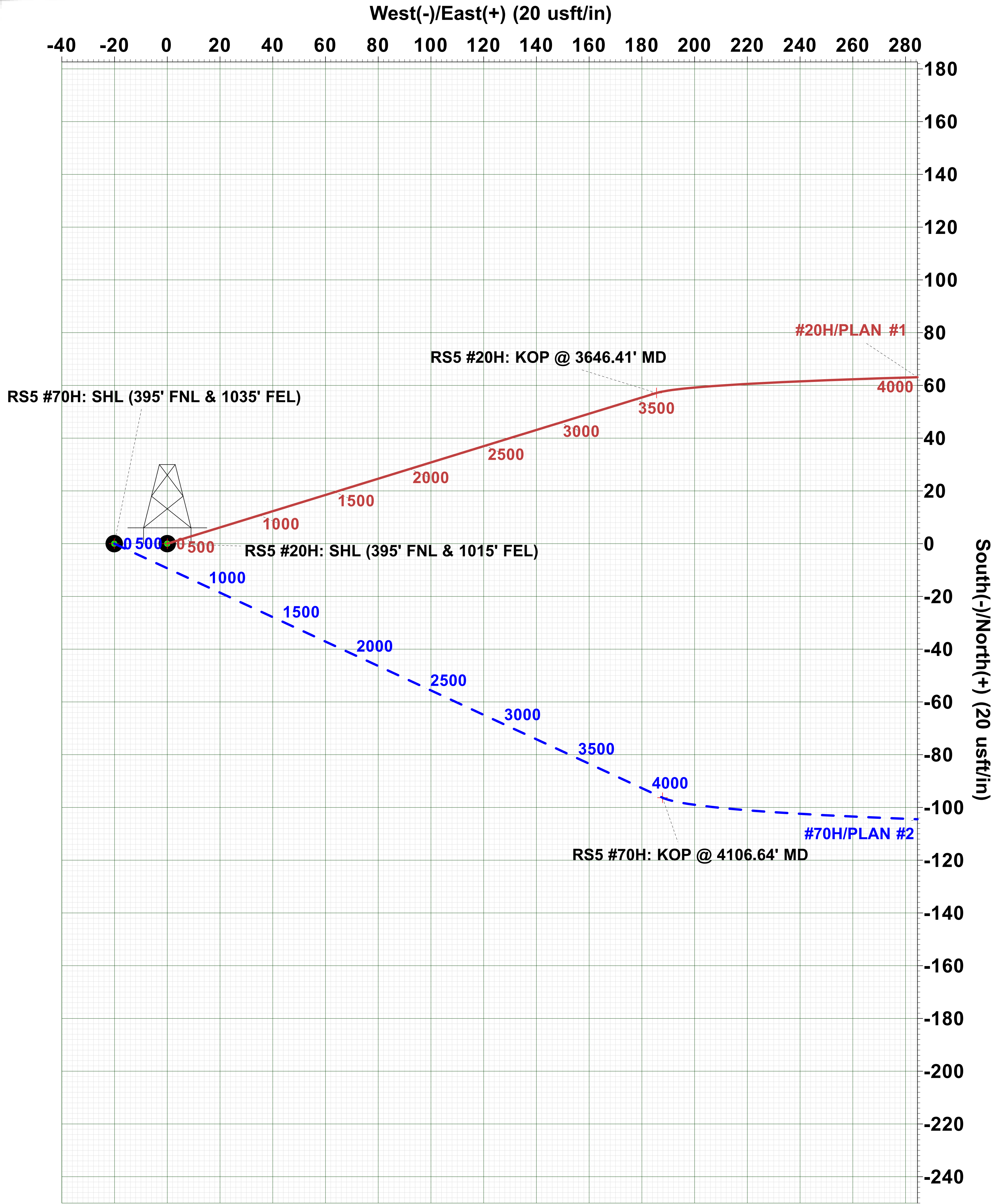
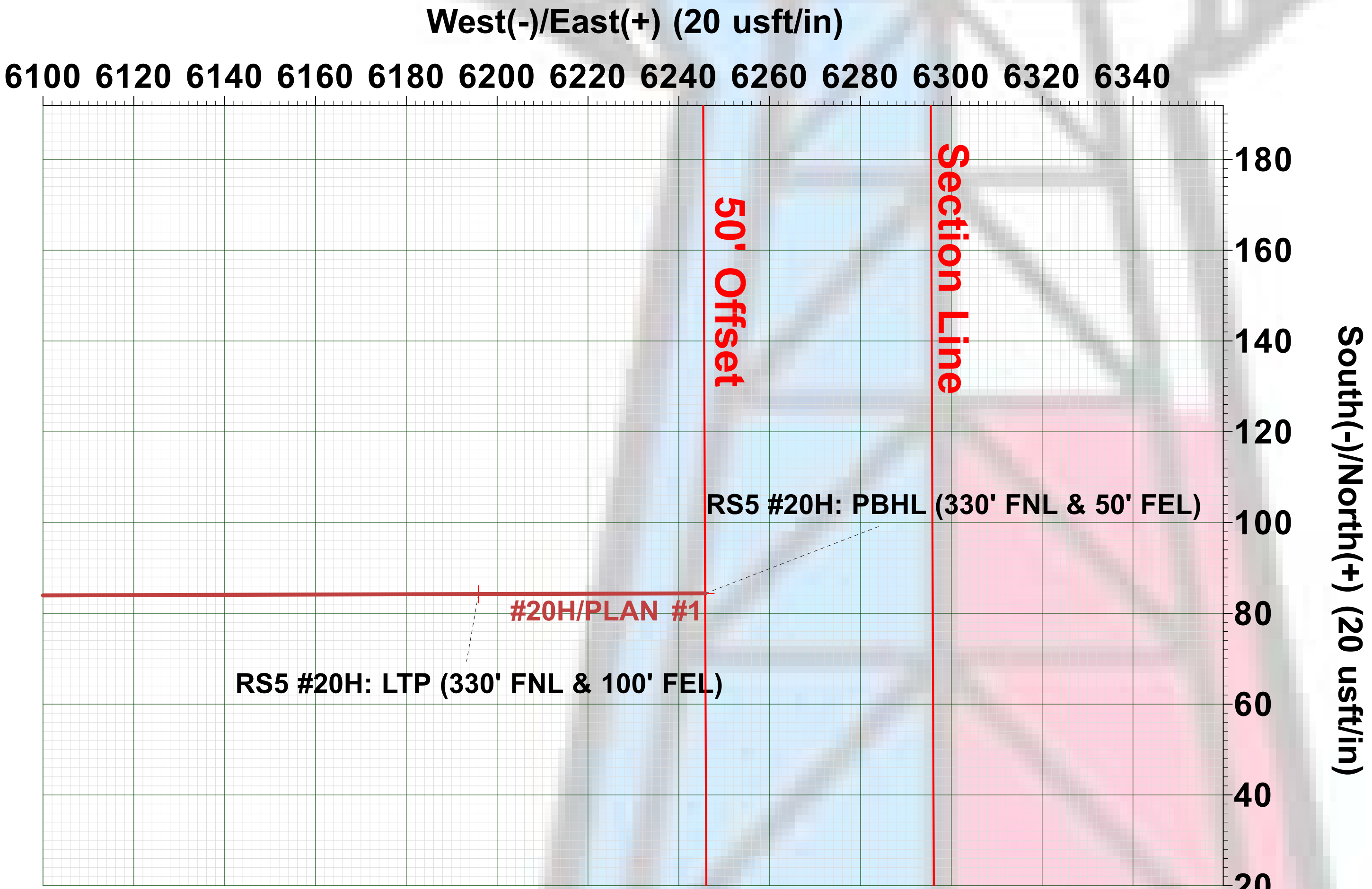
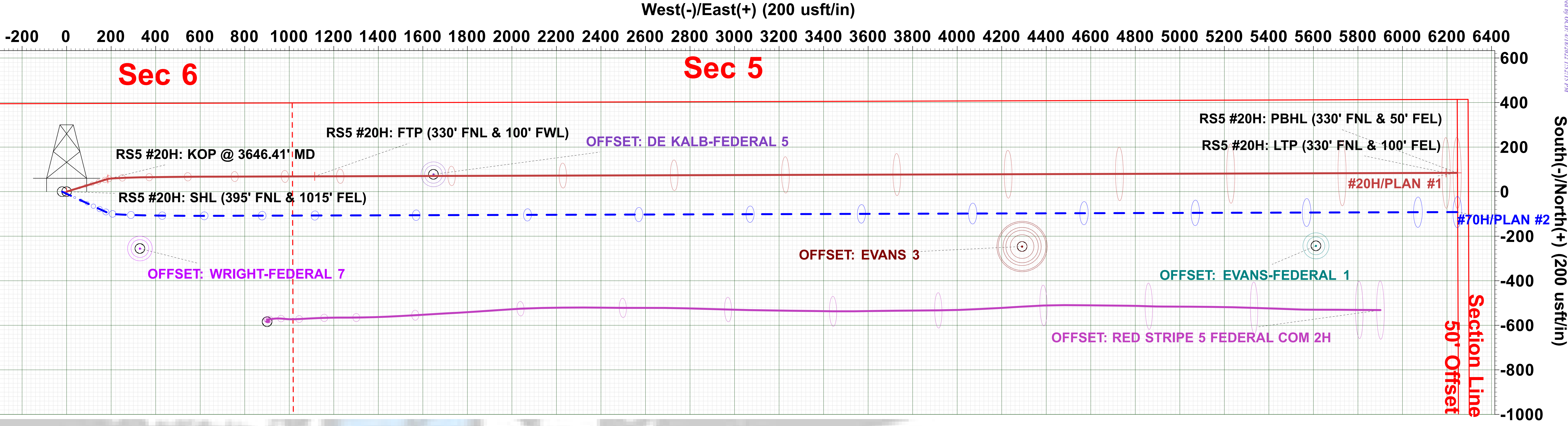


Azimuths to Grid North  
True North: -0.18°  
Magnetic North: 6.68°

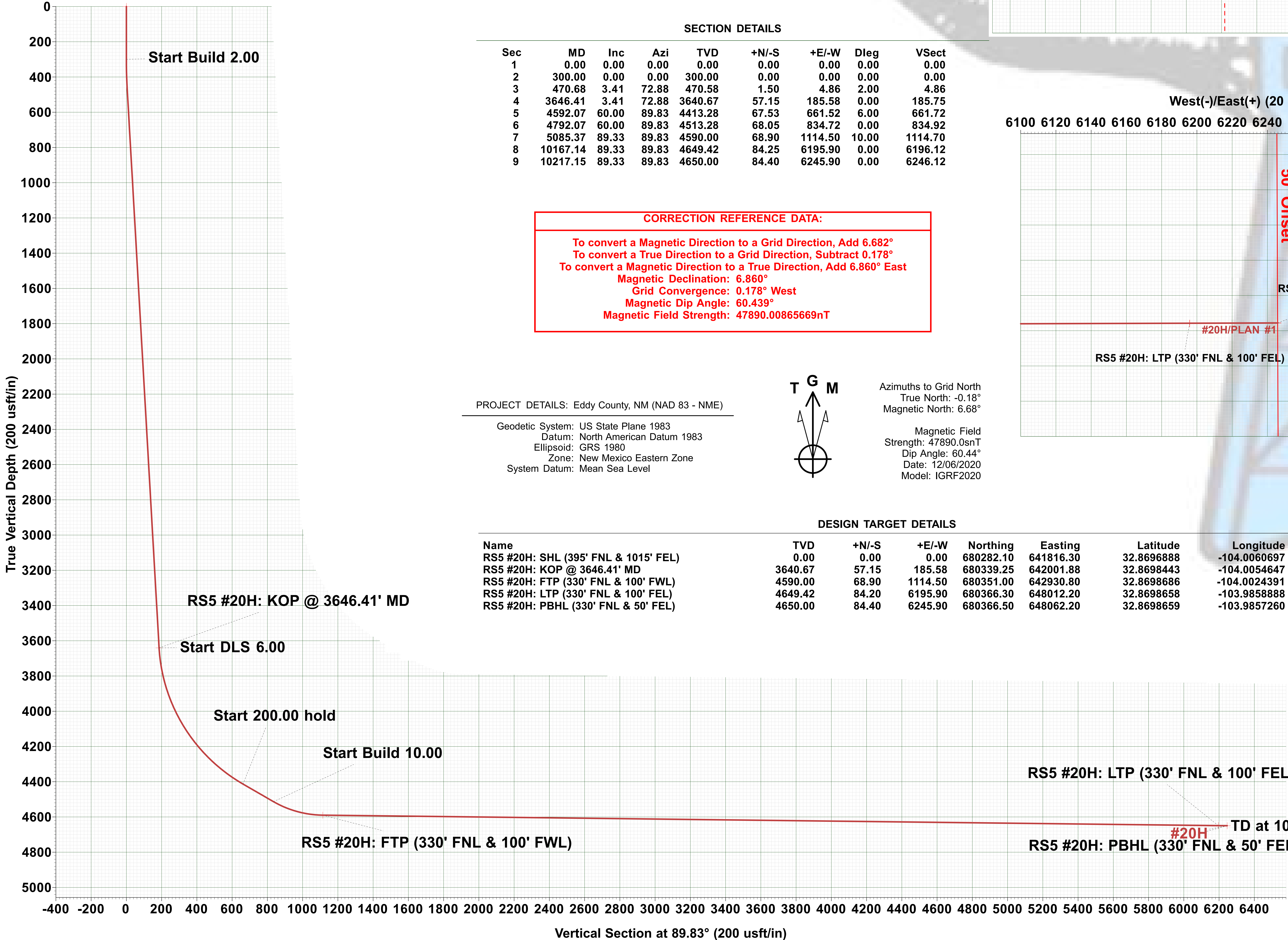
Magnetic Field  
Strength: 47890.0nT  
Dip Angle: 60.44°  
Date: 12/06/2020  
Model: IGRF2020

DESIGN TARGET DETAILS

| Name                                 | TVD     | +N/-S | +E/-W   | Northing  | Easting   | Latitude   | Longitude    |
|--------------------------------------|---------|-------|---------|-----------|-----------|------------|--------------|
| RS5 #20H: SHL (395' FNL & 1015' FEL) | 0.00    | 0.00  | 0.00    | 680282.10 | 641816.30 | 32.8696888 | -104.0060697 |
| RS5 #20H: KOP @ 3646.41' MD          | 3640.67 | 57.15 | 185.58  | 680339.25 | 642001.88 | 32.8698443 | -104.0054647 |
| RS5 #20H: FTP (330' FNL & 100' FWL)  | 4590.00 | 68.90 | 1114.50 | 680351.00 | 642930.80 | 32.8698686 | -104.0024391 |
| RS5 #20H: LTP (330' FNL & 100' FEL)  | 4649.42 | 84.20 | 6195.90 | 680366.30 | 648012.20 | 32.8698658 | -103.9858888 |
| RS5 #20H: PBHL (330' FNL & 50' FEL)  | 4650.00 | 84.40 | 6245.90 | 680366.50 | 648062.20 | 32.8698659 | -103.9857260 |



Disclaimer:  
All Plan Details, boundary  
lines and offset well  
location/ survey data is  
provided by customer and  
subject to customer  
approval.



Plan: PLAN #1 (#20H/Wellbore #1) AKITA 57

Created By: Derek Stephens Date: 16:27, March 22 2022



# **Spur Energy Partners, LLC**

**Eddy County, NM (NAD 83 - NME)**

**Red Stripe 5 Fed Com**

**#20H**

**Wellbore #1**

**Plan: PLAN #1**

## **Standard Planning Report**

**18 March, 2022**





## Planning Report



|                  |                                |                                     |                         |
|------------------|--------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | WBDS_SQL_2                     | <b>Local Co-ordinate Reference:</b> | Well #20H               |
| <b>Company:</b>  | Spur Energy Partners, LLC      | <b>TVD Reference:</b>               | RKB = 20' @ 3723.00usft |
| <b>Project:</b>  | Eddy County, NM (NAD 83 - NME) | <b>MD Reference:</b>                | RKB = 20' @ 3723.00usft |
| <b>Site:</b>     | Red Stripe 5 Fed Com           | <b>North Reference:</b>             | Grid                    |
| <b>Well:</b>     | #20H                           | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | Wellbore #1                    |                                     |                         |
| <b>Design:</b>   | PLAN #1                        |                                     |                         |

|                    |                                |                      |                |
|--------------------|--------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM (NAD 83 - NME) |                      |                |
| <b>Map System:</b> | US State Plane 1983            | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983      |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone        |                      |                |

| Site                  | Red Stripe 5 Fed Com |              |                 |                   |              |
|-----------------------|----------------------|--------------|-----------------|-------------------|--------------|
| Site Position:        |                      | Northing:    | 678,973.60 usft | Latitude:         | 32.8660913   |
| From:                 | Map                  | Easting:     | 641,935.90 usft | Longitude:        | -104.0056934 |
| Position Uncertainty: | 0.00 usft            | Slot Radius: | 13.200 in       | Grid Convergence: | 0.178        |

|                      |           |               |                     |                 |               |               |
|----------------------|-----------|---------------|---------------------|-----------------|---------------|---------------|
| Well                 | #20H      |               |                     |                 |               |               |
| Well Position        | +N/-S     | 1,308.50 usft | Northing:           | 680,282.10 usft | Latitude:     | 32.8696888    |
|                      | +E/-W     | -119.60 usft  | Easting:            | 641,816.30 usft | Longitude:    | -104.0060697  |
| Position Uncertainty | 0.00 usft |               | Wellhead Elevation: |                 | Ground Level: | 3,703.00 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 12/06/20           | 6.860                  | 60.439               | 47,890.00865669            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | PLAN #1                        |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 89.83                |

|                                 |                        |                          |                       |                       |
|---------------------------------|------------------------|--------------------------|-----------------------|-----------------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 03/18/22                 |                       |                       |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>      | <b>Remarks</b>        |
| 1                               | 0.00                   | 10,217.15                | PLAN #1 (Wellbore #1) | MWD+IGRF              |
|                                 |                        |                          |                       | OWSG MWD + IGRF or WM |

|                              |                        |                    |                              |                     |                     |                              |                             |                            |                |                   |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|------------------------------|-----------------------------|----------------------------|----------------|-------------------|
| <b>Plan Sections</b>         |                        |                    |                              |                     |                     |                              |                             |                            |                |                   |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</b> | <b>TFO (°)</b> | <b>Target</b>     |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                         | 0.00                        | 0.00                       | 0.000          |                   |
| 300.00                       | 0.00                   | 0.00               | 300.00                       | 0.00                | 0.00                | 0.00                         | 0.00                        | 0.00                       | 0.000          |                   |
| 470.68                       | 3.41                   | 72.88              | 470.58                       | 1.50                | 4.86                | 2.00                         | 2.00                        | 0.00                       | 72.885         |                   |
| 3,646.41                     | 3.41                   | 72.88              | 3,640.67                     | 57.15               | 185.58              | 0.00                         | 0.00                        | 0.00                       | 0.000          |                   |
| 4,592.07                     | 60.00                  | 89.83              | 4,413.28                     | 67.53               | 661.52              | 6.00                         | 5.98                        | 1.79                       | 17.566         |                   |
| 4,792.07                     | 60.00                  | 89.83              | 4,513.28                     | 68.05               | 834.72              | 0.00                         | 0.00                        | 0.00                       | 0.000          |                   |
| 5,085.37                     | 89.33                  | 89.83              | 4,590.00                     | 68.90               | 1,114.50            | 10.00                        | 10.00                       | 0.00                       | 0.000          | RS5 #20H: FTP (33 |
| 10,167.14                    | 89.33                  | 89.83              | 4,649.42                     | 84.25               | 6,195.90            | 0.00                         | 0.00                        | 0.00                       | 0.000          | RS5 #20H: LTP (33 |
| 10,217.15                    | 89.33                  | 89.83              | 4,650.00                     | 84.40               | 6,245.90            | 0.00                         | 0.00                        | 0.00                       | 0.000          | RS5 #20H: PBHL (3 |



## Planning Report



|                  |                                |                                     |                         |
|------------------|--------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | WBDS_SQL_2                     | <b>Local Co-ordinate Reference:</b> | Well #20H               |
| <b>Company:</b>  | Spur Energy Partners, LLC      | <b>TVD Reference:</b>               | RKB = 20' @ 3723.00usft |
| <b>Project:</b>  | Eddy County, NM (NAD 83 - NME) | <b>MD Reference:</b>                | RKB = 20' @ 3723.00usft |
| <b>Site:</b>     | Red Stripe 5 Fed Com           | <b>North Reference:</b>             | Grid                    |
| <b>Well:</b>     | #20H                           | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | Wellbore #1                    |                                     |                         |
| <b>Design:</b>   | PLAN #1                        |                                     |                         |

| Planned Survey                                  |                 |             |                       |              |              |                         |                       |                      |                     |
|-------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft)                           | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.00                                            | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                  | 0.00                 | 0.00                |
| <b>RS5 #20H: SHL (395' FNL &amp; 1015' FEL)</b> |                 |             |                       |              |              |                         |                       |                      |                     |
| 100.00                                          | 0.00            | 0.00        | 100.00                | 0.00         | 0.00         | 0.00                    | 0.00                  | 0.00                 | 0.00                |
| 200.00                                          | 0.00            | 0.00        | 200.00                | 0.00         | 0.00         | 0.00                    | 0.00                  | 0.00                 | 0.00                |
| 300.00                                          | 0.00            | 0.00        | 300.00                | 0.00         | 0.00         | 0.00                    | 0.00                  | 0.00                 | 0.00                |
| 400.00                                          | 2.00            | 72.88       | 399.98                | 0.51         | 1.67         | 1.67                    | 2.00                  | 2.00                 | 0.00                |
| 470.68                                          | 3.41            | 72.88       | 470.58                | 1.50         | 4.86         | 4.86                    | 2.00                  | 2.00                 | 0.00                |
| 500.00                                          | 3.41            | 72.88       | 499.85                | 2.01         | 6.53         | 6.53                    | 0.00                  | 0.00                 | 0.00                |
| 600.00                                          | 3.41            | 72.88       | 599.67                | 3.76         | 12.22        | 12.23                   | 0.00                  | 0.00                 | 0.00                |
| 700.00                                          | 3.41            | 72.88       | 699.49                | 5.51         | 17.91        | 17.92                   | 0.00                  | 0.00                 | 0.00                |
| 800.00                                          | 3.41            | 72.88       | 799.31                | 7.27         | 23.60        | 23.62                   | 0.00                  | 0.00                 | 0.00                |
| 900.00                                          | 3.41            | 72.88       | 899.14                | 9.02         | 29.29        | 29.32                   | 0.00                  | 0.00                 | 0.00                |
| 1,000.00                                        | 3.41            | 72.88       | 998.96                | 10.77        | 34.98        | 35.01                   | 0.00                  | 0.00                 | 0.00                |
| 1,100.00                                        | 3.41            | 72.88       | 1,098.78              | 12.52        | 40.67        | 40.71                   | 0.00                  | 0.00                 | 0.00                |
| 1,200.00                                        | 3.41            | 72.88       | 1,198.60              | 14.28        | 46.36        | 46.40                   | 0.00                  | 0.00                 | 0.00                |
| 1,300.00                                        | 3.41            | 72.88       | 1,298.43              | 16.03        | 52.05        | 52.10                   | 0.00                  | 0.00                 | 0.00                |
| 1,400.00                                        | 3.41            | 72.88       | 1,398.25              | 17.78        | 57.74        | 57.80                   | 0.00                  | 0.00                 | 0.00                |
| 1,500.00                                        | 3.41            | 72.88       | 1,498.07              | 19.53        | 63.43        | 63.49                   | 0.00                  | 0.00                 | 0.00                |
| 1,600.00                                        | 3.41            | 72.88       | 1,597.90              | 21.29        | 69.13        | 69.19                   | 0.00                  | 0.00                 | 0.00                |
| 1,700.00                                        | 3.41            | 72.88       | 1,697.72              | 23.04        | 74.82        | 74.88                   | 0.00                  | 0.00                 | 0.00                |
| 1,800.00                                        | 3.41            | 72.88       | 1,797.54              | 24.79        | 80.51        | 80.58                   | 0.00                  | 0.00                 | 0.00                |
| 1,900.00                                        | 3.41            | 72.88       | 1,897.36              | 26.54        | 86.20        | 86.28                   | 0.00                  | 0.00                 | 0.00                |
| 2,000.00                                        | 3.41            | 72.88       | 1,997.19              | 28.30        | 91.89        | 91.97                   | 0.00                  | 0.00                 | 0.00                |
| 2,100.00                                        | 3.41            | 72.88       | 2,097.01              | 30.05        | 97.58        | 97.67                   | 0.00                  | 0.00                 | 0.00                |
| 2,200.00                                        | 3.41            | 72.88       | 2,196.83              | 31.80        | 103.27       | 103.36                  | 0.00                  | 0.00                 | 0.00                |
| 2,300.00                                        | 3.41            | 72.88       | 2,296.65              | 33.55        | 108.96       | 109.06                  | 0.00                  | 0.00                 | 0.00                |
| 2,400.00                                        | 3.41            | 72.88       | 2,396.48              | 35.30        | 114.65       | 114.76                  | 0.00                  | 0.00                 | 0.00                |
| 2,500.00                                        | 3.41            | 72.88       | 2,496.30              | 37.06        | 120.34       | 120.45                  | 0.00                  | 0.00                 | 0.00                |
| 2,600.00                                        | 3.41            | 72.88       | 2,596.12              | 38.81        | 126.03       | 126.15                  | 0.00                  | 0.00                 | 0.00                |
| 2,700.00                                        | 3.41            | 72.88       | 2,695.94              | 40.56        | 131.72       | 131.84                  | 0.00                  | 0.00                 | 0.00                |
| 2,800.00                                        | 3.41            | 72.88       | 2,795.77              | 42.31        | 137.41       | 137.54                  | 0.00                  | 0.00                 | 0.00                |
| 2,900.00                                        | 3.41            | 72.88       | 2,895.59              | 44.07        | 143.11       | 143.24                  | 0.00                  | 0.00                 | 0.00                |
| 3,000.00                                        | 3.41            | 72.88       | 2,995.41              | 45.82        | 148.80       | 148.93                  | 0.00                  | 0.00                 | 0.00                |
| 3,100.00                                        | 3.41            | 72.88       | 3,095.23              | 47.57        | 154.49       | 154.63                  | 0.00                  | 0.00                 | 0.00                |
| 3,200.00                                        | 3.41            | 72.88       | 3,195.06              | 49.32        | 160.18       | 160.32                  | 0.00                  | 0.00                 | 0.00                |
| 3,300.00                                        | 3.41            | 72.88       | 3,294.88              | 51.08        | 165.87       | 166.02                  | 0.00                  | 0.00                 | 0.00                |
| 3,400.00                                        | 3.41            | 72.88       | 3,394.70              | 52.83        | 171.56       | 171.72                  | 0.00                  | 0.00                 | 0.00                |
| 3,500.00                                        | 3.41            | 72.88       | 3,494.52              | 54.58        | 177.25       | 177.41                  | 0.00                  | 0.00                 | 0.00                |
| 3,600.00                                        | 3.41            | 72.88       | 3,594.35              | 56.33        | 182.94       | 183.11                  | 0.00                  | 0.00                 | 0.00                |
| 3,646.41                                        | 3.41            | 72.88       | 3,640.67              | 57.15        | 185.58       | 185.75                  | 0.00                  | 0.00                 | 0.00                |
| <b>RS5 #20H: KOP @ 3646.41' MD</b>              |                 |             |                       |              |              |                         |                       |                      |                     |
| 3,650.00                                        | 3.62            | 73.91       | 3,644.26              | 57.21        | 185.79       | 185.96                  | 5.99                  | 5.73                 | 28.66               |
| 3,700.00                                        | 6.55            | 81.42       | 3,694.06              | 58.07        | 190.13       | 190.30                  | 6.00                  | 5.86                 | 15.01               |
| 3,750.00                                        | 9.53            | 84.27       | 3,743.56              | 58.91        | 197.07       | 197.24                  | 6.00                  | 5.95                 | 5.71                |
| 3,800.00                                        | 12.51           | 85.78       | 3,792.63              | 59.72        | 206.59       | 206.77                  | 6.00                  | 5.97                 | 3.01                |
| 3,850.00                                        | 15.50           | 86.71       | 3,841.14              | 60.51        | 218.67       | 218.84                  | 6.00                  | 5.98                 | 1.86                |
| 3,900.00                                        | 18.50           | 87.34       | 3,888.95              | 61.26        | 233.26       | 233.44                  | 6.00                  | 5.99                 | 1.27                |
| 3,950.00                                        | 21.49           | 87.81       | 3,935.93              | 61.98        | 250.34       | 250.53                  | 6.00                  | 5.99                 | 0.93                |
| 4,000.00                                        | 24.49           | 88.16       | 3,981.95              | 62.66        | 269.86       | 270.04                  | 6.00                  | 5.99                 | 0.71                |
| 4,050.00                                        | 27.49           | 88.44       | 4,026.89              | 63.31        | 291.76       | 291.94                  | 6.00                  | 5.99                 | 0.56                |
| 4,100.00                                        | 30.49           | 88.67       | 4,070.62              | 63.91        | 315.98       | 316.17                  | 6.00                  | 6.00                 | 0.46                |
| 4,150.00                                        | 33.48           | 88.86       | 4,113.03              | 64.48        | 342.45       | 342.64                  | 6.00                  | 6.00                 | 0.39                |
| 4,200.00                                        | 36.48           | 89.03       | 4,153.99              | 65.01        | 371.11       | 371.30                  | 6.00                  | 6.00                 | 0.33                |



## Planning Report



|                  |                                |                                     |                         |
|------------------|--------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | WBDS_SQL_2                     | <b>Local Co-ordinate Reference:</b> | Well #20H               |
| <b>Company:</b>  | Spur Energy Partners, LLC      | <b>TVD Reference:</b>               | RKB = 20' @ 3723.00usft |
| <b>Project:</b>  | Eddy County, NM (NAD 83 - NME) | <b>MD Reference:</b>                | RKB = 20' @ 3723.00usft |
| <b>Site:</b>     | Red Stripe 5 Fed Com           | <b>North Reference:</b>             | Grid                    |
| <b>Well:</b>     | #20H                           | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | Wellbore #1                    |                                     |                         |
| <b>Design:</b>   | PLAN #1                        |                                     |                         |

| Planned Survey                                 |                 |             |                       |              |              |                         |                       |                      |                     |
|------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft)                          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 4,250.00                                       | 39.48           | 89.17       | 4,193.39              | 65.49        | 401.88       | 402.07                  | 6.00                  | 6.00                 | 0.29                |
| 4,300.00                                       | 42.48           | 89.30       | 4,231.14              | 65.93        | 434.66       | 434.85                  | 6.00                  | 6.00                 | 0.25                |
| 4,350.00                                       | 45.48           | 89.41       | 4,267.11              | 66.32        | 469.37       | 469.57                  | 6.00                  | 6.00                 | 0.22                |
| 4,400.00                                       | 48.48           | 89.51       | 4,301.22              | 66.66        | 505.92       | 506.12                  | 6.00                  | 6.00                 | 0.20                |
| 4,450.00                                       | 51.48           | 89.60       | 4,333.37              | 66.96        | 544.21       | 544.40                  | 6.00                  | 6.00                 | 0.18                |
| 4,500.00                                       | 54.48           | 89.69       | 4,363.47              | 67.21        | 584.12       | 584.32                  | 6.00                  | 6.00                 | 0.17                |
| 4,550.00                                       | 57.48           | 89.76       | 4,391.45              | 67.40        | 625.56       | 625.76                  | 6.00                  | 6.00                 | 0.16                |
| 4,592.07                                       | 60.00           | 89.83       | 4,413.28              | 67.53        | 661.52       | 661.72                  | 6.00                  | 6.00                 | 0.15                |
| 4,600.00                                       | 60.00           | 89.83       | 4,417.24              | 67.55        | 668.38       | 668.58                  | 0.00                  | 0.00                 | 0.00                |
| 4,700.00                                       | 60.00           | 89.83       | 4,467.24              | 67.81        | 754.99       | 755.18                  | 0.00                  | 0.00                 | 0.00                |
| 4,792.07                                       | 60.00           | 89.83       | 4,513.28              | 68.05        | 834.72       | 834.92                  | 0.00                  | 0.00                 | 0.00                |
| 4,800.00                                       | 60.79           | 89.83       | 4,517.19              | 68.08        | 841.62       | 841.81                  | 10.00                 | 10.00                | 0.00                |
| 4,850.00                                       | 65.79           | 89.83       | 4,539.66              | 68.21        | 886.27       | 886.47                  | 10.00                 | 10.00                | 0.00                |
| 4,900.00                                       | 70.79           | 89.83       | 4,558.15              | 68.35        | 932.71       | 932.91                  | 10.00                 | 10.00                | 0.00                |
| 4,950.00                                       | 75.79           | 89.83       | 4,572.52              | 68.50        | 980.58       | 980.78                  | 10.00                 | 10.00                | 0.00                |
| 5,000.00                                       | 80.79           | 89.83       | 4,582.66              | 68.64        | 1,029.52     | 1,029.72                | 10.00                 | 10.00                | 0.00                |
| 5,050.00                                       | 85.79           | 89.83       | 4,588.50              | 68.79        | 1,079.17     | 1,079.37                | 10.00                 | 10.00                | 0.00                |
| 5,085.37                                       | 89.33           | 89.83       | 4,590.00              | 68.90        | 1,114.50     | 1,114.70                | 10.00                 | 10.00                | 0.00                |
| <b>RS5 #20H: FTP (330' FNL &amp; 100' FWL)</b> |                 |             |                       |              |              |                         |                       |                      |                     |
| 5,100.00                                       | 89.33           | 89.83       | 4,590.17              | 68.94        | 1,129.13     | 1,129.33                | 0.00                  | 0.00                 | 0.00                |
| 5,200.00                                       | 89.33           | 89.83       | 4,591.34              | 69.25        | 1,229.12     | 1,229.32                | 0.00                  | 0.00                 | 0.00                |
| 5,300.00                                       | 89.33           | 89.83       | 4,592.51              | 69.55        | 1,329.11     | 1,329.31                | 0.00                  | 0.00                 | 0.00                |
| 5,400.00                                       | 89.33           | 89.83       | 4,593.68              | 69.85        | 1,429.11     | 1,429.31                | 0.00                  | 0.00                 | 0.00                |
| 5,500.00                                       | 89.33           | 89.83       | 4,594.85              | 70.15        | 1,529.10     | 1,529.30                | 0.00                  | 0.00                 | 0.00                |
| 5,600.00                                       | 89.33           | 89.83       | 4,596.02              | 70.45        | 1,629.09     | 1,629.29                | 0.00                  | 0.00                 | 0.00                |
| 5,700.00                                       | 89.33           | 89.83       | 4,597.19              | 70.76        | 1,729.08     | 1,729.29                | 0.00                  | 0.00                 | 0.00                |
| 5,800.00                                       | 89.33           | 89.83       | 4,598.36              | 71.06        | 1,829.08     | 1,829.28                | 0.00                  | 0.00                 | 0.00                |
| 5,900.00                                       | 89.33           | 89.83       | 4,599.52              | 71.36        | 1,929.07     | 1,929.27                | 0.00                  | 0.00                 | 0.00                |
| 6,000.00                                       | 89.33           | 89.83       | 4,600.69              | 71.66        | 2,029.06     | 2,029.27                | 0.00                  | 0.00                 | 0.00                |
| 6,100.00                                       | 89.33           | 89.83       | 4,601.86              | 71.96        | 2,129.05     | 2,129.26                | 0.00                  | 0.00                 | 0.00                |
| 6,200.00                                       | 89.33           | 89.83       | 4,603.03              | 72.27        | 2,229.05     | 2,229.25                | 0.00                  | 0.00                 | 0.00                |
| 6,300.00                                       | 89.33           | 89.83       | 4,604.20              | 72.57        | 2,329.04     | 2,329.25                | 0.00                  | 0.00                 | 0.00                |
| 6,400.00                                       | 89.33           | 89.83       | 4,605.37              | 72.87        | 2,429.03     | 2,429.24                | 0.00                  | 0.00                 | 0.00                |
| 6,500.00                                       | 89.33           | 89.83       | 4,606.54              | 73.17        | 2,529.03     | 2,529.23                | 0.00                  | 0.00                 | 0.00                |
| 6,600.00                                       | 89.33           | 89.83       | 4,607.71              | 73.47        | 2,629.02     | 2,629.22                | 0.00                  | 0.00                 | 0.00                |
| 6,700.00                                       | 89.33           | 89.83       | 4,608.88              | 73.78        | 2,729.01     | 2,729.22                | 0.00                  | 0.00                 | 0.00                |
| 6,800.00                                       | 89.33           | 89.83       | 4,610.05              | 74.08        | 2,829.00     | 2,829.21                | 0.00                  | 0.00                 | 0.00                |
| 6,900.00                                       | 89.33           | 89.83       | 4,611.22              | 74.38        | 2,929.00     | 2,929.20                | 0.00                  | 0.00                 | 0.00                |
| 7,000.00                                       | 89.33           | 89.83       | 4,612.39              | 74.68        | 3,028.99     | 3,029.20                | 0.00                  | 0.00                 | 0.00                |
| 7,100.00                                       | 89.33           | 89.83       | 4,613.55              | 74.98        | 3,128.98     | 3,129.19                | 0.00                  | 0.00                 | 0.00                |
| 7,200.00                                       | 89.33           | 89.83       | 4,614.72              | 75.29        | 3,228.97     | 3,229.18                | 0.00                  | 0.00                 | 0.00                |
| 7,300.00                                       | 89.33           | 89.83       | 4,615.89              | 75.59        | 3,328.97     | 3,329.18                | 0.00                  | 0.00                 | 0.00                |
| 7,400.00                                       | 89.33           | 89.83       | 4,617.06              | 75.89        | 3,428.96     | 3,429.17                | 0.00                  | 0.00                 | 0.00                |
| 7,500.00                                       | 89.33           | 89.83       | 4,618.23              | 76.19        | 3,528.95     | 3,529.16                | 0.00                  | 0.00                 | 0.00                |
| 7,600.00                                       | 89.33           | 89.83       | 4,619.40              | 76.50        | 3,628.95     | 3,629.16                | 0.00                  | 0.00                 | 0.00                |
| 7,700.00                                       | 89.33           | 89.83       | 4,620.57              | 76.80        | 3,728.94     | 3,729.15                | 0.00                  | 0.00                 | 0.00                |
| 7,800.00                                       | 89.33           | 89.83       | 4,621.74              | 77.10        | 3,828.93     | 3,829.14                | 0.00                  | 0.00                 | 0.00                |
| 7,900.00                                       | 89.33           | 89.83       | 4,622.91              | 77.40        | 3,928.92     | 3,929.14                | 0.00                  | 0.00                 | 0.00                |
| 8,000.00                                       | 89.33           | 89.83       | 4,624.08              | 77.70        | 4,028.92     | 4,029.13                | 0.00                  | 0.00                 | 0.00                |
| 8,100.00                                       | 89.33           | 89.83       | 4,625.25              | 78.01        | 4,128.91     | 4,129.12                | 0.00                  | 0.00                 | 0.00                |
| 8,200.00                                       | 89.33           | 89.83       | 4,626.42              | 78.31        | 4,228.90     | 4,229.12                | 0.00                  | 0.00                 | 0.00                |
| 8,300.00                                       | 89.33           | 89.83       | 4,627.59              | 78.61        | 4,328.89     | 4,329.11                | 0.00                  | 0.00                 | 0.00                |
| 8,400.00                                       | 89.33           | 89.83       | 4,628.75              | 78.91        | 4,428.89     | 4,429.10                | 0.00                  | 0.00                 | 0.00                |
| 8,500.00                                       | 89.33           | 89.83       | 4,629.92              | 79.21        | 4,528.88     | 4,529.10                | 0.00                  | 0.00                 | 0.00                |



## Planning Report



|                  |                                |                                     |                         |
|------------------|--------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | WBDS_SQL_2                     | <b>Local Co-ordinate Reference:</b> | Well #20H               |
| <b>Company:</b>  | Spur Energy Partners, LLC      | <b>TVD Reference:</b>               | RKB = 20' @ 3723.00usft |
| <b>Project:</b>  | Eddy County, NM (NAD 83 - NME) | <b>MD Reference:</b>                | RKB = 20' @ 3723.00usft |
| <b>Site:</b>     | Red Stripe 5 Fed Com           | <b>North Reference:</b>             | Grid                    |
| <b>Well:</b>     | #20H                           | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | Wellbore #1                    |                                     |                         |
| <b>Design:</b>   | PLAN #1                        |                                     |                         |

| Planned Survey                                 |                 |             |                       |              |              |                         |                       |                      |                     |  |
|------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft)                          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 8,600.00                                       | 89.33           | 89.83       | 4,631.09              | 79.52        | 4,628.87     | 4,629.09                | 0.00                  | 0.00                 | 0.00                |  |
| 8,700.00                                       | 89.33           | 89.83       | 4,632.26              | 79.82        | 4,728.87     | 4,729.08                | 0.00                  | 0.00                 | 0.00                |  |
| 8,800.00                                       | 89.33           | 89.83       | 4,633.43              | 80.12        | 4,828.86     | 4,829.07                | 0.00                  | 0.00                 | 0.00                |  |
| 8,900.00                                       | 89.33           | 89.83       | 4,634.60              | 80.42        | 4,928.85     | 4,929.07                | 0.00                  | 0.00                 | 0.00                |  |
| 9,000.00                                       | 89.33           | 89.83       | 4,635.77              | 80.72        | 5,028.84     | 5,029.06                | 0.00                  | 0.00                 | 0.00                |  |
| 9,100.00                                       | 89.33           | 89.83       | 4,636.94              | 81.03        | 5,128.84     | 5,129.05                | 0.00                  | 0.00                 | 0.00                |  |
| 9,200.00                                       | 89.33           | 89.83       | 4,638.11              | 81.33        | 5,228.83     | 5,229.05                | 0.00                  | 0.00                 | 0.00                |  |
| 9,300.00                                       | 89.33           | 89.83       | 4,639.28              | 81.63        | 5,328.82     | 5,329.04                | 0.00                  | 0.00                 | 0.00                |  |
| 9,400.00                                       | 89.33           | 89.83       | 4,640.45              | 81.93        | 5,428.81     | 5,429.03                | 0.00                  | 0.00                 | 0.00                |  |
| 9,500.00                                       | 89.33           | 89.83       | 4,641.62              | 82.23        | 5,528.81     | 5,529.03                | 0.00                  | 0.00                 | 0.00                |  |
| 9,600.00                                       | 89.33           | 89.83       | 4,642.78              | 82.54        | 5,628.80     | 5,629.02                | 0.00                  | 0.00                 | 0.00                |  |
| 9,700.00                                       | 89.33           | 89.83       | 4,643.95              | 82.84        | 5,728.79     | 5,729.01                | 0.00                  | 0.00                 | 0.00                |  |
| 9,800.00                                       | 89.33           | 89.83       | 4,645.12              | 83.14        | 5,828.79     | 5,829.01                | 0.00                  | 0.00                 | 0.00                |  |
| 9,900.00                                       | 89.33           | 89.83       | 4,646.29              | 83.44        | 5,928.78     | 5,929.00                | 0.00                  | 0.00                 | 0.00                |  |
| 10,000.00                                      | 89.33           | 89.83       | 4,647.46              | 83.74        | 6,028.77     | 6,028.99                | 0.00                  | 0.00                 | 0.00                |  |
| 10,100.00                                      | 89.33           | 89.83       | 4,648.63              | 84.05        | 6,128.76     | 6,128.99                | 0.00                  | 0.00                 | 0.00                |  |
| 10,167.14                                      | 89.33           | 89.83       | 4,649.42              | 84.25        | 6,195.90     | 6,196.12                | 0.00                  | 0.00                 | 0.00                |  |
| <b>RS5 #20H: LTP (330' FNL &amp; 100' FEL)</b> |                 |             |                       |              |              |                         |                       |                      |                     |  |
| 10,200.00                                      | 89.33           | 89.83       | 4,649.80              | 84.35        | 6,228.76     | 6,228.98                | 0.00                  | 0.00                 | 0.00                |  |
| 10,217.15                                      | 89.33           | 89.83       | 4,650.00              | 84.40        | 6,245.90     | 6,246.12                | 0.00                  | 0.00                 | 0.00                |  |
| <b>RS5 #20H: PBHL (330' FNL &amp; 50' FEL)</b> |                 |             |                       |              |              |                         |                       |                      |                     |  |

| Design Targets                                                                                                                 |               |              |            |              |              |                 |                |            |              |  |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------|--------------|--|
| Target Name<br>- hit/miss target<br>- Shape                                                                                    | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude   | Longitude    |  |
| RS5 #20H: SHL (395'<br>- plan hits target center<br>- Point                                                                    | 0.00          | 0.00         | 0.00       | 0.00         | 0.00         | 680,282.10      | 641,816.30     | 32.8696888 | -104.0060697 |  |
| RS5 #20H: KOP @ 36'<br>- plan hits target center<br>- Point                                                                    | 0.00          | 0.00         | 3,640.67   | 57.15        | 185.58       | 680,339.25      | 642,001.88     | 32.8698443 | -104.0054647 |  |
| RS5 #20H: FTP (330'<br>- plan hits target center<br>- Point                                                                    | 0.00          | 0.00         | 4,590.00   | 68.90        | 1,114.50     | 680,351.00      | 642,930.80     | 32.8698686 | -104.0024391 |  |
| RS5 #20H: LTP (330'<br>- plan misses target center by 0.05usft at 10167.14usft MD (4649.42 TVD, 84.25 N, 6195.90 E)<br>- Point | 0.00          | 0.00         | 4,649.42   | 84.20        | 6,195.90     | 680,366.30      | 648,012.20     | 32.8698658 | -103.9858888 |  |
| RS5 #20H: PBHL (330'<br>- plan hits target center<br>- Point                                                                   | 0.00          | 0.00         | 4,650.00   | 84.40        | 6,245.90     | 680,366.50      | 648,062.20     | 32.8698659 | -103.9857260 |  |

**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**

COMMENTS  
  
Action 99448

COMMENTS

|                                                                                 |                                                      |
|---------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                     |
|                                                                                 | Action Number:<br>99448                              |
|                                                                                 | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

COMMENTS

| Created By | Comment                                                   | Comment Date |
|------------|-----------------------------------------------------------|--------------|
| kpickford  | Defining well 30-015-49229 RED STRIPE 5 FEDERAL COM #050H | 4/20/2022    |

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**State of New Mexico**  
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**Santa Fe, NM 87505**

CONDITIONS

Action 99448

**CONDITIONS**

|                                                                                 |                                                      |
|---------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                     |
|                                                                                 | Action Number:<br>99448                              |
|                                                                                 | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

**CONDITIONS**

| Created By | Condition                                                                                                     | Condition Date |
|------------|---------------------------------------------------------------------------------------------------------------|----------------|
| kpickford  | • NSL Will require an administrative order for non-standard location prior to placing the well on production. | 4/20/2022      |
| kpickford  | Adhere to previous NMOCD Conditions of Approval                                                               | 4/20/2022      |