

|                                             |                                                                           |                                               |
|---------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------|
| <b>Well Name:</b> BETONNIE TSOSIE WASH UNIT | <b>Well Location:</b> T23N / R8W / SEC 10 / NESE / 36.241134 / 107.661722 | <b>County or Parish/State:</b> SAN JUAN / NM  |
| <b>Well Number:</b> 731H                    | <b>Type of Well:</b> OIL WELL                                             | <b>Allottee or Tribe Name:</b> EASTERN NAVAJO |
| <b>Lease Number:</b> NMNM76842              | <b>Unit or CA Name:</b>                                                   | <b>Unit or CA Number:</b> NMNM135219A         |
| <b>US Well Number:</b> 3004535511           | <b>Well Status:</b> Drilling Well                                         | <b>Operator:</b> DJR OPERATING LLC            |

Notice of Intent

|                                                       |                                     |
|-------------------------------------------------------|-------------------------------------|
| <b>Type of Submission:</b> Notice of Intent           | <b>Type of Action</b> Other         |
| <b>Date Sundry Submitted:</b> 04/14/2021              | <b>Time Sundry Submitted:</b> 11:31 |
| <b>Date proposed operation will begin:</b> 04/14/2021 |                                     |

**Procedure Description:** DJR Operating, LLC has an approved APD for the subject well which is part of DJR's undivided North Alamito Unit. In order to avoid well communication with two existing laterals on a neighboring pad DJR submits this sundry to change original drilling plan. Attached please find: - Updated C-102 Well Location and Dedication Plat reflecting revised BHL - Revised Drilling Plan - Revised Casing and Cement Assumptions - Revised Standard Planning Report - Revised Anti-Collision Report

Surface Disturbance

**Is any additional surface disturbance proposed?:** No

NOI Attachments

Procedure Description

- BTWU\_731H\_C102\_Well\_Plat\_20210414113114.pdf
- BTWU\_731H\_ACR\_Rev3\_20210414113114.pdf
- BTWU\_731H\_SPR\_Rev3\_20210414113113.pdf
- BTWU\_731H\_DPR\_Rev3\_20210414113113.pdf

|                                             |                                                                           |                                               |
|---------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------|
| <b>Well Name:</b> BETONNIE TSOSIE WASH UNIT | <b>Well Location:</b> T23N / R8W / SEC 10 / NESE / 36.241134 / 107.661722 | <b>County or Parish/State:</b> SAIN JUAN / NM |
| <b>Well Number:</b> 731H                    | <b>Type of Well:</b> OIL WELL                                             | <b>Allottee or Tribe Name:</b> EASTERN NAVAJO |
| <b>Lease Number:</b> NMNM76842              | <b>Unit or CA Name:</b>                                                   | <b>Unit or CA Number:</b> NMNM135219A         |
| <b>US Well Number:</b> 3004535511           | <b>Well Status:</b> Drilling Well                                         | <b>Operator:</b> DJR OPERATING LLC            |

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> SHAW-MARIE FORD | <b>Signed on:</b> APR 14, 2021 11:31 AM |
| <b>Name:</b> DJR OPERATING LLC                        |                                         |
| <b>Title:</b> Regulatory Specialist                   |                                         |
| <b>Street Address:</b> 1 Road 3263                    |                                         |
| <b>City:</b> Aztec                                    | <b>State:</b> NM                        |
| <b>Phone:</b> (505) 632-3476                          |                                         |
| <b>Email address:</b> sford@djrlc.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> VIRGIL S LUCERO | <b>BLM POC Title:</b> PET                     |
| <b>BLM POC Phone:</b> 5055647752     | <b>BLM POC Email Address:</b> VLUCERO@BLM.GOV |
| <b>Disposition:</b> Approved         | <b>Disposition Date:</b> 05/13/2021           |
| <b>Signature:</b> Virgil Lucero      |                                               |

**DISTRICT I**

1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

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**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

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |                                                         |                                                                     |
|----------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|
| <sup>1</sup> API Number          | <sup>2</sup> Pool Code<br>98175                         | <sup>3</sup> Pool Name<br>BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>BETONNIE TSOSIE WASH UNIT | <sup>6</sup> Well Number<br>731H                                    |
| <sup>7</sup> OGRID No.<br>371838 | <sup>8</sup> Operator Name<br>DJR OPERATING, LLC        | <sup>9</sup> Elevation<br>6933'                                     |

<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   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| I             | 10      | 23N      | 8W    |         | 2490'         | SOUTH            | 508'          | EAST           | SAN JUAN |

<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   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| J             | 13      | 23N      | 8W    |         | 2073'         | SOUTH            | 2362'         | EAST           | SAN JUAN |

<sup>12</sup> Dedicated Acres PENETRATED SPACING UNIT:  
SEC. 11: SW/NW, SE/NW, NE/SW, NW/SE, SW/SE,  
& SE/SE (240 AC.); SEC. 14: NE/NE (40 AC.);  
SEC. 13: NW/4, SW/NE, NE/SW, & NW/SE (280  
AC.) = 560 ACRES TOTAL

<sup>13</sup> Joint or Infill<sup>14</sup> Consolidation Code<sup>16</sup> Order No.

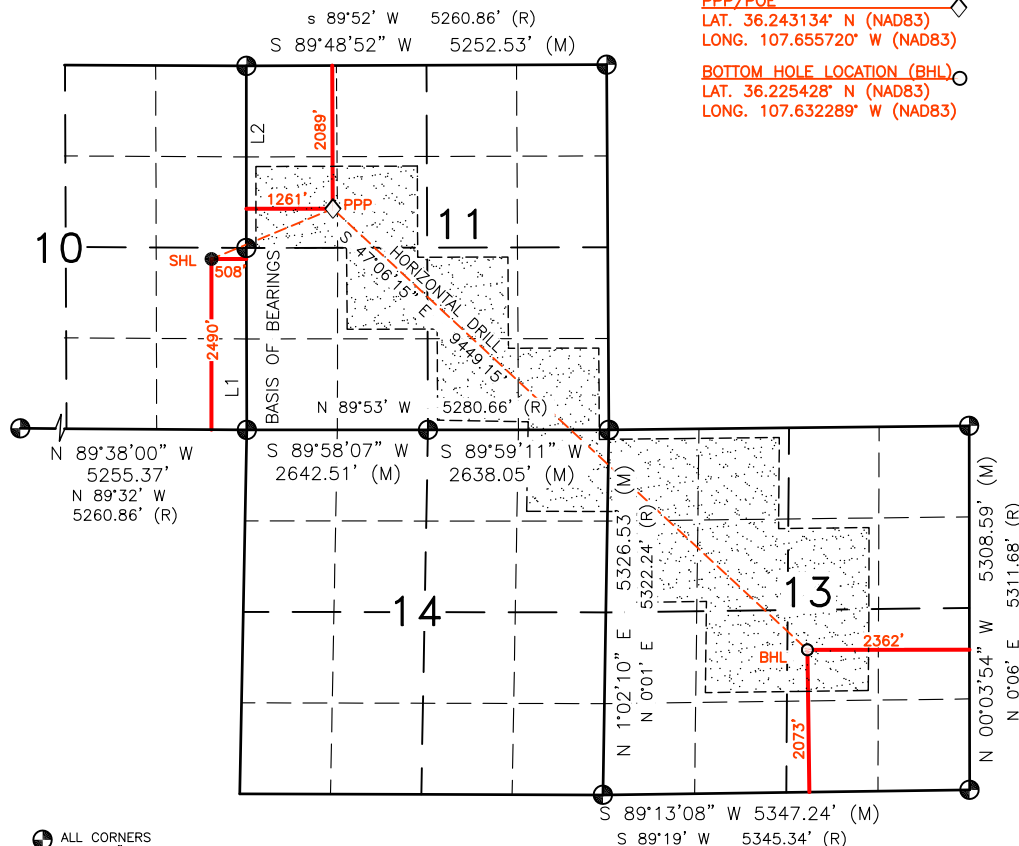
R-13930, R-13930A

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

16

## LINE TABLE

L1: N 00°09'22" W 2653.00'  
L2: N 00°01'25" E 2655.84'  
N 0°04' W 5304.42' (R)



ALL CORNERS  
FND 2.5" BC  
GLO 1947

18

## 17 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.

Shaw-Marie Ford 4/14/21  
Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.com

E-mail 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.

AUGUST 16, 2013

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393

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Revised August 1, 2011

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.  
Santa Fe, NM 87505

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☐ AMENDED REPORT

DJR OPERATING, LLC  
BETONNIE TSOSIE WASH UNIT #731H

**PENETRATED SPACING UNIT;**

SEC. 11: SW/NW, SE/NW, NE/SW, NW/SE, SW/SE, & SE/SE  
(240 AC.); SEC 14: NE/NE (40 AC.); SEC 13: NW/4,  
SW/NE, NE/SW, & NW/SE (280 AC.) = 560 ACRES TOTAL  
13,137.00 ACRES - ALL SEC 18, T23N, R7W;  
ALL 11, 13, 14, 21-23, 26-28, 33-35, T23N, R8W; ALL 3-5, 7, 8, 10,  
6 (E/2 & SW/4), 9 (E/2 & NW/4), T22N R8W - UNDIVIDED UNIT

**NW CORNER SEC 11**

LAT. 36.248866° N (NAD83)  
LONG. 107.659979° W (NAD83)

**W/4 CORNER SEC 11**

LAT. 36.241571° N (NAD83)  
LONG. 107.660000° W (NAD83)

**SW CORNER SEC 11**

LAT. 36.234283° N (NAD83)  
LONG. 107.659990° W (NAD83)

**S/4 CORNER SEC 11**

LAT. 36.234273° N (NAD83)  
LONG. 107.651030° W (NAD83)

**NW CORNER SEC 13**

LAT. 36.234261° N (NAD83)  
LONG. 107.642085° W (NAD83)

**SW CORNER SEC 13**

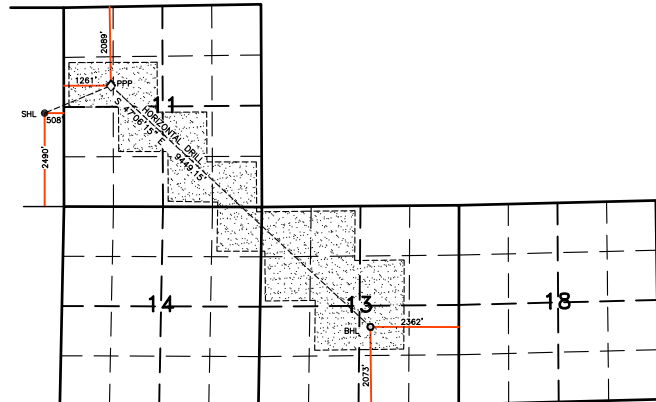
LAT. 36.219637° N (NAD83)  
LONG. 107.642417° W (NAD83)

**NE CORNER SEC 13**

LAT. 36.234390° N (NAD83)  
LONG. 107.624271° W (NAD83)

**SE CORNER SEC 13**

LAT. 36.219807° N (NAD83)  
LONG. 107.624290° W (NAD83)



R 8 W  
R 7 W

T 23 N  
T 22 N

**SURFACE LOCATION (SHL)**

LAT. 36.241134° N (NAD83)  
LONG. 107.661722° W (NAD83)

**PPP/POE**

LAT. 36.243134° N (NAD83)  
LONG. 107.655720° W (NAD83)

**BOTTOM HOLE LOCATION (BHL)**

LAT. 36.225428° N (NAD83)  
LONG. 107.632289° W (NAD83)

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## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

## BLANCO WASH UNIT #731H

☐ AMENDED REPORT

4734.09 LINEAR FEET OF WELLBORE WITHIN  
NMNM 076842

LOCATED IN THE SW/NW, SE/NW, NE/SW, NW/SE,  
SW/SE & SE/SE OF SECTION 11,  
T23N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

| WELLBORE | NS-FOOT | NS INDICATOR | EW-FOOT | EW INDICATOR | LATITUDE     | LONGITUDE     |
|----------|---------|--------------|---------|--------------|--------------|---------------|
| FROM     | 2089    | FNL          | 1261    | FWL          | 36.243134° N | 107.655720° W |
| TO       | 0       | FSL          | 559     | FEL          | 36.234264° N | 107.643980° W |

751.29 LINEAR FEET OF WELLBORE WITHIN  
NMNM 076842

LOCATED IN THE NE/NE OF SECTION 14,  
T23N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

| WELLBORE | NS-FOOT | NS INDICATOR | EW-FOOT | EW INDICATOR | LATITUDE     | LONGITUDE     |
|----------|---------|--------------|---------|--------------|--------------|---------------|
| FROM     | 0       | FNL          | 559     | FEL          | 36.234264° N | 107.643980° W |
| TO       | 512     | FNL          | 0       | FEL          | 36.232856° N | 107.642117° W |

3963.77 LINEAR FEET OF WELLBORE WITHIN  
NMNM 118132

LOCATED IN THE NW/NW, SW/NW, SE/NW, NE/SW  
& NW/SE OF SECTION 13,  
T23N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

| WELLBORE | NS-FOOT | NS INDICATOR | EW-FOOT | EW INDICATOR | LATITUDE     | LONGITUDE     |
|----------|---------|--------------|---------|--------------|--------------|---------------|
| FROM     | 512     | FNL          | 0       | FWL          | 36.232856° N | 107.642117° W |
| TO       | 2073    | FSL          | 2362    | FEL          | 36.225428° N | 107.632289° W |



## **DJR Operating**

**Betonnies Tsosie Unit**

**I10 2308 Pad**

**# 731H**

**Original drilling**

**APD Rev 3**

## **Anticollision Report**

**12 April, 2021**





# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                     |                                                                     |                       |                     |
|-------------------------------------|---------------------------------------------------------------------|-----------------------|---------------------|
| <b>Reference</b>                    | APD Rev 3                                                           |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | Stations                                                            | <b>Error Model:</b>   | ISCWSA              |
| <b>Depth Range:</b>                 | Unlimited                                                           | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum centre distance of 10,000ft                                 | <b>Error Surface:</b> | Pedal Curve         |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma                                                          | <b>Casing Method:</b> | Not applied         |

|                            |                       |                               |                  |                        |
|----------------------------|-----------------------|-------------------------------|------------------|------------------------|
| <b>Survey Tool Program</b> | <b>Date</b> 4/12/2021 |                               |                  |                        |
| <b>From (ft)</b>           | <b>To (ft)</b>        | <b>Survey (Wellbore)</b>      | <b>Tool Name</b> | <b>Description</b>     |
| 0                          | 15,473                | APD Rev 3 (Original drilling) | MWD+IGRF         | OWSG MWD + IGRF or WMM |

|                                              |                                      |                                   |                                      |                                       |                          |                |
|----------------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|---------------------------------------|--------------------------|----------------|
| <b>Summary</b>                               |                                      |                                   |                                      |                                       |                          |                |
| <b>Site Name</b>                             | <b>Reference Measured Depth (ft)</b> | <b>Offset Measured Depth (ft)</b> | <b>Distance Between Centres (ft)</b> | <b>Distance Between Ellipses (ft)</b> | <b>Separation Factor</b> | <b>Warning</b> |
| <b>Offset Well - Wellbore - Design</b>       |                                      |                                   |                                      |                                       |                          |                |
| I10 2308 Pad                                 |                                      |                                   |                                      |                                       |                          |                |
| # 110H - Original drilling - APD             | 400                                  | 389                               | 60                                   | 58                                    | 25.015 CC                |                |
| # 110H - Original drilling - APD             | 500                                  | 489                               | 61                                   | 57                                    | 19.455 ES                |                |
| # 110H - Original drilling - APD             | 15,473                               | 14,791                            | 1445                                 | 945                                   | 2.888 SF                 |                |
| # 110H - Original drilling - APD Rev 3       | 400                                  | 400                               | 60                                   | 58                                    | 24.811 CC                |                |
| # 110H - Original drilling - APD Rev 3       | 500                                  | 500                               | 61                                   | 58                                    | 19.406 ES                |                |
| # 110H - Original drilling - APD Rev 3       | 15,473                               | 14,897                            | 1191                                 | 684                                   | 2.347 SF                 |                |
| # 110H - Original drilling - Pre-Drill       | 400                                  | 389                               | 60                                   | 58                                    | 25.015 CC                |                |
| # 110H - Original drilling - Pre-Drill       | 500                                  | 488                               | 61                                   | 58                                    | 19.507 ES                |                |
| # 110H - Original drilling - Pre-Drill       | 15,473                               | 14,984                            | 1523                                 | 1002                                  | 2.925 SF                 |                |
| # 110H - Original drilling - Pre-Drill Rev 1 | 400                                  | 400                               | 60                                   | 58                                    | 24.811 CC, ES            |                |
| # 110H - Original drilling - Pre-Drill Rev 1 | 15,473                               | 14,995                            | 1523                                 | 1002                                  | 2.925 SF                 |                |
| M11 2308 Pad                                 |                                      |                                   |                                      |                                       |                          |                |
| # 108H - Original drilling - As Drilled      | 3226                                 | 3722                              | 1908                                 | 1873                                  | 55.248 CC                |                |
| # 108H - Original drilling - As Drilled      | 3500                                 | 4002                              | 1909                                 | 1872                                  | 51.718 ES                |                |
| # 108H - Original drilling - As Drilled      | 15,000                               | 13,675                            | 3058                                 | 2622                                  | 7.016 SF                 |                |
| # 728H - Original drilling - As Drilled      | 400                                  | 361                               | 2248                                 | 2236                                  | 191.306 CC               |                |
| # 728H - Original drilling - As Drilled      | 500                                  | 445                               | 2248                                 | 2235                                  | 165.034 ES               |                |
| # 728H - Original drilling - As Drilled      | 15,300                               | 12,047                            | 4228                                 | 3807                                  | 10.041 SF                |                |

|                            |                                                 |                            |                            |                               |                    |                              |                   |                       |                             |                              |                                |                          |                           |      |
|----------------------------|-------------------------------------------------|----------------------------|----------------------------|-------------------------------|--------------------|------------------------------|-------------------|-----------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b>      | I10 2308 Pad - # 110H - Original drilling - APD |                            |                            |                               |                    |                              |                   |                       |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b>     | 0-MWD+IGRF                                      |                            |                            |                               |                    |                              |                   |                       |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>           | <b>Offset</b>                                   | <b>Semi Major Axis</b>     |                            | <b>Offset Wellbore Centre</b> |                    | <b>Distance</b>              |                   | <b>Rule Assigned:</b> |                             | <b>Warning</b>               |                                |                          |                           |      |
| <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b>                      | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b>         | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>     | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 0                          | 0                                               | 0                          | 0                          | 0                             | 0                  | 151.55                       | -53               | 29                    | 61                          |                              |                                |                          |                           |      |
| 100                        | 100                                             | 89                         | 89                         | 0                             | 0                  | 151.55                       | -53               | 29                    | 60                          | 60                           | 0.27                           | 221.014                  |                           |      |
| 200                        | 200                                             | 189                        | 189                        | 0                             | 0                  | 151.55                       | -53               | 29                    | 60                          | 59                           | 0.97                           | 62.143                   |                           |      |
| 300                        | 300                                             | 289                        | 289                        | 1                             | 1                  | 151.55                       | -53               | 29                    | 60                          | 58                           | 1.68                           | 35.671                   |                           |      |
| 400                        | 400                                             | 389                        | 389                        | 1                             | 1                  | 151.55                       | -53               | 29                    | 60                          | 58                           | 2.40                           | 25.015 CC                |                           |      |
| 500                        | 500                                             | 489                        | 489                        | 2                             | 2                  | 103.92                       | -53               | 29                    | 61                          | 57                           | 3.11                           | 19.455 ES                |                           |      |
| 600                        | 600                                             | 588                        | 588                        | 2                             | 2                  | 105.83                       | -52               | 32                    | 63                          | 59                           | 3.82                           | 16.454                   |                           |      |
| 700                        | 699                                             | 687                        | 687                        | 2                             | 2                  | 107.55                       | -51               | 38                    | 67                          | 63                           | 4.54                           | 14.770                   |                           |      |
| 800                        | 799                                             | 787                        | 786                        | 3                             | 3                  | 108.95                       | -50               | 48                    | 73                          | 68                           | 5.29                           | 13.848                   |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                       |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          |                           |      |
|-----------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+IGRF                                     |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                      | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Distance</b>       |                    | <b>Rule Assigned:</b>        |                   | <b>Warning</b>    |                             |                              |                                |                          |                           |      |
| <b>Measured Depth (ft)</b>                                            | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 900                                                                   | 897                        | 886                        | 884                        | 3                     | 3                  | 110.01                       | -48               | 61                | 82                          | 75                           | 6.09                           | 13.389                   |                           |      |
| 1000                                                                  | 996                        | 985                        | 982                        | 4                     | 3                  | 111.74                       | -45               | 76                | 91                          | 84                           | 6.93                           | 13.176                   |                           |      |
| 1100                                                                  | 1093                       | 1084                       | 1080                       | 4                     | 4                  | 114.86                       | -43               | 91                | 103                         | 95                           | 7.81                           | 13.140                   |                           |      |
| 1200                                                                  | 1190                       | 1183                       | 1178                       | 5                     | 4                  | 118.82                       | -41               | 106               | 116                         | 107                          | 8.72                           | 13.288                   |                           |      |
| 1300                                                                  | 1285                       | 1281                       | 1275                       | 5                     | 5                  | 123.16                       | -39               | 121               | 132                         | 122                          | 9.65                           | 13.630                   |                           |      |
| 1400                                                                  | 1380                       | 1379                       | 1371                       | 6                     | 5                  | 127.54                       | -36               | 136               | 150                         | 139                          | 10.58                          | 14.168                   |                           |      |
| 1486                                                                  | 1461                       | 1463                       | 1454                       | 6                     | 5                  | 131.18                       | -34               | 148               | 168                         | 157                          | 11.38                          | 14.785                   |                           |      |
| 1500                                                                  | 1473                       | 1476                       | 1467                       | 6                     | 6                  | 131.77                       | -34               | 150               | 171                         | 160                          | 11.50                          | 14.890                   |                           |      |
| 1600                                                                  | 1566                       | 1572                       | 1563                       | 7                     | 6                  | 135.56                       | -32               | 165               | 194                         | 182                          | 12.41                          | 15.664                   |                           |      |
| 1700                                                                  | 1659                       | 1669                       | 1658                       | 8                     | 6                  | 138.54                       | -30               | 179               | 218                         | 205                          | 13.30                          | 16.391                   |                           |      |
| 1800                                                                  | 1752                       | 1766                       | 1754                       | 9                     | 7                  | 140.94                       | -27               | 194               | 242                         | 228                          | 14.19                          | 17.065                   |                           |      |
| 1900                                                                  | 1845                       | 1862                       | 1849                       | 9                     | 7                  | 142.91                       | -25               | 209               | 267                         | 252                          | 15.08                          | 17.685                   |                           |      |
| 2000                                                                  | 1938                       | 1959                       | 1944                       | 10                    | 8                  | 144.54                       | -23               | 223               | 291                         | 275                          | 15.97                          | 18.253                   |                           |      |
| 2100                                                                  | 2031                       | 2055                       | 2040                       | 11                    | 8                  | 145.92                       | -21               | 238               | 316                         | 300                          | 16.85                          | 18.774                   |                           |      |
| 2200                                                                  | 2123                       | 2135                       | 2135                       | 12                    | 9                  | 147.10                       | -19               | 252               | 341                         | 324                          | 17.74                          | 19.252                   |                           |      |
| 2300                                                                  | 2216                       | 2248                       | 2231                       | 13                    | 9                  | 148.12                       | -16               | 267               | 367                         | 348                          | 18.62                          | 19.691                   |                           |      |
| 2400                                                                  | 2309                       | 2345                       | 2326                       | 13                    | 9                  | 149.00                       | -14               | 281               | 392                         | 372                          | 19.51                          | 20.095                   |                           |      |
| 2500                                                                  | 2402                       | 2442                       | 2422                       | 14                    | 10                 | 149.78                       | -12               | 296               | 417                         | 397                          | 20.39                          | 20.467                   |                           |      |
| 2600                                                                  | 2495                       | 2538                       | 2517                       | 15                    | 10                 | 150.47                       | -10               | 311               | 443                         | 422                          | 21.28                          | 20.811                   |                           |      |
| 2700                                                                  | 2588                       | 2635                       | 2613                       | 16                    | 11                 | 151.09                       | -7                | 325               | 468                         | 446                          | 22.16                          | 21.130                   |                           |      |
| 2800                                                                  | 2681                       | 2731                       | 2708                       | 16                    | 11                 | 151.64                       | -5                | 340               | 494                         | 471                          | 23.05                          | 21.426                   |                           |      |
| 2900                                                                  | 2774                       | 2828                       | 2804                       | 17                    | 12                 | 152.14                       | -3                | 354               | 519                         | 495                          | 23.93                          | 21.702                   |                           |      |
| 3000                                                                  | 2867                       | 2925                       | 2899                       | 18                    | 12                 | 152.59                       | -1                | 369               | 545                         | 520                          | 24.82                          | 21.959                   |                           |      |
| 3100                                                                  | 2959                       | 3021                       | 2994                       | 19                    | 13                 | 153.00                       | 2                 | 383               | 571                         | 545                          | 25.71                          | 22.199                   |                           |      |
| 3200                                                                  | 3052                       | 3118                       | 3090                       | 20                    | 13                 | 153.37                       | 4                 | 398               | 596                         | 570                          | 26.59                          | 22.424                   |                           |      |
| 3300                                                                  | 3145                       | 3214                       | 3185                       | 20                    | 13                 | 153.72                       | 6                 | 412               | 622                         | 595                          | 27.48                          | 22.634                   |                           |      |
| 3400                                                                  | 3238                       | 3311                       | 3281                       | 21                    | 14                 | 154.04                       | 8                 | 427               | 648                         | 619                          | 28.37                          | 22.832                   |                           |      |
| 3500                                                                  | 3331                       | 3407                       | 3376                       | 22                    | 14                 | 154.33                       | 10                | 442               | 673                         | 644                          | 29.26                          | 23.019                   |                           |      |
| 3600                                                                  | 3424                       | 3504                       | 3472                       | 23                    | 15                 | 154.60                       | 13                | 456               | 699                         | 669                          | 30.14                          | 23.194                   |                           |      |
| 3700                                                                  | 3517                       | 3601                       | 3567                       | 24                    | 15                 | 154.85                       | 15                | 471               | 725                         | 694                          | 31.03                          | 23.360                   |                           |      |
| 3800                                                                  | 3610                       | 3697                       | 3663                       | 24                    | 16                 | 155.09                       | 17                | 485               | 751                         | 719                          | 31.92                          | 23.517                   |                           |      |
| 3900                                                                  | 3703                       | 3794                       | 3758                       | 25                    | 16                 | 155.31                       | 19                | 500               | 776                         | 744                          | 32.81                          | 23.666                   |                           |      |
| 4000                                                                  | 3796                       | 3890                       | 3853                       | 26                    | 17                 | 155.51                       | 22                | 514               | 802                         | 769                          | 33.70                          | 23.806                   |                           |      |
| 4100                                                                  | 3888                       | 3987                       | 3949                       | 27                    | 17                 | 155.70                       | 24                | 529               | 828                         | 793                          | 34.59                          | 23.940                   |                           |      |
| 4200                                                                  | 3981                       | 4084                       | 4044                       | 28                    | 17                 | 155.88                       | 26                | 544               | 854                         | 818                          | 35.48                          | 24.067                   |                           |      |
| 4300                                                                  | 4074                       | 4180                       | 4140                       | 28                    | 18                 | 156.05                       | 28                | 558               | 880                         | 843                          | 36.37                          | 24.188                   |                           |      |
| 4400                                                                  | 4167                       | 4277                       | 4235                       | 29                    | 18                 | 156.21                       | 31                | 573               | 905                         | 868                          | 37.26                          | 24.304                   |                           |      |
| 4500                                                                  | 4260                       | 4373                       | 4331                       | 30                    | 19                 | 156.37                       | 33                | 587               | 931                         | 893                          | 38.15                          | 24.413                   |                           |      |
| 4600                                                                  | 4353                       | 4470                       | 4426                       | 31                    | 19                 | 156.51                       | 35                | 602               | 957                         | 918                          | 39.04                          | 24.518                   |                           |      |
| 4700                                                                  | 4446                       | 4566                       | 4522                       | 32                    | 20                 | 156.65                       | 37                | 616               | 983                         | 943                          | 39.93                          | 24.619                   |                           |      |
| 4800                                                                  | 4539                       | 4663                       | 4617                       | 32                    | 20                 | 156.77                       | 39                | 631               | 1009                        | 968                          | 40.82                          | 24.715                   |                           |      |
| 4900                                                                  | 4632                       | 4760                       | 4713                       | 33                    | 21                 | 156.90                       | 42                | 646               | 1035                        | 993                          | 41.71                          | 24.807                   |                           |      |
| 5000                                                                  | 4724                       | 4831                       | 4783                       | 34                    | 21                 | 156.85                       | 42                | 658               | 1061                        | 1019                         | 42.43                          | 25.014                   |                           |      |
| 5045                                                                  | 4767                       | 4860                       | 4811                       | 34                    | 21                 | 156.71                       | 40                | 665               | 1074                        | 1032                         | 42.77                          | 25.120                   |                           |      |
| 5050                                                                  | 4771                       | 4864                       | 4814                       | 34                    | 21                 | 155.50                       | 40                | 666               | 1076                        | 1033                         | 42.81                          | 25.130                   |                           |      |
| 5100                                                                  | 4817                       | 4900                       | 4849                       | 35                    | 21                 | 143.27                       | 37                | 676               | 1090                        | 1047                         | 43.26                          | 25.205                   |                           |      |
| 5150                                                                  | 4863                       | 4928                       | 4876                       | 35                    | 21                 | 132.40                       | 33                | 684               | 1104                        | 1060                         | 43.60                          | 25.323                   |                           |      |
| 5200                                                                  | 4908                       | 4961                       | 4906                       | 36                    | 22                 | 123.15                       | 28                | 695               | 1117                        | 1073                         | 44.01                          | 25.389                   |                           |      |
| 5250                                                                  | 4952                       | 5000                       | 4942                       | 36                    | 22                 | 115.47                       | 20                | 710               | 1130                        | 1085                         | 44.56                          | 25.355                   |                           |      |
| 5300                                                                  | 4995                       | 5025                       | 4964                       | 36                    | 22                 | 109.18                       | 15                | 720               | 1142                        | 1097                         | 44.87                          | 25.444                   |                           |      |
| 5350                                                                  | 5036                       | 5050                       | 4986                       | 37                    | 22                 | 104.02                       | 8                 | 731               | 1153                        | 1107                         | 45.15                          | 25.525                   |                           |      |
| 5400                                                                  | 5076                       | 5090                       | 5019                       | 37                    | 23                 | 99.86                        | -3                | 749               | 1162                        | 1117                         | 45.79                          | 25.385                   |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: I10 2308 Pad - # 110H - Original drilling - APD |            |            |            |                 |             |              |                        |                |                      |                       |                 |            | Offset Site Error: 0 ft |  |
|----------------------------------------------------------------|------------|------------|------------|-----------------|-------------|--------------|------------------------|----------------|----------------------|-----------------------|-----------------|------------|-------------------------|--|
| Survey Program: 0-MWD+IGRF                                     |            |            |            |                 |             |              |                        | Rule Assigned: |                      |                       |                 |            | Offset Well Error: 0 ft |  |
| Measured Depth                                                 | Vertical   | Measured   | Vertical   | Semi Major Axis | Offset      | Highside     | Offset Wellbore Centre |                | Distance             |                       | Minimum         | Separation | Warning                 |  |
| Depth (ft)                                                     | Depth (ft) | Depth (ft) | Depth (ft) | Reference (ft)  | Offset (ft) | Toolface (°) | +N/-S (ft)             | +E/-W (ft)     | Between Centres (ft) | Between Ellipses (ft) | Separation (ft) | Factor     |                         |  |
| 5450                                                           | 5113       | 5122       | 5045       | 38              | 23          | 96.44        | -13                    | 765            | 1172                 | 1125                  | 46.30           | 25.301     |                         |  |
| 5500                                                           | 5148       | 5150       | 5067       | 38              | 23          | 93.63        | -23                    | 779            | 1180                 | 1133                  | 46.70           | 25.262     |                         |  |
| 5550                                                           | 5181       | 5188       | 5095       | 39              | 23          | 91.42        | -37                    | 800            | 1187                 | 1139                  | 47.37           | 25.049     |                         |  |
| 5600                                                           | 5211       | 5221       | 5119       | 39              | 24          | 89.64        | -50                    | 819            | 1193                 | 1145                  | 48.00           | 24.845     |                         |  |
| 5650                                                           | 5238       | 5250       | 5139       | 39              | 24          | 88.21        | -63                    | 836            | 1198                 | 1149                  | 48.55           | 24.669     |                         |  |
| 5700                                                           | 5262       | 5287       | 5162       | 40              | 24          | 87.21        | -80                    | 859            | 1202                 | 1152                  | 49.38           | 24.335     |                         |  |
| 5750                                                           | 5283       | 5321       | 5182       | 40              | 25          | 86.49        | -96                    | 881            | 1204                 | 1154                  | 50.14           | 24.019     |                         |  |
| 5800                                                           | 5300       | 5350       | 5199       | 41              | 25          | 86.01        | -111                   | 900            | 1206                 | 1155                  | 50.80           | 23.741     |                         |  |
| 5850                                                           | 5314       | 5389       | 5219       | 41              | 26          | 85.90        | -132                   | 926            | 1207                 | 1155                  | 51.85           | 23.275     |                         |  |
| 5900                                                           | 5325       | 5423       | 5234       | 42              | 26          | 86.00        | -151                   | 950            | 1206                 | 1154                  | 52.79           | 22.851     |                         |  |
| 5950                                                           | 5331       | 5458       | 5249       | 42              | 27          | 86.35        | -171                   | 975            | 1205                 | 1151                  | 53.80           | 22.398     |                         |  |
| 6000                                                           | 5335       | 5494       | 5262       | 43              | 27          | 86.94        | -192                   | 1000           | 1203                 | 1148                  | 54.87           | 21.918     |                         |  |
| 6024                                                           | 5335       | 5511       | 5267       | 43              | 27          | 87.30        | -202                   | 1012           | 1201                 | 1146                  | 55.40           | 21.681     |                         |  |
| 6100                                                           | 5335       | 5566       | 5282       | 44              | 28          | 88.03        | -237                   | 1053           | 1197                 | 1139                  | 57.20           | 20.922     |                         |  |
| 6200                                                           | 5334       | 5643       | 5295       | 45              | 29          | 88.67        | -287                   | 1110           | 1193                 | 1133                  | 59.79           | 19.951     |                         |  |
| 6300                                                           | 5333       | 5724       | 5299       | 46              | 31          | 88.87        | -341                   | 1170           | 1191                 | 1128                  | 62.62           | 19.019     |                         |  |
| 6400                                                           | 5333       | 5823       | 5299       | 47              | 32          | 88.90        | -408                   | 1244           | 1190                 | 1123                  | 66.32           | 17.941     |                         |  |
| 6500                                                           | 5332       | 5922       | 5299       | 48              | 34          | 88.92        | -474                   | 1317           | 1189                 | 1119                  | 70.17           | 16.940     |                         |  |
| 6600                                                           | 5332       | 6021       | 5299       | 50              | 36          | 88.95        | -541                   | 1390           | 1188                 | 1114                  | 74.16           | 16.015     |                         |  |
| 6700                                                           | 5331       | 6120       | 5299       | 51              | 38          | 88.98        | -608                   | 1463           | 1187                 | 1109                  | 78.27           | 15.164     |                         |  |
| 6800                                                           | 5331       | 6219       | 5299       | 53              | 40          | 89.00        | -675                   | 1536           | 1186                 | 1104                  | 82.47           | 14.382     |                         |  |
| 6900                                                           | 5330       | 6318       | 5299       | 55              | 42          | 89.03        | -742                   | 1608           | 1185                 | 1099                  | 86.75           | 13.663     |                         |  |
| 7000                                                           | 5330       | 6417       | 5299       | 57              | 44          | 89.05        | -809                   | 1681           | 1185                 | 1094                  | 91.10           | 13.003     |                         |  |
| 7100                                                           | 5329       | 6516       | 5299       | 58              | 46          | 89.08        | -876                   | 1754           | 1184                 | 1089                  | 95.51           | 12.397     |                         |  |
| 7200                                                           | 5329       | 6615       | 5299       | 60              | 49          | 89.10        | -943                   | 1827           | 1184                 | 1084                  | 99.98           | 11.838     |                         |  |
| 7300                                                           | 5328       | 6714       | 5299       | 62              | 51          | 89.13        | -1010                  | 1899           | 1183                 | 1079                  | 104.49          | 11.323     |                         |  |
| 7400                                                           | 5327       | 6813       | 5299       | 64              | 53          | 89.15        | -1077                  | 1972           | 1183                 | 1074                  | 109.05          | 10.848     |                         |  |
| 7500                                                           | 5327       | 6912       | 5299       | 66              | 55          | 89.18        | -1145                  | 2044           | 1183                 | 1069                  | 113.63          | 10.408     |                         |  |
| 7600                                                           | 5326       | 7011       | 5299       | 68              | 58          | 89.21        | -1212                  | 2117           | 1183                 | 1064                  | 118.25          | 10.001     |                         |  |
| 7694                                                           | 5326       | 7103       | 5299       | 70              | 60          | 89.23        | -1275                  | 2185           | 1183                 | 1060                  | 122.59          | 9.646      |                         |  |
| 7700                                                           | 5326       | 7110       | 5299       | 70              | 60          | 89.23        | -1280                  | 2189           | 1183                 | 1060                  | 122.90          | 9.622      |                         |  |
| 7800                                                           | 5325       | 7209       | 5299       | 72              | 62          | 89.26        | -1347                  | 2262           | 1183                 | 1055                  | 127.56          | 9.271      |                         |  |
| 7900                                                           | 5325       | 7308       | 5299       | 75              | 64          | 89.28        | -1415                  | 2334           | 1183                 | 1050                  | 132.26          | 8.943      |                         |  |
| 8000                                                           | 5324       | 7407       | 5299       | 77              | 67          | 89.31        | -1483                  | 2406           | 1183                 | 1046                  | 136.97          | 8.637      |                         |  |
| 8100                                                           | 5324       | 7506       | 5299       | 79              | 69          | 89.34        | -1550                  | 2478           | 1183                 | 1042                  | 141.69          | 8.351      |                         |  |
| 8200                                                           | 5323       | 7605       | 5299       | 81              | 72          | 89.36        | -1618                  | 2551           | 1184                 | 1037                  | 146.44          | 8.083      |                         |  |
| 8300                                                           | 5322       | 7703       | 5299       | 83              | 74          | 89.39        | -1686                  | 2623           | 1184                 | 1033                  | 151.19          | 7.832      |                         |  |
| 8400                                                           | 5322       | 7802       | 5299       | 86              | 76          | 89.41        | -1754                  | 2695           | 1185                 | 1029                  | 155.96          | 7.596      |                         |  |
| 8500                                                           | 5321       | 7901       | 5299       | 88              | 79          | 89.44        | -1822                  | 2767           | 1185                 | 1025                  | 160.74          | 7.374      |                         |  |
| 8600                                                           | 5321       | 8000       | 5299       | 90              | 81          | 89.46        | -1890                  | 2838           | 1186                 | 1021                  | 165.51          | 7.166      |                         |  |
| 8700                                                           | 5320       | 8099       | 5299       | 92              | 83          | 89.49        | -1958                  | 2910           | 1187                 | 1017                  | 170.33          | 6.968      |                         |  |
| 8800                                                           | 5320       | 8198       | 5299       | 95              | 86          | 89.52        | -2026                  | 2982           | 1188                 | 1013                  | 175.14          | 6.782      |                         |  |
| 8900                                                           | 5319       | 8297       | 5299       | 97              | 88          | 89.54        | -2094                  | 3054           | 1189                 | 1009                  | 179.96          | 6.606      |                         |  |
| 9000                                                           | 5319       | 8396       | 5299       | 99              | 91          | 89.57        | -2163                  | 3125           | 1190                 | 1005                  | 184.78          | 6.440      |                         |  |
| 9100                                                           | 5318       | 8495       | 5299       | 102             | 93          | 89.59        | -2231                  | 3197           | 1191                 | 1002                  | 189.61          | 6.282      |                         |  |
| 9200                                                           | 5318       | 8594       | 5299       | 104             | 95          | 89.62        | -2299                  | 3268           | 1192                 | 998                   | 194.45          | 6.132      |                         |  |
| 9300                                                           | 5317       | 8693       | 5299       | 106             | 98          | 89.64        | -2368                  | 3340           | 1194                 | 994                   | 199.29          | 5.990      |                         |  |
| 9400                                                           | 5316       | 8792       | 5299       | 109             | 100         | 89.67        | -2436                  | 3411           | 1195                 | 991                   | 204.14          | 5.855      |                         |  |
| 9500                                                           | 5316       | 8891       | 5299       | 111             | 103         | 89.69        | -2505                  | 3483           | 1197                 | 988                   | 208.99          | 5.726      |                         |  |
| 9600                                                           | 5315       | 8990       | 5299       | 114             | 105         | 89.72        | -2573                  | 3554           | 1198                 | 984                   | 213.84          | 5.604      |                         |  |
| 9700                                                           | 5315       | 9089       | 5299       | 116             | 107         | 89.75        | -2642                  | 3625           | 1200                 | 981                   | 218.70          | 5.487      |                         |  |
| 9800                                                           | 5314       | 9188       | 5299       | 118             | 110         | 89.77        | -2711                  | 3696           | 1202                 | 978                   | 223.57          | 5.376      |                         |  |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                       |                                |                                |                                |                           |                        |                                  |                               |                       |                                 |                                  |                                    |                           |                |
|-----------------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------|------------------------|----------------------------------|-------------------------------|-----------------------|---------------------------------|----------------------------------|------------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD |                                |                                |                                |                           |                        |                                  |                               |                       |                                 |                                  |                                    | <b>Offset Site Error:</b> | 0 ft           |
| <b>Survey Program:</b> 0-MWD+IGRF                                     |                                |                                |                                |                           |                        |                                  |                               |                       |                                 |                                  |                                    | <b>Offset Well Error:</b> | 0 ft           |
| <b>Reference</b>                                                      |                                | <b>Offset</b>                  |                                | <b>Semi Major Axis</b>    |                        | <b>Highside Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                       | <b>Distance</b>                 |                                  | <b>Minimum Separation<br/>(ft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| <b>Measured Depth<br/>(ft)</b>                                        | <b>Vertical Depth<br/>(ft)</b> | <b>Measured Depth<br/>(ft)</b> | <b>Vertical Depth<br/>(ft)</b> | <b>Reference<br/>(ft)</b> | <b>Offset<br/>(ft)</b> |                                  | <b>+N/-S<br/>(ft)</b>         | <b>+E/-W<br/>(ft)</b> | <b>Between Centres<br/>(ft)</b> | <b>Between Ellipses<br/>(ft)</b> |                                    |                           |                |
| 9900                                                                  | 5314                           | 9287                           | 5298                           | 121                       | 112                    | 89.80                            | -2780                         | 3767                  | 1204                            | 975                              | 228.43                             | 5.269                     |                |
| 10,000                                                                | 5313                           | 9386                           | 5298                           | 123                       | 115                    | 89.82                            | -2849                         | 3838                  | 1206                            | 972                              | 233.30                             | 5.168                     |                |
| 10,100                                                                | 5313                           | 9485                           | 5298                           | 125                       | 117                    | 89.84                            | -2918                         | 3909                  | 1208                            | 970                              | 238.17                             | 5.071                     |                |
| 10,200                                                                | 5312                           | 9584                           | 5298                           | 128                       | 120                    | 89.87                            | -2987                         | 3980                  | 1210                            | 967                              | 243.04                             | 4.978                     |                |
| 10,300                                                                | 5311                           | 9683                           | 5298                           | 130                       | 122                    | 89.89                            | -3056                         | 4051                  | 1212                            | 964                              | 247.92                             | 4.889                     |                |
| 10,400                                                                | 5311                           | 9781                           | 5298                           | 133                       | 124                    | 89.92                            | -3125                         | 4122                  | 1214                            | 962                              | 252.80                             | 4.804                     |                |
| 10,500                                                                | 5310                           | 9880                           | 5298                           | 135                       | 127                    | 89.94                            | -3194                         | 4192                  | 1217                            | 959                              | 257.68                             | 4.722                     |                |
| 10,600                                                                | 5310                           | 9979                           | 5298                           | 138                       | 129                    | 89.97                            | -3263                         | 4263                  | 1219                            | 957                              | 262.56                             | 4.644                     |                |
| 10,700                                                                | 5309                           | 10,078                         | 5298                           | 140                       | 132                    | 89.99                            | -3332                         | 4334                  | 1222                            | 954                              | 267.44                             | 4.569                     |                |
| 10,800                                                                | 5309                           | 10,177                         | 5298                           | 142                       | 134                    | 90.01                            | -3402                         | 4404                  | 1224                            | 952                              | 272.32                             | 4.496                     |                |
| 10,900                                                                | 5308                           | 10,276                         | 5298                           | 145                       | 137                    | 90.04                            | -3471                         | 4475                  | 1227                            | 950                              | 277.21                             | 4.427                     |                |
| 11,000                                                                | 5308                           | 10,375                         | 5298                           | 147                       | 139                    | 90.06                            | -3541                         | 4545                  | 1230                            | 948                              | 282.09                             | 4.360                     |                |
| 11,100                                                                | 5307                           | 10,474                         | 5298                           | 150                       | 141                    | 90.09                            | -3610                         | 4615                  | 1233                            | 946                              | 286.98                             | 4.296                     |                |
| 11,200                                                                | 5307                           | 10,573                         | 5298                           | 152                       | 144                    | 90.11                            | -3680                         | 4686                  | 1236                            | 944                              | 291.87                             | 4.235                     |                |
| 11,300                                                                | 5306                           | 10,672                         | 5298                           | 155                       | 146                    | 90.13                            | -3749                         | 4756                  | 1239                            | 942                              | 296.76                             | 4.175                     |                |
| 11,400                                                                | 5305                           | 10,770                         | 5298                           | 157                       | 149                    | 90.15                            | -3819                         | 4826                  | 1242                            | 941                              | 301.65                             | 4.118                     |                |
| 11,500                                                                | 5305                           | 10,869                         | 5298                           | 159                       | 151                    | 90.18                            | -3889                         | 4896                  | 1246                            | 939                              | 306.54                             | 4.063                     |                |
| 11,600                                                                | 5304                           | 10,968                         | 5298                           | 162                       | 154                    | 90.20                            | -3959                         | 4966                  | 1249                            | 937                              | 311.43                             | 4.010                     |                |
| 11,700                                                                | 5304                           | 11,067                         | 5298                           | 164                       | 156                    | 90.22                            | -4028                         | 5036                  | 1252                            | 936                              | 316.32                             | 3.959                     |                |
| 11,800                                                                | 5303                           | 11,166                         | 5298                           | 167                       | 158                    | 90.24                            | -4098                         | 5106                  | 1256                            | 935                              | 321.21                             | 3.910                     |                |
| 11,900                                                                | 5303                           | 11,265                         | 5298                           | 169                       | 161                    | 90.27                            | -4168                         | 5176                  | 1259                            | 933                              | 326.10                             | 3.862                     |                |
| 12,000                                                                | 5302                           | 11,364                         | 5298                           | 172                       | 163                    | 90.29                            | -4238                         | 5245                  | 1263                            | 932                              | 330.99                             | 3.816                     |                |
| 12,100                                                                | 5302                           | 11,462                         | 5298                           | 174                       | 166                    | 90.31                            | -4308                         | 5315                  | 1267                            | 931                              | 335.88                             | 3.772                     |                |
| 12,200                                                                | 5301                           | 11,561                         | 5298                           | 177                       | 168                    | 90.33                            | -4379                         | 5385                  | 1271                            | 930                              | 340.77                             | 3.729                     |                |
| 12,300                                                                | 5300                           | 11,660                         | 5298                           | 179                       | 171                    | 90.35                            | -4449                         | 5454                  | 1275                            | 929                              | 345.66                             | 3.688                     |                |
| 12,400                                                                | 5300                           | 11,759                         | 5298                           | 182                       | 173                    | 90.37                            | -4519                         | 5524                  | 1279                            | 928                              | 350.55                             | 3.648                     |                |
| 12,500                                                                | 5299                           | 11,858                         | 5297                           | 184                       | 175                    | 90.40                            | -4589                         | 5593                  | 1283                            | 927                              | 355.44                             | 3.609                     |                |
| 12,600                                                                | 5299                           | 11,956                         | 5297                           | 186                       | 178                    | 90.42                            | -4660                         | 5663                  | 1287                            | 927                              | 360.33                             | 3.572                     |                |
| 12,700                                                                | 5298                           | 12,055                         | 5297                           | 189                       | 180                    | 90.44                            | -4730                         | 5732                  | 1291                            | 926                              | 365.22                             | 3.536                     |                |
| 12,800                                                                | 5298                           | 12,154                         | 5297                           | 191                       | 183                    | 90.46                            | -4801                         | 5801                  | 1296                            | 926                              | 370.11                             | 3.501                     |                |
| 12,900                                                                | 5297                           | 12,253                         | 5297                           | 194                       | 185                    | 90.48                            | -4871                         | 5870                  | 1300                            | 925                              | 375.00                             | 3.468                     |                |
| 13,000                                                                | 5297                           | 12,352                         | 5297                           | 196                       | 188                    | 90.50                            | -4942                         | 5939                  | 1305                            | 925                              | 379.89                             | 3.435                     |                |
| 13,100                                                                | 5296                           | 12,450                         | 5297                           | 199                       | 190                    | 90.52                            | -5012                         | 6008                  | 1310                            | 925                              | 384.77                             | 3.403                     |                |
| 13,200                                                                | 5296                           | 12,549                         | 5297                           | 201                       | 192                    | 90.54                            | -5083                         | 6077                  | 1314                            | 925                              | 389.66                             | 3.373                     |                |
| 13,300                                                                | 5295                           | 12,648                         | 5297                           | 204                       | 195                    | 90.56                            | -5154                         | 6146                  | 1319                            | 925                              | 394.55                             | 3.343                     |                |
| 13,400                                                                | 5294                           | 12,747                         | 5297                           | 206                       | 197                    | 90.58                            | -5225                         | 6215                  | 1324                            | 925                              | 399.43                             | 3.315                     |                |
| 13,500                                                                | 5294                           | 12,845                         | 5297                           | 209                       | 200                    | 90.59                            | -5295                         | 6284                  | 1329                            | 925                              | 404.32                             | 3.287                     |                |
| 13,600                                                                | 5293                           | 12,944                         | 5297                           | 211                       | 202                    | 90.61                            | -5366                         | 6352                  | 1334                            | 925                              | 409.20                             | 3.260                     |                |
| 13,700                                                                | 5293                           | 13,043                         | 5297                           | 214                       | 205                    | 90.63                            | -5437                         | 6421                  | 1339                            | 925                              | 414.09                             | 3.234                     |                |
| 13,800                                                                | 5292                           | 13,141                         | 5297                           | 216                       | 207                    | 90.65                            | -5508                         | 6490                  | 1345                            | 926                              | 418.97                             | 3.209                     |                |
| 13,900                                                                | 5292                           | 13,240                         | 5297                           | 219                       | 209                    | 90.67                            | -5579                         | 6558                  | 1350                            | 926                              | 423.85                             | 3.185                     |                |
| 14,000                                                                | 5291                           | 13,339                         | 5297                           | 221                       | 212                    | 90.69                            | -5650                         | 6627                  | 1355                            | 927                              | 428.73                             | 3.161                     |                |
| 14,100                                                                | 5291                           | 13,437                         | 5297                           | 224                       | 214                    | 90.70                            | -5722                         | 6695                  | 1361                            | 927                              | 433.61                             | 3.138                     |                |
| 14,200                                                                | 5290                           | 13,536                         | 5297                           | 226                       | 217                    | 90.72                            | -5793                         | 6763                  | 1366                            | 928                              | 438.49                             | 3.116                     |                |
| 14,300                                                                | 5289                           | 13,635                         | 5297                           | 229                       | 219                    | 90.74                            | -5864                         | 6831                  | 1372                            | 929                              | 443.37                             | 3.095                     |                |
| 14,400                                                                | 5289                           | 13,733                         | 5296                           | 231                       | 222                    | 90.75                            | -5935                         | 6899                  | 1378                            | 930                              | 448.25                             | 3.074                     |                |
| 14,500                                                                | 5288                           | 13,832                         | 5296                           | 234                       | 224                    | 90.77                            | -6007                         | 6968                  | 1384                            | 931                              | 453.12                             | 3.054                     |                |
| 14,600                                                                | 5288                           | 13,931                         | 5296                           | 236                       | 226                    | 90.79                            | -6078                         | 7036                  | 1390                            | 932                              | 458.00                             | 3.034                     |                |
| 14,700                                                                | 5287                           | 14,029                         | 5296                           | 238                       | 229                    | 90.80                            | -6150                         | 7104                  | 1396                            | 933                              | 462.87                             | 3.015                     |                |
| 14,800                                                                | 5287                           | 14,128                         | 5296                           | 241                       | 231                    | 90.82                            | -6221                         | 7171                  | 1402                            | 934                              | 467.75                             | 2.997                     |                |
| 14,900                                                                | 5286                           | 14,226                         | 5296                           | 243                       | 234                    | 90.84                            | -6293                         | 7239                  | 1408                            | 935                              | 472.62                             | 2.979                     |                |
| 15,000                                                                | 5286                           | 14,325                         | 5296                           | 246                       | 236                    | 90.85                            | -6364                         | 7307                  | 1414                            | 937                              | 477.49                             | 2.962                     |                |



**Lonestar Consulting, LLC**  
Anticollision Report



|                           |                       |                                     |                                          |
|---------------------------|-----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating         | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsosie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad          | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                  | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                  | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling     | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3             | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                       |                                    |                                    |                                    |                           |                        |                                      |                               |                       |                                     |                                      |                                        |                              |                           |      |
|-----------------------------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|---------------------------|------------------------|--------------------------------------|-------------------------------|-----------------------|-------------------------------------|--------------------------------------|----------------------------------------|------------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD |                                    |                                    |                                    |                           |                        |                                      |                               |                       |                                     |                                      |                                        |                              | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+IGRF                                     |                                    |                                    |                                    |                           |                        |                                      |                               |                       |                                     |                                      |                                        |                              | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                      |                                    | <b>Offset</b>                      |                                    | <b>Semi Major Axis</b>    |                        | <b>Highside<br/>Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                       | <b>Rule Assigned:</b>               |                                      |                                        |                              | <b>Warning</b>            |      |
| <b>Measured<br/>Depth<br/>(ft)</b>                                    | <b>Vertical<br/>Depth<br/>(ft)</b> | <b>Measured<br/>Depth<br/>(ft)</b> | <b>Vertical<br/>Depth<br/>(ft)</b> | <b>Reference<br/>(ft)</b> | <b>Offset<br/>(ft)</b> |                                      | <b>+N/-S<br/>(ft)</b>         | <b>+E/-W<br/>(ft)</b> | <b>Between<br/>Centres<br/>(ft)</b> | <b>Between<br/>Ellipses<br/>(ft)</b> | <b>Minimum<br/>Separation<br/>(ft)</b> | <b>Separation<br/>Factor</b> |                           |      |
| 15,100                                                                | 5285                               | 14,424                             | 5296                               | 248                       | 238                    | 90.87                                | -6436                         | 7375                  | 1421                                | 938                                  | 482.36                                 | 2.945                        |                           |      |
| 15,200                                                                | 5285                               | 14,522                             | 5296                               | 251                       | 241                    | 90.88                                | -6508                         | 7442                  | 1427                                | 940                                  | 487.23                                 | 2.929                        |                           |      |
| 15,300                                                                | 5284                               | 14,621                             | 5296                               | 253                       | 243                    | 90.90                                | -6580                         | 7510                  | 1434                                | 942                                  | 492.10                                 | 2.914                        |                           |      |
| 15,400                                                                | 5283                               | 14,719                             | 5296                               | 256                       | 246                    | 90.91                                | -6652                         | 7577                  | 1440                                | 943                                  | 496.96                                 | 2.898                        |                           |      |
| 15,473                                                                | 5283                               | 14,791                             | 5296                               | 258                       | 247                    | 90.92                                | -6704                         | 7626                  | 1445                                | 945                                  | 500.52                                 | 2.888 SF                     |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                             |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          |                           |      |
|-----------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD Rev 3 |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+IGRF                                           |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                            | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Distance</b>       |                    | <b>Rule Assigned:</b>        |                   | <b>Warning</b>    |                             |                              |                                |                          |                           |      |
| <b>Measured Depth (ft)</b>                                                  | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 0                                                                           | 0                          | 0                          | 0                          | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          |                              |                                |                          |                           |      |
| 100                                                                         | 100                        | 100                        | 100                        | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          | 60                           | 0.27                           | 223.282                  |                           |      |
| 200                                                                         | 200                        | 200                        | 200                        | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          | 59                           | 0.99                           | 60.899                   |                           |      |
| 300                                                                         | 300                        | 300                        | 300                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 1.70                           | 35.258                   |                           |      |
| 400                                                                         | 400                        | 400                        | 400                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 2.42                           | 24.811 CC                |                           |      |
| 500                                                                         | 500                        | 500                        | 500                        | 2                     | 2                  | 103.39                       | -53               | 29                | 61                          | 58                           | 3.13                           | 19.406 ES                |                           |      |
| 600                                                                         | 600                        | 599                        | 599                        | 2                     | 2                  | 104.37                       | -52               | 34                | 63                          | 59                           | 3.83                           | 16.489                   |                           |      |
| 700                                                                         | 699                        | 698                        | 698                        | 2                     | 2                  | 105.27                       | -51               | 41                | 68                          | 63                           | 4.56                           | 14.833                   |                           |      |
| 800                                                                         | 799                        | 797                        | 796                        | 3                     | 3                  | 106.03                       | -49               | 52                | 74                          | 69                           | 5.32                           | 13.909                   |                           |      |
| 900                                                                         | 897                        | 896                        | 894                        | 3                     | 3                  | 106.72                       | -47               | 66                | 82                          | 76                           | 6.12                           | 13.422                   |                           |      |
| 1000                                                                        | 996                        | 996                        | 993                        | 4                     | 3                  | 108.80                       | -44               | 81                | 92                          | 85                           | 6.98                           | 13.144                   |                           |      |
| 1100                                                                        | 1093                       | 1095                       | 1091                       | 4                     | 4                  | 112.25                       | -42               | 96                | 103                         | 95                           | 7.87                           | 13.040                   |                           |      |
| 1200                                                                        | 1190                       | 1194                       | 1188                       | 5                     | 4                  | 116.54                       | -39               | 110               | 115                         | 107                          | 8.78                           | 13.124                   |                           |      |
| 1300                                                                        | 1285                       | 1292                       | 1286                       | 5                     | 5                  | 121.20                       | -37               | 125               | 130                         | 121                          | 9.72                           | 13.412                   |                           |      |
| 1400                                                                        | 1380                       | 1390                       | 1382                       | 6                     | 5                  | 125.89                       | -34               | 140               | 148                         | 138                          | 10.66                          | 13.906                   |                           |      |
| 1486                                                                        | 1461                       | 1474                       | 1465                       | 6                     | 6                  | 129.77                       | -32               | 152               | 166                         | 155                          | 11.46                          | 14.494                   |                           |      |
| 1500                                                                        | 1473                       | 1487                       | 1478                       | 6                     | 6                  | 130.40                       | -32               | 154               | 169                         | 157                          | 11.58                          | 14.595                   |                           |      |
| 1600                                                                        | 1566                       | 1583                       | 1573                       | 7                     | 6                  | 134.42                       | -30               | 169               | 192                         | 179                          | 12.49                          | 15.349                   |                           |      |
| 1700                                                                        | 1659                       | 1680                       | 1669                       | 8                     | 6                  | 137.59                       | -27               | 183               | 215                         | 202                          | 13.39                          | 16.067                   |                           |      |
| 1800                                                                        | 1752                       | 1777                       | 1764                       | 9                     | 7                  | 140.14                       | -25               | 198               | 239                         | 225                          | 14.28                          | 16.738                   |                           |      |
| 1900                                                                        | 1845                       | 1873                       | 1860                       | 9                     | 7                  | 142.23                       | -23               | 212               | 263                         | 248                          | 15.16                          | 17.359                   |                           |      |
| 2000                                                                        | 1938                       | 1970                       | 1955                       | 10                    | 8                  | 143.96                       | -20               | 227               | 288                         | 272                          | 16.05                          | 17.931                   |                           |      |
| 2100                                                                        | 2031                       | 2066                       | 2051                       | 11                    | 8                  | 145.43                       | -18               | 241               | 313                         | 296                          | 16.93                          | 18.458                   |                           |      |
| 2200                                                                        | 2123                       | 2163                       | 2146                       | 12                    | 9                  | 146.68                       | -15               | 256               | 337                         | 320                          | 17.81                          | 18.942                   |                           |      |
| 2300                                                                        | 2216                       | 2260                       | 2242                       | 13                    | 9                  | 147.75                       | -13               | 270               | 362                         | 344                          | 18.70                          | 19.388                   |                           |      |
| 2400                                                                        | 2309                       | 2356                       | 2337                       | 13                    | 10                 | 148.69                       | -11               | 285               | 388                         | 368                          | 19.58                          | 19.800                   |                           |      |
| 2500                                                                        | 2402                       | 2453                       | 2433                       | 14                    | 10                 | 149.52                       | -8                | 299               | 413                         | 392                          | 20.46                          | 20.180                   |                           |      |
| 2600                                                                        | 2495                       | 2549                       | 2528                       | 15                    | 10                 | 150.25                       | -6                | 314               | 438                         | 417                          | 21.34                          | 20.532                   |                           |      |
| 2700                                                                        | 2588                       | 2646                       | 2624                       | 16                    | 11                 | 150.90                       | -3                | 328               | 463                         | 441                          | 22.22                          | 20.858                   |                           |      |
| 2800                                                                        | 2681                       | 2743                       | 2719                       | 16                    | 11                 | 151.48                       | -1                | 343               | 489                         | 466                          | 23.10                          | 21.161                   |                           |      |
| 2900                                                                        | 2774                       | 2839                       | 2815                       | 17                    | 12                 | 152.01                       | 1                 | 357               | 514                         | 490                          | 23.99                          | 21.444                   |                           |      |
| 3000                                                                        | 2867                       | 2936                       | 2910                       | 18                    | 12                 | 152.48                       | 4                 | 372               | 540                         | 515                          | 24.87                          | 21.707                   |                           |      |
| 3100                                                                        | 2959                       | 3032                       | 3006                       | 19                    | 13                 | 152.92                       | 6                 | 386               | 565                         | 540                          | 25.75                          | 21.954                   |                           |      |
| 3200                                                                        | 3052                       | 3129                       | 3101                       | 20                    | 13                 | 153.31                       | 8                 | 401               | 591                         | 564                          | 26.64                          | 22.185                   |                           |      |
| 3300                                                                        | 3145                       | 3226                       | 3197                       | 20                    | 14                 | 153.67                       | 11                | 415               | 616                         | 589                          | 27.52                          | 22.402                   |                           |      |
| 3400                                                                        | 3238                       | 3322                       | 3292                       | 21                    | 14                 | 154.01                       | 13                | 430               | 642                         | 614                          | 28.40                          | 22.605                   |                           |      |
| 3500                                                                        | 3331                       | 3419                       | 3387                       | 22                    | 14                 | 154.32                       | 16                | 444               | 668                         | 638                          | 29.29                          | 22.797                   |                           |      |
| 3600                                                                        | 3424                       | 3515                       | 3483                       | 23                    | 15                 | 154.60                       | 18                | 459               | 693                         | 663                          | 30.17                          | 22.978                   |                           |      |
| 3700                                                                        | 3517                       | 3612                       | 3578                       | 24                    | 15                 | 154.87                       | 20                | 473               | 719                         | 688                          | 31.06                          | 23.149                   |                           |      |
| 3800                                                                        | 3610                       | 3709                       | 3674                       | 24                    | 16                 | 155.11                       | 23                | 488               | 745                         | 713                          | 31.94                          | 23.311                   |                           |      |
| 3900                                                                        | 3703                       | 3805                       | 3769                       | 25                    | 16                 | 155.34                       | 25                | 502               | 770                         | 737                          | 32.83                          | 23.464                   |                           |      |
| 4000                                                                        | 3796                       | 3902                       | 3865                       | 26                    | 17                 | 155.56                       | 28                | 517               | 796                         | 762                          | 33.71                          | 23.610                   |                           |      |
| 4100                                                                        | 3888                       | 3998                       | 3960                       | 27                    | 17                 | 155.76                       | 30                | 531               | 822                         | 787                          | 34.60                          | 23.748                   |                           |      |
| 4200                                                                        | 3981                       | 4095                       | 4056                       | 28                    | 17                 | 155.95                       | 32                | 546               | 847                         | 812                          | 35.49                          | 23.879                   |                           |      |
| 4300                                                                        | 4074                       | 4192                       | 4151                       | 28                    | 18                 | 156.13                       | 35                | 560               | 873                         | 837                          | 36.37                          | 24.004                   |                           |      |
| 4400                                                                        | 4167                       | 4288                       | 4247                       | 29                    | 18                 | 156.30                       | 37                | 575               | 899                         | 862                          | 37.26                          | 24.123                   |                           |      |
| 4500                                                                        | 4260                       | 4385                       | 4342                       | 30                    | 19                 | 156.46                       | 39                | 589               | 925                         | 886                          | 38.14                          | 24.237                   |                           |      |
| 4600                                                                        | 4353                       | 4481                       | 4438                       | 31                    | 19                 | 156.61                       | 42                | 604               | 950                         | 911                          | 39.03                          | 24.345                   |                           |      |
| 4700                                                                        | 4446                       | 4578                       | 4533                       | 32                    | 20                 | 156.75                       | 44                | 618               | 976                         | 936                          | 39.92                          | 24.449                   |                           |      |
| 4800                                                                        | 4539                       | 4675                       | 4629                       | 32                    | 20                 | 156.89                       | 47                | 633               | 1002                        | 961                          | 40.81                          | 24.549                   |                           |      |
| 4900                                                                        | 4632                       | 4771                       | 4724                       | 33                    | 21                 | 157.02                       | 49                | 647               | 1027                        | 986                          | 41.69                          | 24.644                   |                           |      |
| 5000                                                                        | 4724                       | 4841                       | 4793                       | 34                    | 21                 | 156.97                       | 49                | 659               | 1054                        | 1012                         | 42.40                          | 24.862                   |                           |      |



## Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                             |                            |                            |                            |                       |                    |                              |                                          |                   |                             |                              |                                |                           |      |
|-----------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|------------------------------------------|-------------------|-----------------------------|------------------------------|--------------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD Rev 3 |                            |                            |                            |                       |                    |                              |                                          |                   |                             |                              |                                | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+IGRF                                           |                            |                            |                            |                       |                    |                              |                                          |                   |                             |                              |                                | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                            | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Distance</b>       |                    | <b>Rule Assigned:</b>        |                                          | <b>Warning</b>    |                             |                              |                                |                           |      |
| <b>Measured Depth (ft)</b>                                                  | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b>  |      |
| 5045                                                                        | 4767                       | 4871                       | 4822                       | 34                    | 21                 | 156.82                       | 47                                       | 666               | 1067                        | 1025                         | 42.74                          | 24.970                    |      |
| 5050                                                                        | 4771                       | 4874                       | 4825                       | 34                    | 21                 | 155.62                       | 47                                       | 667               | 1069                        | 1026                         | 42.78                          | 24.982                    |      |
| 5100                                                                        | 4817                       | 4900                       | 4850                       | 35                    | 21                 | 143.41                       | 45                                       | 674               | 1083                        | 1040                         | 43.08                          | 25.146                    |      |
| 5150                                                                        | 4863                       | 4938                       | 4886                       | 35                    | 21                 | 132.51                       | 40                                       | 685               | 1097                        | 1054                         | 43.55                          | 25.189                    |      |
| 5200                                                                        | 4908                       | 4970                       | 4915                       | 36                    | 22                 | 123.24                       | 35                                       | 696               | 1110                        | 1066                         | 43.95                          | 25.262                    |      |
| 5250                                                                        | 4952                       | 5000                       | 4943                       | 36                    | 22                 | 115.56                       | 30                                       | 707               | 1123                        | 1079                         | 44.33                          | 25.336                    |      |
| 5300                                                                        | 4995                       | 5034                       | 4973                       | 36                    | 22                 | 109.26                       | 22                                       | 720               | 1135                        | 1090                         | 44.79                          | 25.340                    |      |
| 5350                                                                        | 5036                       | 5066                       | 5001                       | 37                    | 22                 | 104.12                       | 14                                       | 734               | 1146                        | 1101                         | 45.23                          | 25.337                    |      |
| 5400                                                                        | 5076                       | 5100                       | 5029                       | 37                    | 23                 | 99.93                        | 4                                        | 750               | 1156                        | 1110                         | 45.73                          | 25.281                    |      |
| 5450                                                                        | 5113                       | 5130                       | 5054                       | 38                    | 23                 | 96.49                        | -6                                       | 765               | 1165                        | 1119                         | 46.18                          | 25.238                    |      |
| 5500                                                                        | 5148                       | 5162                       | 5079                       | 38                    | 23                 | 93.70                        | -17                                      | 781               | 1174                        | 1127                         | 46.71                          | 25.126                    |      |
| 5550                                                                        | 5181                       | 5200                       | 5107                       | 39                    | 23                 | 91.49                        | -31                                      | 802               | 1181                        | 1134                         | 47.38                          | 24.929                    |      |
| 5600                                                                        | 5211                       | 5228                       | 5127                       | 39                    | 24                 | 89.65                        | -43                                      | 817               | 1187                        | 1139                         | 47.82                          | 24.829                    |      |
| 5650                                                                        | 5238                       | 5260                       | 5149                       | 39                    | 24                 | 88.25                        | -57                                      | 837               | 1193                        | 1144                         | 48.46                          | 24.606                    |      |
| 5700                                                                        | 5262                       | 5300                       | 5174                       | 40                    | 25                 | 87.27                        | -75                                      | 861               | 1197                        | 1147                         | 49.36                          | 24.245                    |      |
| 5750                                                                        | 5283                       | 5327                       | 5190                       | 40                    | 25                 | 86.47                        | -88                                      | 878               | 1200                        | 1150                         | 49.90                          | 24.047                    |      |
| 5800                                                                        | 5300                       | 5360                       | 5209                       | 41                    | 25                 | 86.02                        | -106                                     | 900               | 1202                        | 1151                         | 50.70                          | 23.708                    |      |
| 5850                                                                        | 5314                       | 5400                       | 5230                       | 41                    | 26                 | 85.92                        | -127                                     | 926               | 1203                        | 1151                         | 51.76                          | 23.240                    |      |
| 5900                                                                        | 5325                       | 5428                       | 5243                       | 42                    | 26                 | 85.93                        | -143                                     | 946               | 1203                        | 1150                         | 52.48                          | 22.923                    |      |
| 5950                                                                        | 5331                       | 5463                       | 5257                       | 42                    | 26                 | 86.26                        | -163                                     | 970               | 1202                        | 1148                         | 53.46                          | 22.482                    |      |
| 6000                                                                        | 5335                       | 5500                       | 5271                       | 43                    | 27                 | 86.86                        | -185                                     | 996               | 1200                        | 1145                         | 54.59                          | 21.980                    |      |
| 6024                                                                        | 5335                       | 5514                       | 5276                       | 43                    | 27                 | 87.19                        | -194                                     | 1006              | 1199                        | 1144                         | 55.02                          | 21.784                    |      |
| 6100                                                                        | 5335                       | 5570                       | 5291                       | 44                    | 28                 | 87.94                        | -229                                     | 1046              | 1195                        | 1138                         | 56.79                          | 21.040                    |      |
| 6200                                                                        | 5334                       | 5650                       | 5306                       | 45                    | 29                 | 88.64                        | -281                                     | 1105              | 1192                        | 1132                         | 59.51                          | 20.031                    |      |
| 6300                                                                        | 5333                       | 5725                       | 5310                       | 46                    | 30                 | 88.87                        | -332                                     | 1160              | 1191                        | 1129                         | 62.05                          | 19.195                    |      |
| 6307                                                                        | 5333                       | 5731                       | 5310                       | 46                    | 31                 | 88.87                        | -336                                     | 1165              | 1191                        | 1129                         | 62.29                          | 19.121                    |      |
| 6400                                                                        | 5333                       | 5824                       | 5310                       | 47                    | 32                 | 88.87                        | -399                                     | 1233              | 1191                        | 1125                         | 65.73                          | 18.121                    |      |
| 6500                                                                        | 5332                       | 5924                       | 5309                       | 48                    | 34                 | 88.88                        | -467                                     | 1306              | 1191                        | 1121                         | 69.60                          | 17.113                    |      |
| 6600                                                                        | 5332                       | 6024                       | 5309                       | 50                    | 36                 | 88.88                        | -536                                     | 1379              | 1191                        | 1117                         | 73.61                          | 16.180                    |      |
| 6700                                                                        | 5331                       | 6124                       | 5308                       | 51                    | 38                 | 88.88                        | -604                                     | 1452              | 1191                        | 1113                         | 77.74                          | 15.320                    |      |
| 6800                                                                        | 5331                       | 6224                       | 5308                       | 53                    | 40                 | 88.89                        | -672                                     | 1525              | 1191                        | 1109                         | 81.98                          | 14.529                    |      |
| 6900                                                                        | 5330                       | 6324                       | 5307                       | 55                    | 42                 | 88.89                        | -740                                     | 1599              | 1191                        | 1105                         | 86.29                          | 13.802                    |      |
| 7000                                                                        | 5330                       | 6424                       | 5307                       | 57                    | 44                 | 88.89                        | -808                                     | 1672              | 1191                        | 1100                         | 90.69                          | 13.134                    |      |
| 7100                                                                        | 5329                       | 6524                       | 5306                       | 58                    | 46                 | 88.90                        | -877                                     | 1745              | 1191                        | 1096                         | 95.14                          | 12.519                    |      |
| 7200                                                                        | 5329                       | 6624                       | 5306                       | 60                    | 48                 | 88.90                        | -945                                     | 1818              | 1191                        | 1091                         | 99.65                          | 11.952                    |      |
| 7300                                                                        | 5328                       | 6724                       | 5305                       | 62                    | 51                 | 88.90                        | -1013                                    | 1891              | 1191                        | 1087                         | 104.21                         | 11.430                    |      |
| 7400                                                                        | 5327                       | 6824                       | 5305                       | 64                    | 53                 | 88.91                        | -1081                                    | 1964              | 1191                        | 1082                         | 108.81                         | 10.946                    |      |
| 7500                                                                        | 5327                       | 6924                       | 5304                       | 66                    | 55                 | 88.91                        | -1149                                    | 2037              | 1191                        | 1078                         | 113.44                         | 10.499                    |      |
| 7600                                                                        | 5326                       | 7024                       | 5304                       | 68                    | 57                 | 88.91                        | -1218                                    | 2110              | 1191                        | 1073                         | 118.11                         | 10.084                    |      |
| 7700                                                                        | 5326                       | 7124                       | 5303                       | 70                    | 60                 | 88.92                        | -1286                                    | 2184              | 1191                        | 1068                         | 122.80                         | 9.699                     |      |
| 7800                                                                        | 5325                       | 7224                       | 5303                       | 72                    | 62                 | 88.92                        | -1354                                    | 2257              | 1191                        | 1064                         | 127.53                         | 9.340                     |      |
| 7900                                                                        | 5325                       | 7324                       | 5302                       | 75                    | 64                 | 88.92                        | -1422                                    | 2330              | 1191                        | 1059                         | 132.27                         | 9.005                     |      |
| 8000                                                                        | 5324                       | 7424                       | 5302                       | 77                    | 67                 | 88.93                        | -1490                                    | 2403              | 1191                        | 1054                         | 137.03                         | 8.692                     |      |
| 8100                                                                        | 5324                       | 7524                       | 5301                       | 79                    | 69                 | 88.93                        | -1559                                    | 2476              | 1191                        | 1049                         | 141.82                         | 8.399                     |      |
| 8200                                                                        | 5323                       | 7624                       | 5301                       | 81                    | 72                 | 88.93                        | -1627                                    | 2549              | 1191                        | 1044                         | 146.61                         | 8.124                     |      |
| 8300                                                                        | 5322                       | 7724                       | 5300                       | 83                    | 74                 | 88.93                        | -1695                                    | 2622              | 1191                        | 1040                         | 151.43                         | 7.866                     |      |
| 8400                                                                        | 5322                       | 7824                       | 5300                       | 86                    | 76                 | 88.94                        | -1763                                    | 2696              | 1191                        | 1035                         | 156.26                         | 7.623                     |      |
| 8500                                                                        | 5321                       | 7924                       | 5299                       | 88                    | 79                 | 88.94                        | -1831                                    | 2769              | 1191                        | 1030                         | 161.09                         | 7.394                     |      |
| 8600                                                                        | 5321                       | 8024                       | 5299                       | 90                    | 81                 | 88.94                        | -1900                                    | 2842              | 1191                        | 1025                         | 165.94                         | 7.178                     |      |
| 8700                                                                        | 5320                       | 8124                       | 5298                       | 92                    | 84                 | 88.95                        | -1968                                    | 2915              | 1191                        | 1020                         | 170.81                         | 6.973                     |      |
| 8800                                                                        | 5320                       | 8224                       | 5298                       | 95                    | 86                 | 88.95                        | -2036                                    | 2988              | 1191                        | 1015                         | 175.68                         | 6.780                     |      |
| 8900                                                                        | 5319                       | 8324                       | 5297                       | 97                    | 88                 | 88.95                        | -2104                                    | 3061              | 1191                        | 1011                         | 180.55                         | 6.597                     |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                             |                            |                            |                            |                  |               |                              |                               |                   |                             |                              |                                |                          |
|-----------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|------------------|---------------|------------------------------|-------------------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD Rev 3 |                            |                            |                            |                  |               |                              |                               |                   |                             |                              | <b>Offset Site Error:</b>      | 0 ft                     |
| <b>Survey Program:</b> 0-MWD+IGRF                                           |                            |                            |                            |                  |               |                              |                               |                   |                             |                              | <b>Offset Well Error:</b>      | 0 ft                     |
| <b>Reference</b>                                                            | <b>Offset</b>              | <b>Rule Assigned:</b>      |                            |                  |               |                              |                               |                   |                             |                              |                                |                          |
| <b>Measured Depth (ft)</b>                                                  | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference</b> | <b>Offset</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> | <b>Distance</b>   | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |
|                                                                             |                            |                            |                            |                  |               |                              | <b>+N/-S (ft)</b>             | <b>+E/-W (ft)</b> |                             |                              |                                | <b>Warning</b>           |
| 9000                                                                        | 5319                       | 8424                       | 5297                       | 99               | 91            | 88.96                        | -2172                         | 3134              | 1191                        | 1006                         | 185.44                         | 6.423                    |
| 9100                                                                        | 5318                       | 8524                       | 5296                       | 102              | 93            | 88.96                        | -2241                         | 3208              | 1191                        | 1001                         | 190.34                         | 6.258                    |
| 9200                                                                        | 5318                       | 8624                       | 5296                       | 104              | 96            | 88.96                        | -2309                         | 3281              | 1191                        | 996                          | 195.24                         | 6.101                    |
| 9300                                                                        | 5317                       | 8724                       | 5295                       | 106              | 98            | 88.97                        | -2377                         | 3354              | 1191                        | 991                          | 200.14                         | 5.951                    |
| 9400                                                                        | 5316                       | 8824                       | 5295                       | 109              | 101           | 88.97                        | -2445                         | 3427              | 1191                        | 986                          | 205.06                         | 5.809                    |
| 9500                                                                        | 5316                       | 8924                       | 5295                       | 111              | 103           | 88.97                        | -2513                         | 3500              | 1191                        | 981                          | 209.97                         | 5.673                    |
| 9600                                                                        | 5315                       | 9024                       | 5294                       | 114              | 106           | 88.98                        | -2582                         | 3573              | 1191                        | 976                          | 214.90                         | 5.543                    |
| 9700                                                                        | 5315                       | 9124                       | 5294                       | 116              | 108           | 88.98                        | -2650                         | 3646              | 1191                        | 971                          | 219.83                         | 5.418                    |
| 9800                                                                        | 5314                       | 9224                       | 5293                       | 118              | 110           | 88.98                        | -2718                         | 3719              | 1191                        | 966                          | 224.76                         | 5.300                    |
| 9900                                                                        | 5314                       | 9324                       | 5293                       | 121              | 113           | 88.99                        | -2786                         | 3793              | 1191                        | 961                          | 229.70                         | 5.186                    |
| 10,000                                                                      | 5313                       | 9424                       | 5292                       | 123              | 115           | 88.99                        | -2854                         | 3866              | 1191                        | 956                          | 234.64                         | 5.076                    |
| 10,100                                                                      | 5313                       | 9524                       | 5292                       | 125              | 118           | 88.99                        | -2923                         | 3939              | 1191                        | 952                          | 239.58                         | 4.972                    |
| 10,200                                                                      | 5312                       | 9624                       | 5291                       | 128              | 120           | 89.00                        | -2991                         | 4012              | 1191                        | 947                          | 244.53                         | 4.871                    |
| 10,300                                                                      | 5311                       | 9724                       | 5291                       | 130              | 123           | 89.00                        | -3059                         | 4085              | 1191                        | 942                          | 249.48                         | 4.774                    |
| 10,400                                                                      | 5311                       | 9824                       | 5290                       | 133              | 125           | 89.00                        | -3127                         | 4158              | 1191                        | 937                          | 254.43                         | 4.682                    |
| 10,500                                                                      | 5310                       | 9924                       | 5290                       | 135              | 128           | 89.00                        | -3195                         | 4231              | 1191                        | 932                          | 259.39                         | 4.592                    |
| 10,600                                                                      | 5310                       | 10,024                     | 5289                       | 138              | 130           | 89.01                        | -3264                         | 4305              | 1191                        | 927                          | 264.35                         | 4.506                    |
| 10,700                                                                      | 5309                       | 10,124                     | 5289                       | 140              | 133           | 89.01                        | -3332                         | 4378              | 1191                        | 922                          | 269.31                         | 4.423                    |
| 10,800                                                                      | 5309                       | 10,224                     | 5288                       | 142              | 135           | 89.01                        | -3400                         | 4451              | 1191                        | 917                          | 274.27                         | 4.343                    |
| 10,900                                                                      | 5308                       | 10,324                     | 5288                       | 145              | 138           | 89.02                        | -3468                         | 4524              | 1191                        | 912                          | 279.24                         | 4.266                    |
| 11,000                                                                      | 5308                       | 10,424                     | 5287                       | 147              | 140           | 89.02                        | -3536                         | 4597              | 1191                        | 907                          | 284.21                         | 4.191                    |
| 11,100                                                                      | 5307                       | 10,524                     | 5287                       | 150              | 143           | 89.02                        | -3605                         | 4670              | 1191                        | 902                          | 289.18                         | 4.119                    |
| 11,200                                                                      | 5307                       | 10,624                     | 5286                       | 152              | 145           | 89.03                        | -3673                         | 4743              | 1191                        | 897                          | 294.15                         | 4.049                    |
| 11,300                                                                      | 5306                       | 10,724                     | 5286                       | 155              | 148           | 89.03                        | -3741                         | 4816              | 1191                        | 892                          | 299.13                         | 3.982                    |
| 11,400                                                                      | 5305                       | 10,824                     | 5285                       | 157              | 150           | 89.03                        | -3809                         | 4890              | 1191                        | 887                          | 304.10                         | 3.917                    |
| 11,500                                                                      | 5305                       | 10,924                     | 5285                       | 159              | 153           | 89.04                        | -3877                         | 4963              | 1191                        | 882                          | 309.08                         | 3.854                    |
| 11,600                                                                      | 5304                       | 11,024                     | 5284                       | 162              | 155           | 89.04                        | -3946                         | 5036              | 1191                        | 877                          | 314.06                         | 3.793                    |
| 11,700                                                                      | 5304                       | 11,124                     | 5284                       | 164              | 158           | 89.04                        | -4014                         | 5109              | 1191                        | 872                          | 319.04                         | 3.734                    |
| 11,800                                                                      | 5303                       | 11,224                     | 5283                       | 167              | 160           | 89.05                        | -4082                         | 5182              | 1191                        | 867                          | 324.03                         | 3.676                    |
| 11,900                                                                      | 5303                       | 11,324                     | 5283                       | 169              | 163           | 89.05                        | -4150                         | 5255              | 1191                        | 862                          | 329.01                         | 3.620                    |
| 12,000                                                                      | 5302                       | 11,424                     | 5282                       | 172              | 165           | 89.05                        | -4218                         | 5328              | 1191                        | 857                          | 333.99                         | 3.566                    |
| 12,100                                                                      | 5302                       | 11,524                     | 5282                       | 174              | 167           | 89.06                        | -4287                         | 5402              | 1191                        | 852                          | 338.98                         | 3.514                    |
| 12,200                                                                      | 5301                       | 11,624                     | 5281                       | 177              | 170           | 89.06                        | -4355                         | 5475              | 1191                        | 847                          | 343.97                         | 3.463                    |
| 12,300                                                                      | 5300                       | 11,724                     | 5281                       | 179              | 172           | 89.06                        | -4423                         | 5548              | 1191                        | 842                          | 348.96                         | 3.414                    |
| 12,400                                                                      | 5300                       | 11,824                     | 5280                       | 182              | 175           | 89.07                        | -4491                         | 5621              | 1191                        | 837                          | 353.95                         | 3.365                    |
| 12,500                                                                      | 5299                       | 11,924                     | 5280                       | 184              | 177           | 89.07                        | -4559                         | 5694              | 1191                        | 832                          | 358.94                         | 3.319                    |
| 12,600                                                                      | 5299                       | 12,024                     | 5280                       | 186              | 180           | 89.07                        | -4628                         | 5767              | 1191                        | 827                          | 363.93                         | 3.273                    |
| 12,700                                                                      | 5298                       | 12,124                     | 5279                       | 189              | 182           | 89.07                        | -4696                         | 5840              | 1191                        | 822                          | 368.92                         | 3.229                    |
| 12,800                                                                      | 5298                       | 12,224                     | 5279                       | 191              | 185           | 89.08                        | -4764                         | 5914              | 1191                        | 817                          | 373.92                         | 3.186                    |
| 12,900                                                                      | 5297                       | 12,324                     | 5278                       | 194              | 187           | 89.08                        | -4832                         | 5987              | 1191                        | 812                          | 378.91                         | 3.144                    |
| 13,000                                                                      | 5297                       | 12,424                     | 5278                       | 196              | 190           | 89.08                        | -4900                         | 6060              | 1191                        | 807                          | 383.91                         | 3.103                    |
| 13,100                                                                      | 5296                       | 12,524                     | 5277                       | 199              | 192           | 89.09                        | -4969                         | 6133              | 1191                        | 802                          | 388.91                         | 3.063                    |
| 13,200                                                                      | 5296                       | 12,624                     | 5277                       | 201              | 195           | 89.09                        | -5037                         | 6206              | 1191                        | 797                          | 393.90                         | 3.024                    |
| 13,300                                                                      | 5295                       | 12,724                     | 5276                       | 204              | 197           | 89.09                        | -5105                         | 6279              | 1191                        | 792                          | 398.90                         | 2.986                    |
| 13,400                                                                      | 5294                       | 12,824                     | 5276                       | 206              | 200           | 89.10                        | -5173                         | 6352              | 1191                        | 787                          | 403.90                         | 2.949                    |
| 13,500                                                                      | 5294                       | 12,924                     | 5275                       | 209              | 202           | 89.10                        | -5241                         | 6425              | 1191                        | 782                          | 408.90                         | 2.913                    |
| 13,600                                                                      | 5293                       | 13,024                     | 5275                       | 211              | 205           | 89.10                        | -5310                         | 6499              | 1191                        | 777                          | 413.90                         | 2.878                    |
| 13,700                                                                      | 5293                       | 13,124                     | 5274                       | 214              | 207           | 89.11                        | -5378                         | 6572              | 1191                        | 772                          | 418.90                         | 2.844                    |
| 13,800                                                                      | 5292                       | 13,224                     | 5274                       | 216              | 210           | 89.11                        | -5446                         | 6645              | 1191                        | 767                          | 423.90                         | 2.810                    |
| 13,900                                                                      | 5292                       | 13,324                     | 5273                       | 219              | 212           | 89.11                        | -5514                         | 6718              | 1191                        | 762                          | 428.90                         | 2.777                    |
| 14,000                                                                      | 5291                       | 13,424                     | 5273                       | 221              | 215           | 89.12                        | -5582                         | 6791              | 1191                        | 757                          | 433.91                         | 2.745                    |
| 14,100                                                                      | 5291                       | 13,524                     | 5272                       | 224              | 217           | 89.12                        | -5651                         | 6864              | 1191                        | 752                          | 438.91                         | 2.714                    |



**Lonestar Consulting, LLC**  
Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsoie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - APD Rev 3 |                            |                            |                            |                        |                    |                              |                               |                   |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
|-----------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|------------------------|--------------------|------------------------------|-------------------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Survey Program:</b> 0-MWD+IGRF                                           |                            |                            |                            |                        |                    |                              |                               |                   |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                            |                            | <b>Offset</b>              |                            | <b>Semi Major Axis</b> |                    | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                   | <b>Distance</b>             |                              | <b>Rule Assigned:</b>          |                          | <b>Warning</b>            |      |
| <b>Measured Depth (ft)</b>                                                  | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b>  | <b>Offset (ft)</b> |                              | <b>+N/-S (ft)</b>             | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 14,200                                                                      | 5290                       | 13,624                     | 5272                       | 226                    | 220                | 89.12                        | -5719                         | 6937              | 1191                        | 747                          | 443.91                         | 2.683                    |                           |      |
| 14,300                                                                      | 5289                       | 13,724                     | 5271                       | 229                    | 222                | 89.13                        | -5787                         | 7011              | 1191                        | 742                          | 448.92                         | 2.654                    |                           |      |
| 14,400                                                                      | 5289                       | 13,824                     | 5271                       | 231                    | 225                | 89.13                        | -5855                         | 7084              | 1191                        | 737                          | 453.92                         | 2.624                    |                           |      |
| 14,500                                                                      | 5288                       | 13,924                     | 5270                       | 234                    | 227                | 89.13                        | -5923                         | 7157              | 1191                        | 732                          | 458.93                         | 2.596                    |                           |      |
| 14,600                                                                      | 5288                       | 14,024                     | 5270                       | 236                    | 230                | 89.14                        | -5992                         | 7230              | 1191                        | 727                          | 463.94                         | 2.568                    |                           |      |
| 14,700                                                                      | 5287                       | 14,124                     | 5269                       | 238                    | 232                | 89.14                        | -6060                         | 7303              | 1191                        | 722                          | 468.94                         | 2.540                    |                           |      |
| 14,800                                                                      | 5287                       | 14,224                     | 5269                       | 241                    | 235                | 89.14                        | -6128                         | 7376              | 1191                        | 717                          | 473.95                         | 2.513                    |                           |      |
| 14,900                                                                      | 5286                       | 14,324                     | 5268                       | 243                    | 237                | 89.14                        | -6196                         | 7449              | 1191                        | 712                          | 478.96                         | 2.487                    |                           |      |
| 15,000                                                                      | 5286                       | 14,424                     | 5268                       | 246                    | 240                | 89.15                        | -6264                         | 7522              | 1191                        | 707                          | 483.97                         | 2.461                    |                           |      |
| 15,100                                                                      | 5285                       | 14,524                     | 5267                       | 248                    | 242                | 89.15                        | -6333                         | 7596              | 1191                        | 702                          | 488.97                         | 2.436                    |                           |      |
| 15,200                                                                      | 5285                       | 14,624                     | 5267                       | 251                    | 245                | 89.15                        | -6401                         | 7669              | 1191                        | 697                          | 493.98                         | 2.412                    |                           |      |
| 15,300                                                                      | 5284                       | 14,724                     | 5266                       | 253                    | 247                | 89.16                        | -6469                         | 7742              | 1191                        | 692                          | 498.99                         | 2.387                    |                           |      |
| 15,400                                                                      | 5283                       | 14,824                     | 5266                       | 256                    | 250                | 89.16                        | -6537                         | 7815              | 1191                        | 687                          | 504.00                         | 2.364                    |                           |      |
| 15,473                                                                      | 5283                       | 14,897                     | 5266                       | 258                    | 252                | 89.16                        | -6587                         | 7869              | 1191                        | 684                          | 507.67                         | 2.347 SF                 |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                             |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          |                           |      |
|-----------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - Pre-Drill |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+HDGM                                           |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                            | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Distance</b>       |                    | <b>Rule Assigned:</b>        |                   | <b>Warning</b>    |                             |                              |                                |                          |                           |      |
| <b>Measured Depth (ft)</b>                                                  | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 0                                                                           | 0                          | 0                          | 0                          | 0                     | 0                  | 151.55                       | -53               | 29                | 61                          |                              |                                |                          |                           |      |
| 100                                                                         | 100                        | 89                         | 89                         | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          | 60                           | 0.27                           | 221.015                  |                           |      |
| 200                                                                         | 200                        | 189                        | 189                        | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          | 59                           | 0.97                           | 62.140                   |                           |      |
| 300                                                                         | 300                        | 289                        | 289                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 1.68                           | 35.670                   |                           |      |
| 400                                                                         | 400                        | 389                        | 389                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 2.40                           | 25.015 CC                |                           |      |
| 400                                                                         | 400                        | 389                        | 389                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 2.40                           | 25.011                   |                           |      |
| 500                                                                         | 500                        | 488                        | 488                        | 2                     | 2                  | 103.98                       | -53               | 29                | 61                          | 58                           | 3.11                           | 19.507 ES                |                           |      |
| 600                                                                         | 600                        | 587                        | 587                        | 2                     | 2                  | 106.56                       | -54               | 32                | 64                          | 60                           | 3.80                           | 16.879                   |                           |      |
| 700                                                                         | 699                        | 686                        | 686                        | 2                     | 2                  | 109.73                       | -56               | 37                | 71                          | 66                           | 4.52                           | 15.720                   |                           |      |
| 800                                                                         | 799                        | 785                        | 785                        | 3                     | 3                  | 114.44                       | -58               | 43                | 80                          | 74                           | 5.25                           | 15.154                   |                           |      |
| 900                                                                         | 897                        | 884                        | 884                        | 3                     | 3                  | 120.09                       | -60               | 49                | 90                          | 84                           | 6.01                           | 15.042                   |                           |      |
| 1000                                                                        | 996                        | 983                        | 982                        | 4                     | 3                  | 126.00                       | -62               | 55                | 104                         | 97                           | 6.77                           | 15.326                   |                           |      |
| 1100                                                                        | 1093                       | 1081                       | 1080                       | 4                     | 4                  | 131.69                       | -65               | 61                | 120                         | 113                          | 7.55                           | 15.958                   |                           |      |
| 1200                                                                        | 1190                       | 1178                       | 1177                       | 5                     | 4                  | 136.86                       | -67               | 66                | 141                         | 132                          | 8.33                           | 16.882                   |                           |      |
| 1300                                                                        | 1285                       | 1274                       | 1273                       | 5                     | 4                  | 141.39                       | -69               | 72                | 164                         | 155                          | 9.11                           | 18.046                   |                           |      |
| 1400                                                                        | 1380                       | 1370                       | 1368                       | 6                     | 5                  | 145.29                       | -71               | 78                | 192                         | 182                          | 9.88                           | 19.400                   |                           |      |
| 1486                                                                        | 1461                       | 1451                       | 1449                       | 6                     | 5                  | 148.18                       | -73               | 82                | 218                         | 208                          | 10.54                          | 20.692                   |                           |      |
| 1500                                                                        | 1473                       | 1464                       | 1462                       | 6                     | 5                  | 148.63                       | -73               | 83                | 223                         | 212                          | 10.65                          | 20.895                   |                           |      |
| 1600                                                                        | 1566                       | 1558                       | 1556                       | 7                     | 5                  | 151.55                       | -75               | 89                | 255                         | 244                          | 11.41                          | 22.367                   |                           |      |
| 1700                                                                        | 1659                       | 1651                       | 1649                       | 8                     | 6                  | 153.80                       | -77               | 94                | 288                         | 276                          | 12.16                          | 23.694                   |                           |      |
| 1800                                                                        | 1752                       | 1745                       | 1743                       | 9                     | 6                  | 155.60                       | -79               | 100               | 322                         | 309                          | 12.92                          | 24.890                   |                           |      |
| 1900                                                                        | 1845                       | 1839                       | 1837                       | 9                     | 6                  | 157.06                       | -81               | 105               | 355                         | 341                          | 13.68                          | 25.967                   |                           |      |
| 2000                                                                        | 1938                       | 1933                       | 1930                       | 10                    | 7                  | 158.26                       | -83               | 111               | 389                         | 375                          | 14.44                          | 26.941                   |                           |      |
| 2100                                                                        | 2031                       | 2027                       | 2024                       | 11                    | 7                  | 159.28                       | -85               | 116               | 423                         | 408                          | 15.20                          | 27.823                   |                           |      |
| 2200                                                                        | 2123                       | 2121                       | 2118                       | 12                    | 7                  | 160.14                       | -87               | 122               | 457                         | 441                          | 15.96                          | 28.625                   |                           |      |
| 2300                                                                        | 2216                       | 2214                       | 2211                       | 13                    | 8                  | 160.89                       | -89               | 128               | 491                         | 474                          | 16.72                          | 29.357                   |                           |      |
| 2400                                                                        | 2309                       | 2308                       | 2305                       | 13                    | 8                  | 161.54                       | -91               | 133               | 525                         | 508                          | 17.49                          | 30.026                   |                           |      |
| 2500                                                                        | 2402                       | 2402                       | 2398                       | 14                    | 8                  | 162.11                       | -93               | 139               | 559                         | 541                          | 18.25                          | 30.640                   |                           |      |
| 2600                                                                        | 2495                       | 2496                       | 2492                       | 15                    | 9                  | 162.61                       | -95               | 144               | 594                         | 575                          | 19.02                          | 31.206                   |                           |      |
| 2700                                                                        | 2588                       | 2590                       | 2586                       | 16                    | 9                  | 163.06                       | -97               | 150               | 628                         | 608                          | 19.79                          | 31.728                   |                           |      |
| 2800                                                                        | 2681                       | 2684                       | 2679                       | 16                    | 10                 | 163.46                       | -100              | 155               | 662                         | 642                          | 20.56                          | 32.211                   |                           |      |
| 2900                                                                        | 2774                       | 2777                       | 2773                       | 17                    | 10                 | 163.83                       | -102              | 161               | 697                         | 675                          | 21.33                          | 32.660                   |                           |      |
| 3000                                                                        | 2867                       | 2871                       | 2867                       | 18                    | 10                 | 164.16                       | -104              | 166               | 731                         | 709                          | 22.10                          | 33.077                   |                           |      |
| 3100                                                                        | 2959                       | 2965                       | 2960                       | 19                    | 11                 | 164.46                       | -106              | 172               | 765                         | 742                          | 22.87                          | 33.466                   |                           |      |
| 3200                                                                        | 3052                       | 3059                       | 3054                       | 20                    | 11                 | 164.73                       | -108              | 177               | 800                         | 776                          | 23.64                          | 33.830                   |                           |      |
| 3300                                                                        | 3145                       | 3153                       | 3148                       | 20                    | 11                 | 164.98                       | -110              | 183               | 834                         | 810                          | 24.41                          | 34.170                   |                           |      |
| 3400                                                                        | 3238                       | 3247                       | 3241                       | 21                    | 12                 | 165.21                       | -112              | 189               | 869                         | 843                          | 25.18                          | 34.490                   |                           |      |
| 3500                                                                        | 3331                       | 3340                       | 3335                       | 22                    | 12                 | 165.43                       | -114              | 194               | 903                         | 877                          | 25.95                          | 34.790                   |                           |      |
| 3600                                                                        | 3424                       | 3434                       | 3429                       | 23                    | 12                 | 165.63                       | -116              | 200               | 937                         | 911                          | 26.73                          | 35.073                   |                           |      |
| 3700                                                                        | 3517                       | 3528                       | 3522                       | 24                    | 13                 | 165.81                       | -118              | 205               | 972                         | 944                          | 27.50                          | 35.339                   |                           |      |
| 3800                                                                        | 3610                       | 3622                       | 3616                       | 24                    | 13                 | 165.98                       | -120              | 211               | 1006                        | 978                          | 28.27                          | 35.591                   |                           |      |
| 3900                                                                        | 3703                       | 3716                       | 3709                       | 25                    | 13                 | 166.14                       | -122              | 216               | 1041                        | 1012                         | 29.05                          | 35.829                   |                           |      |
| 4000                                                                        | 3796                       | 3810                       | 3803                       | 26                    | 14                 | 166.29                       | -124              | 222               | 1075                        | 1045                         | 29.82                          | 36.055                   |                           |      |
| 4100                                                                        | 3888                       | 3903                       | 3897                       | 27                    | 14                 | 166.43                       | -126              | 227               | 1110                        | 1079                         | 30.60                          | 36.269                   |                           |      |
| 4200                                                                        | 3981                       | 3997                       | 3990                       | 28                    | 14                 | 166.56                       | -128              | 233               | 1144                        | 1113                         | 31.37                          | 36.473                   |                           |      |
| 4300                                                                        | 4074                       | 4091                       | 4084                       | 28                    | 15                 | 166.69                       | -130              | 238               | 1179                        | 1147                         | 32.15                          | 36.666                   |                           |      |
| 4400                                                                        | 4167                       | 4185                       | 4178                       | 29                    | 15                 | 166.80                       | -132              | 244               | 1213                        | 1180                         | 32.92                          | 36.850                   |                           |      |
| 4500                                                                        | 4260                       | 4279                       | 4271                       | 30                    | 15                 | 166.92                       | -134              | 250               | 1248                        | 1214                         | 33.70                          | 37.025                   |                           |      |
| 4600                                                                        | 4353                       | 4373                       | 4365                       | 31                    | 16                 | 167.02                       | -136              | 255               | 1282                        | 1248                         | 34.48                          | 37.193                   |                           |      |
| 4700                                                                        | 4446                       | 4466                       | 4459                       | 32                    | 16                 | 167.12                       | -138              | 261               | 1317                        | 1282                         | 35.25                          | 37.353                   |                           |      |
| 4800                                                                        | 4539                       | 4560                       | 4552                       | 32                    | 16                 | 167.21                       | -140              | 266               | 1351                        | 1315                         | 36.03                          | 37.505                   |                           |      |
| 4900                                                                        | 4632                       | 4654                       | 4646                       | 33                    | 17                 | 167.30                       | -142              | 272               | 1386                        | 1349                         | 36.81                          | 37.652                   |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: I10 2308 Pad - # 110H - Original drilling - Pre-Drill |                     |                     |                     |                 |             |                        |            |            |                      |                       |                         |                   | Offset Site Error: 0 ft |  |
|----------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|------------------------|------------|------------|----------------------|-----------------------|-------------------------|-------------------|-------------------------|--|
| Survey Program: 0-MWD+HDGM                                           |                     | Offset              |                     | Semi Major Axis |             | Offset Wellbore Centre |            |            | Rule Assigned:       |                       |                         |                   | Offset Well Error: 0 ft |  |
| Measured Depth (ft)                                                  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°)  | +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning                 |  |
| 5000                                                                 | 4724                | 4737                | 4729                | 34              | 17          | 167.29                 | -146       | 278        | 1421                 | 1383                  | 37.52                   | 37.860            |                         |  |
| 5045                                                                 | 4767                | 4772                | 4763                | 34              | 17          | 167.17                 | -149       | 283        | 1437                 | 1399                  | 37.84                   | 37.962            |                         |  |
| 5050                                                                 | 4771                | 4776                | 4767                | 34              | 17          | 165.93                 | -149       | 283        | 1438                 | 1400                  | 37.88                   | 37.973            |                         |  |
| 5100                                                                 | 4817                | 4814                | 4804                | 35              | 17          | 153.31                 | -154       | 290        | 1456                 | 1418                  | 38.25                   | 38.069            |                         |  |
| 5150                                                                 | 4863                | 4850                | 4839                | 35              | 18          | 142.00                 | -161       | 298        | 1473                 | 1435                  | 38.61                   | 38.160            |                         |  |
| 5200                                                                 | 4908                | 4890                | 4876                | 36              | 18          | 132.27                 | -169       | 309        | 1491                 | 1451                  | 39.04                   | 38.182            |                         |  |
| 5250                                                                 | 4952                | 4928                | 4911                | 36              | 18          | 124.11                 | -179       | 321        | 1507                 | 1468                  | 39.46                   | 38.189            |                         |  |
| 5300                                                                 | 4995                | 4966                | 4945                | 36              | 18          | 117.32                 | -189       | 334        | 1523                 | 1483                  | 39.91                   | 38.160            |                         |  |
| 5350                                                                 | 5036                | 5000                | 4974                | 37              | 18          | 111.67                 | -201       | 347        | 1538                 | 1498                  | 40.33                   | 38.136            |                         |  |
| 5400                                                                 | 5076                | 5042                | 5009                | 37              | 19          | 106.96                 | -215       | 365        | 1552                 | 1512                  | 40.89                   | 37.968            |                         |  |
| 5450                                                                 | 5113                | 5081                | 5040                | 38              | 19          | 103.03                 | -231       | 382        | 1566                 | 1525                  | 41.43                   | 37.794            |                         |  |
| 5500                                                                 | 5148                | 5119                | 5070                | 38              | 19          | 99.72                  | -247       | 401        | 1579                 | 1536                  | 42.02                   | 37.562            |                         |  |
| 5550                                                                 | 5181                | 5158                | 5098                | 39              | 19          | 96.96                  | -265       | 422        | 1590                 | 1547                  | 42.67                   | 37.268            |                         |  |
| 5600                                                                 | 5211                | 5200                | 5126                | 39              | 20          | 94.67                  | -285       | 445        | 1600                 | 1557                  | 43.41                   | 36.870            |                         |  |
| 5650                                                                 | 5238                | 5237                | 5149                | 39              | 20          | 92.76                  | -304       | 467        | 1610                 | 1566                  | 44.14                   | 36.473            |                         |  |
| 5700                                                                 | 5262                | 5277                | 5172                | 40              | 20          | 91.21                  | -326       | 491        | 1618                 | 1573                  | 44.98                   | 35.971            |                         |  |
| 5750                                                                 | 5283                | 5318                | 5194                | 40              | 21          | 89.99                  | -349       | 517        | 1625                 | 1579                  | 45.90                   | 35.401            |                         |  |
| 5800                                                                 | 5300                | 5358                | 5213                | 41              | 21          | 89.06                  | -373       | 544        | 1630                 | 1583                  | 46.89                   | 34.767            |                         |  |
| 5850                                                                 | 5314                | 5400                | 5230                | 41              | 22          | 88.41                  | -398       | 572        | 1635                 | 1587                  | 47.98                   | 34.067            |                         |  |
| 5900                                                                 | 5325                | 5441                | 5244                | 42              | 22          | 88.02                  | -424       | 600        | 1638                 | 1589                  | 49.14                   | 33.325            |                         |  |
| 5950                                                                 | 5331                | 5483                | 5257                | 42              | 23          | 87.88                  | -450       | 630        | 1639                 | 1589                  | 50.39                   | 32.534            |                         |  |
| 6000                                                                 | 5335                | 5526                | 5266                | 43              | 23          | 87.98                  | -478       | 661        | 1640                 | 1588                  | 51.71                   | 31.709            |                         |  |
| 6024                                                                 | 5335                | 5546                | 5270                | 43              | 24          | 88.12                  | -492       | 676        | 1639                 | 1587                  | 52.36                   | 31.307            |                         |  |
| 6100                                                                 | 5335                | 5615                | 5278                | 44              | 25          | 88.40                  | -538       | 726        | 1638                 | 1583                  | 54.64                   | 29.980            |                         |  |
| 6200                                                                 | 5334                | 5714                | 5286                | 45              | 26          | 88.72                  | -604       | 800        | 1637                 | 1579                  | 58.11                   | 28.166            |                         |  |
| 6300                                                                 | 5333                | 5812                | 5291                | 46              | 28          | 88.90                  | -670       | 872        | 1635                 | 1574                  | 61.73                   | 26.490            |                         |  |
| 6400                                                                 | 5333                | 5911                | 5291                | 47              | 30          | 88.91                  | -737       | 945        | 1634                 | 1569                  | 65.60                   | 24.911            |                         |  |
| 6500                                                                 | 5332                | 6011                | 5290                | 48              | 32          | 88.91                  | -804       | 1019       | 1633                 | 1563                  | 69.64                   | 23.448            |                         |  |
| 6600                                                                 | 5332                | 6111                | 5290                | 50              | 34          | 88.91                  | -871       | 1093       | 1632                 | 1558                  | 73.82                   | 22.103            |                         |  |
| 6700                                                                 | 5331                | 6211                | 5289                | 51              | 37          | 88.91                  | -939       | 1167       | 1630                 | 1552                  | 78.12                   | 20.870            |                         |  |
| 6800                                                                 | 5331                | 6311                | 5289                | 53              | 39          | 88.91                  | -1006      | 1241       | 1629                 | 1547                  | 82.53                   | 19.742            |                         |  |
| 6900                                                                 | 5330                | 6411                | 5288                | 55              | 41          | 88.91                  | -1073      | 1315       | 1628                 | 1541                  | 87.01                   | 18.710            |                         |  |
| 7000                                                                 | 5330                | 6511                | 5288                | 57              | 44          | 88.91                  | -1141      | 1389       | 1627                 | 1535                  | 91.57                   | 17.765            |                         |  |
| 7100                                                                 | 5329                | 6611                | 5287                | 58              | 46          | 88.91                  | -1208      | 1463       | 1626                 | 1529                  | 96.19                   | 16.899            |                         |  |
| 7200                                                                 | 5329                | 6711                | 5287                | 60              | 48          | 88.92                  | -1275      | 1537       | 1624                 | 1523                  | 100.86                  | 16.104            |                         |  |
| 7300                                                                 | 5328                | 6811                | 5286                | 62              | 51          | 88.92                  | -1342      | 1611       | 1623                 | 1518                  | 105.58                  | 15.373            |                         |  |
| 7400                                                                 | 5327                | 6911                | 5286                | 64              | 53          | 88.92                  | -1410      | 1685       | 1622                 | 1512                  | 110.34                  | 14.699            |                         |  |
| 7500                                                                 | 5327                | 7011                | 5285                | 66              | 56          | 88.92                  | -1477      | 1759       | 1621                 | 1506                  | 115.14                  | 14.076            |                         |  |
| 7600                                                                 | 5326                | 7111                | 5285                | 68              | 58          | 88.92                  | -1544      | 1833       | 1619                 | 1499                  | 119.96                  | 13.500            |                         |  |
| 7700                                                                 | 5326                | 7211                | 5284                | 70              | 61          | 88.92                  | -1612      | 1907       | 1618                 | 1493                  | 124.81                  | 12.965            |                         |  |
| 7800                                                                 | 5325                | 7311                | 5284                | 72              | 63          | 88.92                  | -1679      | 1981       | 1617                 | 1487                  | 129.69                  | 12.468            |                         |  |
| 7900                                                                 | 5325                | 7411                | 5283                | 75              | 66          | 88.92                  | -1746      | 2055       | 1616                 | 1481                  | 134.59                  | 12.005            |                         |  |
| 8000                                                                 | 5324                | 7511                | 5283                | 77              | 68          | 88.92                  | -1814      | 2129       | 1615                 | 1475                  | 139.51                  | 11.573            |                         |  |
| 8100                                                                 | 5324                | 7611                | 5282                | 79              | 71          | 88.92                  | -1881      | 2203       | 1613                 | 1469                  | 144.44                  | 11.169            |                         |  |
| 8200                                                                 | 5323                | 7711                | 5282                | 81              | 73          | 88.93                  | -1948      | 2277       | 1612                 | 1463                  | 149.39                  | 10.791            |                         |  |
| 8300                                                                 | 5322                | 7811                | 5281                | 83              | 76          | 88.93                  | -2015      | 2351       | 1611                 | 1457                  | 154.35                  | 10.436            |                         |  |
| 8400                                                                 | 5322                | 7911                | 5281                | 86              | 79          | 88.93                  | -2083      | 2425       | 1610                 | 1450                  | 159.33                  | 10.102            |                         |  |
| 8500                                                                 | 5321                | 8011                | 5280                | 88              | 81          | 88.93                  | -2150      | 2499       | 1608                 | 1444                  | 164.32                  | 9.788             |                         |  |
| 8600                                                                 | 5321                | 8111                | 5280                | 90              | 84          | 88.93                  | -2217      | 2573       | 1607                 | 1438                  | 169.32                  | 9.492             |                         |  |
| 8700                                                                 | 5320                | 8211                | 5279                | 92              | 86          | 88.93                  | -2285      | 2647       | 1606                 | 1432                  | 174.33                  | 9.212             |                         |  |
| 8800                                                                 | 5320                | 8311                | 5279                | 95              | 89          | 88.93                  | -2352      | 2721       | 1605                 | 1425                  | 179.35                  | 8.948             |                         |  |
| 8900                                                                 | 5319                | 8411                | 5278                | 97              | 91          | 88.93                  | -2419      | 2794       | 1604                 | 1419                  | 184.37                  | 8.697             |                         |  |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: I10 2308 Pad - # 110H - Original drilling - Pre-Drill |                     |                     |                     |                        |             |                       |            |                |                      |                       |                         |                   | Offset Site Error: | 0 ft               |      |
|----------------------------------------------------------------------|---------------------|---------------------|---------------------|------------------------|-------------|-----------------------|------------|----------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|--------------------|------|
| Survey Program:                                                      |                     | 0-MWD+HDGM          |                     |                        |             |                       |            | Rule Assigned: |                      |                       |                         |                   |                    | Offset Well Error: | 0 ft |
| Reference                                                            | Offset              | Semi Major Axis     |                     | Offset Wellbore Centre |             | Distance              |            |                |                      | Warning               |                         |                   |                    |                    |      |
| Measured Depth (ft)                                                  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)         | Offset (ft) | Highside Toolface (°) | +N/-S (ft) | +E/-W (ft)     | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning            |                    |      |
| 9000                                                                 | 5319                | 8511                | 5278                | 99                     | 94          | 88.93                 | -2486      | 2868           | 1602                 | 1413                  | 189.41                  | 8.460             |                    |                    |      |
| 9100                                                                 | 5318                | 8611                | 5277                | 102                    | 97          | 88.94                 | -2554      | 2942           | 1601                 | 1407                  | 194.45                  | 8.234             |                    |                    |      |
| 9200                                                                 | 5318                | 8711                | 5277                | 104                    | 99          | 88.94                 | -2621      | 3016           | 1600                 | 1400                  | 199.49                  | 8.020             |                    |                    |      |
| 9300                                                                 | 5317                | 8811                | 5276                | 106                    | 102         | 88.94                 | -2688      | 3090           | 1599                 | 1394                  | 204.55                  | 7.815             |                    |                    |      |
| 9400                                                                 | 5316                | 8911                | 5276                | 109                    | 104         | 88.94                 | -2756      | 3164           | 1597                 | 1388                  | 209.60                  | 7.621             |                    |                    |      |
| 9500                                                                 | 5316                | 9011                | 5275                | 111                    | 107         | 88.94                 | -2823      | 3238           | 1596                 | 1382                  | 214.67                  | 7.436             |                    |                    |      |
| 9600                                                                 | 5315                | 9111                | 5275                | 114                    | 110         | 88.94                 | -2890      | 3312           | 1595                 | 1375                  | 219.74                  | 7.258             |                    |                    |      |
| 9700                                                                 | 5315                | 9211                | 5274                | 116                    | 112         | 88.94                 | -2957      | 3386           | 1594                 | 1369                  | 224.81                  | 7.089             |                    |                    |      |
| 9800                                                                 | 5314                | 9311                | 5274                | 118                    | 115         | 88.94                 | -3025      | 3460           | 1592                 | 1363                  | 229.88                  | 6.927             |                    |                    |      |
| 9900                                                                 | 5314                | 9411                | 5273                | 121                    | 118         | 88.94                 | -3092      | 3534           | 1591                 | 1356                  | 234.96                  | 6.772             |                    |                    |      |
| 10,000                                                               | 5313                | 9511                | 5273                | 123                    | 120         | 88.95                 | -3159      | 3608           | 1590                 | 1350                  | 240.05                  | 6.624             |                    |                    |      |
| 10,100                                                               | 5313                | 9611                | 5272                | 125                    | 123         | 88.95                 | -3227      | 3682           | 1589                 | 1344                  | 245.14                  | 6.481             |                    |                    |      |
| 10,200                                                               | 5312                | 9711                | 5272                | 128                    | 125         | 88.95                 | -3294      | 3756           | 1588                 | 1337                  | 250.23                  | 6.345             |                    |                    |      |
| 10,300                                                               | 5311                | 9811                | 5271                | 130                    | 128         | 88.95                 | -3361      | 3830           | 1586                 | 1331                  | 255.32                  | 6.213             |                    |                    |      |
| 10,400                                                               | 5311                | 9911                | 5271                | 133                    | 131         | 88.95                 | -3428      | 3904           | 1585                 | 1325                  | 260.42                  | 6.087             |                    |                    |      |
| 10,500                                                               | 5310                | 10,011              | 5270                | 135                    | 133         | 88.95                 | -3496      | 3978           | 1584                 | 1318                  | 265.52                  | 5.965             |                    |                    |      |
| 10,600                                                               | 5310                | 10,111              | 5270                | 138                    | 136         | 88.95                 | -3563      | 4052           | 1583                 | 1312                  | 270.62                  | 5.848             |                    |                    |      |
| 10,700                                                               | 5309                | 10,211              | 5269                | 140                    | 138         | 88.95                 | -3630      | 4126           | 1581                 | 1306                  | 275.72                  | 5.736             |                    |                    |      |
| 10,800                                                               | 5309                | 10,311              | 5269                | 142                    | 141         | 88.95                 | -3698      | 4200           | 1580                 | 1299                  | 280.83                  | 5.627             |                    |                    |      |
| 10,900                                                               | 5308                | 10,411              | 5268                | 145                    | 144         | 88.96                 | -3765      | 4274           | 1579                 | 1293                  | 285.94                  | 5.522             |                    |                    |      |
| 11,000                                                               | 5308                | 10,511              | 5268                | 147                    | 146         | 88.96                 | -3832      | 4348           | 1578                 | 1287                  | 291.05                  | 5.421             |                    |                    |      |
| 11,100                                                               | 5307                | 10,611              | 5267                | 150                    | 149         | 88.96                 | -3900      | 4422           | 1577                 | 1280                  | 296.16                  | 5.323             |                    |                    |      |
| 11,200                                                               | 5307                | 10,711              | 5267                | 152                    | 152         | 88.96                 | -3967      | 4496           | 1575                 | 1274                  | 301.28                  | 5.229             |                    |                    |      |
| 11,300                                                               | 5306                | 10,811              | 5266                | 155                    | 154         | 88.96                 | -4034      | 4570           | 1574                 | 1268                  | 306.39                  | 5.138             |                    |                    |      |
| 11,400                                                               | 5305                | 10,911              | 5266                | 157                    | 157         | 88.96                 | -4101      | 4643           | 1573                 | 1261                  | 311.51                  | 5.049             |                    |                    |      |
| 11,500                                                               | 5305                | 11,011              | 5265                | 159                    | 160         | 88.96                 | -4169      | 4717           | 1572                 | 1255                  | 316.63                  | 4.964             |                    |                    |      |
| 11,600                                                               | 5304                | 11,111              | 5265                | 162                    | 162         | 88.96                 | -4236      | 4791           | 1570                 | 1249                  | 321.75                  | 4.881             |                    |                    |      |
| 11,700                                                               | 5304                | 11,211              | 5264                | 164                    | 165         | 88.96                 | -4303      | 4865           | 1569                 | 1242                  | 326.87                  | 4.801             |                    |                    |      |
| 11,800                                                               | 5303                | 11,311              | 5264                | 167                    | 167         | 88.97                 | -4371      | 4939           | 1568                 | 1236                  | 332.00                  | 4.723             |                    |                    |      |
| 11,900                                                               | 5303                | 11,411              | 5263                | 169                    | 170         | 88.97                 | -4438      | 5013           | 1567                 | 1230                  | 337.12                  | 4.648             |                    |                    |      |
| 12,000                                                               | 5302                | 11,511              | 5263                | 172                    | 173         | 88.97                 | -4505      | 5087           | 1566                 | 1223                  | 342.25                  | 4.574             |                    |                    |      |
| 12,100                                                               | 5302                | 11,611              | 5262                | 174                    | 175         | 88.97                 | -4572      | 5161           | 1564                 | 1217                  | 347.37                  | 4.503             |                    |                    |      |
| 12,200                                                               | 5301                | 11,711              | 5262                | 177                    | 178         | 88.97                 | -4640      | 5235           | 1563                 | 1211                  | 352.50                  | 4.434             |                    |                    |      |
| 12,300                                                               | 5300                | 11,811              | 5261                | 179                    | 181         | 88.97                 | -4707      | 5309           | 1562                 | 1204                  | 357.63                  | 4.367             |                    |                    |      |
| 12,400                                                               | 5300                | 11,911              | 5261                | 182                    | 183         | 88.97                 | -4774      | 5383           | 1561                 | 1198                  | 362.76                  | 4.302             |                    |                    |      |
| 12,500                                                               | 5299                | 12,011              | 5260                | 184                    | 186         | 88.97                 | -4842      | 5457           | 1559                 | 1192                  | 367.89                  | 4.239             |                    |                    |      |
| 12,600                                                               | 5299                | 12,111              | 5260                | 186                    | 189         | 88.97                 | -4909      | 5531           | 1558                 | 1185                  | 373.03                  | 4.177             |                    |                    |      |
| 12,700                                                               | 5298                | 12,211              | 5259                | 189                    | 191         | 88.98                 | -4976      | 5605           | 1557                 | 1179                  | 378.16                  | 4.117             |                    |                    |      |
| 12,800                                                               | 5298                | 12,311              | 5259                | 191                    | 194         | 88.98                 | -5043      | 5679           | 1556                 | 1172                  | 383.29                  | 4.059             |                    |                    |      |
| 12,900                                                               | 5297                | 12,411              | 5258                | 194                    | 196         | 88.98                 | -5111      | 5753           | 1555                 | 1166                  | 388.43                  | 4.002             |                    |                    |      |
| 13,000                                                               | 5297                | 12,511              | 5258                | 196                    | 199         | 88.98                 | -5178      | 5827           | 1553                 | 1160                  | 393.56                  | 3.947             |                    |                    |      |
| 13,100                                                               | 5296                | 12,611              | 5257                | 199                    | 202         | 88.98                 | -5245      | 5901           | 1552                 | 1153                  | 398.70                  | 3.893             |                    |                    |      |
| 13,200                                                               | 5296                | 12,711              | 5257                | 201                    | 204         | 88.98                 | -5313      | 5975           | 1551                 | 1147                  | 403.84                  | 3.840             |                    |                    |      |
| 13,300                                                               | 5295                | 12,811              | 5256                | 204                    | 207         | 88.98                 | -5380      | 6049           | 1550                 | 1141                  | 408.98                  | 3.789             |                    |                    |      |
| 13,400                                                               | 5294                | 12,911              | 5256                | 206                    | 210         | 88.98                 | -5447      | 6123           | 1548                 | 1134                  | 414.12                  | 3.739             |                    |                    |      |
| 13,500                                                               | 5294                | 13,011              | 5255                | 209                    | 212         | 88.99                 | -5515      | 6197           | 1547                 | 1128                  | 419.25                  | 3.690             |                    |                    |      |
| 13,600                                                               | 5293                | 13,111              | 5255                | 211                    | 215         | 88.99                 | -5582      | 6271           | 1546                 | 1122                  | 424.39                  | 3.643             |                    |                    |      |
| 13,700                                                               | 5293                | 13,211              | 5254                | 214                    | 218         | 88.99                 | -5649      | 6345           | 1545                 | 1115                  | 429.54                  | 3.596             |                    |                    |      |
| 13,800                                                               | 5292                | 13,311              | 5254                | 216                    | 220         | 88.99                 | -5716      | 6419           | 1544                 | 1109                  | 434.68                  | 3.551             |                    |                    |      |
| 13,900                                                               | 5292                | 13,411              | 5253                | 219                    | 223         | 88.99                 | -5784      | 6493           | 1542                 | 1102                  | 439.82                  | 3.507             |                    |                    |      |
| 14,000                                                               | 5291                | 13,511              | 5253                | 221                    | 225         | 88.99                 | -5851      | 6566           | 1541                 | 1096                  | 444.96                  | 3.463             |                    |                    |      |
| 14,100                                                               | 5291                | 13,611              | 5252                | 224                    | 228         | 88.99                 | -5918      | 6640           | 1540                 | 1090                  | 450.10                  | 3.421             |                    |                    |      |



## Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsoie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                             |                       |                       |                       |                        |               |                          |                               |              |                        |                         |                           |                          |                           |      |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|--------------------------|-------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - Pre-Drill |                       |                       |                       |                        |               |                          |                               |              |                        |                         |                           |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+HDGM                                           |                       |                       |                       |                        |               |                          |                               |              |                        |                         |                           |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                            |                       | <b>Offset</b>         |                       | <b>Semi Major Axis</b> |               | <b>Highside Toolface</b> | <b>Offset Wellbore Centre</b> |              | <b>Distance</b>        |                         | <b>Rule Assigned:</b>     |                          | <b>Warning</b>            |      |
| <b>Measured Depth</b>                                                       | <b>Vertical Depth</b> | <b>Measured Depth</b> | <b>Vertical Depth</b> | <b>Reference</b>       | <b>Offset</b> |                          | <b>+N/-S</b>                  | <b>+E/-W</b> | <b>Between Centres</b> | <b>Between Ellipses</b> | <b>Minimum Separation</b> | <b>Separation Factor</b> |                           |      |
| (ft)                                                                        | (ft)                  | (ft)                  | (ft)                  | (ft)                   | (ft)          | (°)                      | (ft)                          | (ft)         | (ft)                   | (ft)                    | (ft)                      |                          |                           |      |
| 14,200                                                                      | 5290                  | 13,711                | 5252                  | 226                    | 231           | 88.99                    | -5986                         | 6714         | 1539                   | 1083                    | 455.25                    | 3.380                    |                           |      |
| 14,300                                                                      | 5289                  | 13,811                | 5251                  | 229                    | 233           | 88.99                    | -6053                         | 6788         | 1537                   | 1077                    | 460.39                    | 3.339                    |                           |      |
| 14,400                                                                      | 5289                  | 13,911                | 5251                  | 231                    | 236           | 89.00                    | -6120                         | 6862         | 1536                   | 1071                    | 465.54                    | 3.300                    |                           |      |
| 14,500                                                                      | 5288                  | 14,011                | 5250                  | 234                    | 239           | 89.00                    | -6187                         | 6936         | 1535                   | 1064                    | 470.68                    | 3.261                    |                           |      |
| 14,600                                                                      | 5288                  | 14,111                | 5250                  | 236                    | 241           | 89.00                    | -6255                         | 7010         | 1534                   | 1058                    | 475.83                    | 3.223                    |                           |      |
| 14,700                                                                      | 5287                  | 14,211                | 5249                  | 238                    | 244           | 89.00                    | -6322                         | 7084         | 1533                   | 1052                    | 480.97                    | 3.186                    |                           |      |
| 14,800                                                                      | 5287                  | 14,311                | 5249                  | 241                    | 247           | 89.00                    | -6389                         | 7158         | 1531                   | 1045                    | 486.12                    | 3.150                    |                           |      |
| 14,900                                                                      | 5286                  | 14,411                | 5248                  | 243                    | 249           | 89.00                    | -6457                         | 7232         | 1530                   | 1039                    | 491.27                    | 3.115                    |                           |      |
| 15,000                                                                      | 5286                  | 14,511                | 5248                  | 246                    | 252           | 89.00                    | -6524                         | 7306         | 1529                   | 1032                    | 496.41                    | 3.080                    |                           |      |
| 15,100                                                                      | 5285                  | 14,611                | 5247                  | 248                    | 255           | 89.00                    | -6591                         | 7380         | 1528                   | 1026                    | 501.56                    | 3.046                    |                           |      |
| 15,200                                                                      | 5285                  | 14,711                | 5247                  | 251                    | 257           | 89.01                    | -6658                         | 7454         | 1526                   | 1020                    | 506.71                    | 3.012                    |                           |      |
| 15,300                                                                      | 5284                  | 14,811                | 5246                  | 253                    | 260           | 89.01                    | -6726                         | 7528         | 1525                   | 1013                    | 511.86                    | 2.980                    |                           |      |
| 15,400                                                                      | 5283                  | 14,911                | 5246                  | 256                    | 262           | 89.01                    | -6793                         | 7602         | 1524                   | 1007                    | 517.01                    | 2.948                    |                           |      |
| 15,473                                                                      | 5283                  | 14,984                | 5246                  | 258                    | 264           | 89.01                    | -6842                         | 7656         | 1523                   | 1002                    | 520.78                    | 2.925 SF                 |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                                   |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          |                           |      |
|-----------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - Pre-Drill Rev 1 |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 0-MWD+HDGM                                                 |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                                  | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Distance</b>       |                    | <b>Rule Assigned:</b>        |                   | <b>Warning</b>    |                             |                              |                                |                          |                           |      |
| <b>Measured Depth (ft)</b>                                                        | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 0                                                                                 | 0                          | 0                          | 0                          | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          |                              |                                |                          |                           |      |
| 100                                                                               | 100                        | 100                        | 100                        | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          | 60                           | 0.27                           | 223.261                  |                           |      |
| 200                                                                               | 200                        | 200                        | 200                        | 0                     | 0                  | 151.55                       | -53               | 29                | 60                          | 59                           | 0.99                           | 60.898                   |                           |      |
| 300                                                                               | 300                        | 300                        | 300                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 1.70                           | 35.257                   |                           |      |
| 400                                                                               | 400                        | 400                        | 400                        | 1                     | 1                  | 151.55                       | -53               | 29                | 60                          | 58                           | 2.42                           | 24.811 CC, ES            |                           |      |
| 500                                                                               | 500                        | 499                        | 499                        | 2                     | 2                  | 103.87                       | -53               | 29                | 61                          | 58                           | 3.13                           | 19.435                   |                           |      |
| 600                                                                               | 600                        | 598                        | 598                        | 2                     | 2                  | 106.21                       | -54               | 32                | 65                          | 61                           | 3.82                           | 16.904                   |                           |      |
| 700                                                                               | 699                        | 697                        | 696                        | 2                     | 2                  | 109.32                       | -56               | 38                | 71                          | 67                           | 4.54                           | 15.754                   |                           |      |
| 800                                                                               | 799                        | 796                        | 796                        | 3                     | 3                  | 114.05                       | -58               | 44                | 80                          | 75                           | 5.27                           | 15.174                   |                           |      |
| 900                                                                               | 897                        | 895                        | 895                        | 3                     | 3                  | 119.73                       | -61               | 50                | 91                          | 85                           | 6.03                           | 15.046                   |                           |      |
| 1000                                                                              | 996                        | 994                        | 993                        | 4                     | 3                  | 125.68                       | -63               | 55                | 104                         | 97                           | 6.79                           | 15.318                   |                           |      |
| 1100                                                                              | 1093                       | 1092                       | 1091                       | 4                     | 4                  | 131.41                       | -65               | 61                | 121                         | 113                          | 7.57                           | 15.938                   |                           |      |
| 1200                                                                              | 1190                       | 1189                       | 1188                       | 5                     | 4                  | 136.61                       | -67               | 67                | 141                         | 132                          | 8.35                           | 16.853                   |                           |      |
| 1300                                                                              | 1285                       | 1285                       | 1284                       | 5                     | 4                  | 141.19                       | -69               | 73                | 164                         | 155                          | 9.13                           | 18.010                   |                           |      |
| 1400                                                                              | 1380                       | 1380                       | 1379                       | 6                     | 5                  | 145.11                       | -71               | 78                | 192                         | 182                          | 9.90                           | 19.358                   |                           |      |
| 1486                                                                              | 1461                       | 1462                       | 1460                       | 6                     | 5                  | 148.02                       | -73               | 83                | 218                         | 208                          | 10.57                          | 20.646                   |                           |      |
| 1500                                                                              | 1473                       | 1475                       | 1473                       | 6                     | 5                  | 148.49                       | -73               | 84                | 223                         | 212                          | 10.67                          | 20.849                   |                           |      |
| 1600                                                                              | 1566                       | 1569                       | 1567                       | 7                     | 5                  | 151.42                       | -75               | 89                | 255                         | 244                          | 11.43                          | 22.318                   |                           |      |
| 1700                                                                              | 1659                       | 1662                       | 1660                       | 8                     | 6                  | 153.70                       | -77               | 95                | 288                         | 276                          | 12.19                          | 23.644                   |                           |      |
| 1800                                                                              | 1752                       | 1756                       | 1754                       | 9                     | 6                  | 155.50                       | -79               | 100               | 322                         | 309                          | 12.94                          | 24.839                   |                           |      |
| 1900                                                                              | 1845                       | 1850                       | 1848                       | 9                     | 6                  | 156.97                       | -81               | 106               | 355                         | 341                          | 13.70                          | 25.917                   |                           |      |
| 2000                                                                              | 1938                       | 1944                       | 1941                       | 10                    | 7                  | 158.19                       | -83               | 111               | 389                         | 374                          | 14.46                          | 26.891                   |                           |      |
| 2100                                                                              | 2031                       | 2038                       | 2035                       | 11                    | 7                  | 159.21                       | -85               | 117               | 423                         | 408                          | 15.22                          | 27.774                   |                           |      |
| 2200                                                                              | 2123                       | 2132                       | 2128                       | 12                    | 7                  | 160.09                       | -87               | 122               | 457                         | 441                          | 15.98                          | 28.577                   |                           |      |
| 2300                                                                              | 2216                       | 2225                       | 2222                       | 13                    | 8                  | 160.84                       | -89               | 128               | 491                         | 474                          | 16.75                          | 29.310                   |                           |      |
| 2400                                                                              | 2309                       | 2319                       | 2316                       | 13                    | 8                  | 161.49                       | -91               | 134               | 525                         | 508                          | 17.51                          | 29.980                   |                           |      |
| 2500                                                                              | 2402                       | 2413                       | 2409                       | 14                    | 9                  | 162.07                       | -93               | 139               | 559                         | 541                          | 18.28                          | 30.596                   |                           |      |
| 2600                                                                              | 2495                       | 2507                       | 2503                       | 15                    | 9                  | 162.57                       | -96               | 145               | 593                         | 574                          | 19.04                          | 31.163                   |                           |      |
| 2700                                                                              | 2588                       | 2601                       | 2597                       | 16                    | 9                  | 163.03                       | -98               | 150               | 628                         | 608                          | 19.81                          | 31.686                   |                           |      |
| 2800                                                                              | 2681                       | 2695                       | 2690                       | 16                    | 10                 | 163.43                       | -100              | 156               | 662                         | 641                          | 20.58                          | 32.171                   |                           |      |
| 2900                                                                              | 2774                       | 2788                       | 2784                       | 17                    | 10                 | 163.80                       | -102              | 161               | 696                         | 675                          | 21.35                          | 32.621                   |                           |      |
| 3000                                                                              | 2867                       | 2882                       | 2878                       | 18                    | 10                 | 164.13                       | -104              | 167               | 731                         | 709                          | 22.12                          | 33.039                   |                           |      |
| 3100                                                                              | 2959                       | 2976                       | 2971                       | 19                    | 11                 | 164.43                       | -106              | 172               | 765                         | 742                          | 22.89                          | 33.429                   |                           |      |
| 3200                                                                              | 3052                       | 3070                       | 3065                       | 20                    | 11                 | 164.71                       | -108              | 178               | 800                         | 776                          | 23.66                          | 33.794                   |                           |      |
| 3300                                                                              | 3145                       | 3164                       | 3159                       | 20                    | 11                 | 164.96                       | -110              | 183               | 834                         | 810                          | 24.43                          | 34.136                   |                           |      |
| 3400                                                                              | 3238                       | 3258                       | 3252                       | 21                    | 12                 | 165.20                       | -112              | 189               | 868                         | 843                          | 25.20                          | 34.456                   |                           |      |
| 3500                                                                              | 3331                       | 3351                       | 3346                       | 22                    | 12                 | 165.41                       | -114              | 194               | 903                         | 877                          | 25.98                          | 34.758                   |                           |      |
| 3600                                                                              | 3424                       | 3445                       | 3439                       | 23                    | 12                 | 165.61                       | -116              | 200               | 937                         | 911                          | 26.75                          | 35.041                   |                           |      |
| 3700                                                                              | 3517                       | 3539                       | 3533                       | 24                    | 13                 | 165.80                       | -118              | 205               | 972                         | 944                          | 27.52                          | 35.309                   |                           |      |
| 3800                                                                              | 3610                       | 3633                       | 3627                       | 24                    | 13                 | 165.97                       | -120              | 211               | 1006                        | 978                          | 28.30                          | 35.562                   |                           |      |
| 3900                                                                              | 3703                       | 3727                       | 3720                       | 25                    | 13                 | 166.13                       | -122              | 216               | 1041                        | 1012                         | 29.07                          | 35.801                   |                           |      |
| 4000                                                                              | 3796                       | 3820                       | 3814                       | 26                    | 14                 | 166.28                       | -124              | 222               | 1075                        | 1045                         | 29.84                          | 36.027                   |                           |      |
| 4100                                                                              | 3888                       | 3914                       | 3908                       | 27                    | 14                 | 166.42                       | -126              | 228               | 1110                        | 1079                         | 30.62                          | 36.242                   |                           |      |
| 4200                                                                              | 3981                       | 4008                       | 4001                       | 28                    | 14                 | 166.56                       | -128              | 233               | 1144                        | 1113                         | 31.39                          | 36.446                   |                           |      |
| 4300                                                                              | 4074                       | 4102                       | 4095                       | 28                    | 15                 | 166.68                       | -130              | 239               | 1179                        | 1147                         | 32.17                          | 36.640                   |                           |      |
| 4400                                                                              | 4167                       | 4196                       | 4189                       | 29                    | 15                 | 166.80                       | -132              | 244               | 1213                        | 1180                         | 32.94                          | 36.825                   |                           |      |
| 4500                                                                              | 4260                       | 4290                       | 4282                       | 30                    | 15                 | 166.91                       | -134              | 250               | 1248                        | 1214                         | 33.72                          | 37.001                   |                           |      |
| 4600                                                                              | 4353                       | 4383                       | 4376                       | 31                    | 16                 | 167.02                       | -136              | 255               | 1282                        | 1248                         | 34.50                          | 37.170                   |                           |      |
| 4700                                                                              | 4446                       | 4477                       | 4470                       | 32                    | 16                 | 167.12                       | -138              | 261               | 1317                        | 1281                         | 35.27                          | 37.330                   |                           |      |
| 4800                                                                              | 4539                       | 4571                       | 4563                       | 32                    | 16                 | 167.21                       | -140              | 266               | 1351                        | 1315                         | 36.05                          | 37.483                   |                           |      |
| 4900                                                                              | 4632                       | 4665                       | 4657                       | 33                    | 17                 | 167.30                       | -142              | 272               | 1386                        | 1349                         | 36.83                          | 37.630                   |                           |      |
| 5000                                                                              | 4724                       | 4750                       | 4742                       | 34                    | 17                 | 167.29                       | -146              | 278               | 1421                        | 1383                         | 37.55                          | 37.827                   |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: I10 2308 Pad - # 110H - Original drilling - Pre-Drill Rev 1 |                     |                     |                     |                 |             |                        |            |            |                      |                       |                         |                   | Offset Site Error: 0 ft |  |
|----------------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|------------------------|------------|------------|----------------------|-----------------------|-------------------------|-------------------|-------------------------|--|
| Survey Program: 0-MWD+HDGM                                                 |                     | Offset              |                     | Semi Major Axis |             | Offset Wellbore Centre |            |            | Rule Assigned:       |                       |                         |                   | Offset Well Error: 0 ft |  |
| Measured Depth (ft)                                                        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°)  | +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning                 |  |
| 5045                                                                       | 4767                | 4783                | 4774                | 34              | 17          | 167.17                 | -149       | 283        | 1437                 | 1399                  | 37.86                   | 37.942            |                         |  |
| 5050                                                                       | 4771                | 4787                | 4778                | 34              | 17          | 165.93                 | -149       | 283        | 1438                 | 1400                  | 37.90                   | 37.953            |                         |  |
| 5100                                                                       | 4817                | 4825                | 4815                | 35              | 17          | 153.31                 | -154       | 290        | 1456                 | 1418                  | 38.27                   | 38.049            |                         |  |
| 5150                                                                       | 4863                | 4863                | 4851                | 35              | 18          | 141.99                 | -161       | 299        | 1473                 | 1435                  | 38.65                   | 38.120            |                         |  |
| 5200                                                                       | 4908                | 4900                | 4886                | 36              | 18          | 132.27                 | -169       | 309        | 1490                 | 1451                  | 39.05                   | 38.170            |                         |  |
| 5250                                                                       | 4952                | 4939                | 4922                | 36              | 18          | 124.11                 | -179       | 321        | 1507                 | 1468                  | 39.48                   | 38.170            |                         |  |
| 5300                                                                       | 4995                | 4977                | 4956                | 36              | 18          | 117.32                 | -189       | 334        | 1523                 | 1483                  | 39.93                   | 38.141            |                         |  |
| 5350                                                                       | 5036                | 5015                | 4989                | 37              | 18          | 111.67                 | -202       | 348        | 1538                 | 1498                  | 40.40                   | 38.069            |                         |  |
| 5400                                                                       | 5076                | 5050                | 5018                | 37              | 19          | 106.96                 | -214       | 363        | 1552                 | 1512                  | 40.87                   | 37.989            |                         |  |
| 5450                                                                       | 5113                | 5091                | 5051                | 38              | 19          | 103.02                 | -231       | 382        | 1566                 | 1525                  | 41.45                   | 37.777            |                         |  |
| 5500                                                                       | 5148                | 5130                | 5081                | 38              | 19          | 99.72                  | -247       | 401        | 1579                 | 1536                  | 42.04                   | 37.545            |                         |  |
| 5550                                                                       | 5181                | 5169                | 5109                | 39              | 19          | 96.96                  | -265       | 422        | 1590                 | 1547                  | 42.69                   | 37.250            |                         |  |
| 5600                                                                       | 5211                | 5208                | 5135                | 39              | 20          | 94.66                  | -284       | 443        | 1600                 | 1557                  | 43.39                   | 36.889            |                         |  |
| 5650                                                                       | 5238                | 5250                | 5161                | 39              | 20          | 92.76                  | -305       | 468        | 1610                 | 1566                  | 44.19                   | 36.431            |                         |  |
| 5700                                                                       | 5262                | 5288                | 5183                | 40              | 20          | 91.21                  | -326       | 491        | 1618                 | 1573                  | 44.99                   | 35.957            |                         |  |
| 5750                                                                       | 5283                | 5329                | 5205                | 40              | 21          | 89.99                  | -349       | 517        | 1625                 | 1579                  | 45.91                   | 35.387            |                         |  |
| 5800                                                                       | 5300                | 5369                | 5224                | 41              | 21          | 89.06                  | -373       | 544        | 1630                 | 1583                  | 46.91                   | 34.753            |                         |  |
| 5850                                                                       | 5314                | 5411                | 5241                | 41              | 22          | 88.41                  | -398       | 571        | 1635                 | 1587                  | 47.99                   | 34.060            |                         |  |
| 5900                                                                       | 5325                | 5450                | 5255                | 42              | 22          | 88.01                  | -422       | 599        | 1638                 | 1589                  | 49.10                   | 33.353            |                         |  |
| 5950                                                                       | 5331                | 5494                | 5268                | 42              | 23          | 87.88                  | -450       | 630        | 1639                 | 1589                  | 50.40                   | 32.524            |                         |  |
| 6000                                                                       | 5335                | 5537                | 5277                | 43              | 23          | 87.98                  | -478       | 661        | 1640                 | 1588                  | 51.73                   | 31.699            |                         |  |
| 6024                                                                       | 5335                | 5557                | 5281                | 43              | 24          | 88.12                  | -492       | 676        | 1639                 | 1587                  | 52.38                   | 31.297            |                         |  |
| 6100                                                                       | 5335                | 5626                | 5289                | 44              | 25          | 88.40                  | -538       | 726        | 1638                 | 1583                  | 54.66                   | 29.971            |                         |  |
| 6200                                                                       | 5334                | 5725                | 5297                | 45              | 26          | 88.72                  | -604       | 800        | 1637                 | 1579                  | 58.12                   | 28.160            |                         |  |
| 6300                                                                       | 5333                | 5823                | 5302                | 46              | 28          | 88.90                  | -670       | 872        | 1635                 | 1574                  | 61.75                   | 26.484            |                         |  |
| 6400                                                                       | 5333                | 5922                | 5302                | 47              | 30          | 88.91                  | -737       | 945        | 1634                 | 1569                  | 65.61                   | 24.905            |                         |  |
| 6500                                                                       | 5332                | 6022                | 5301                | 48              | 32          | 88.91                  | -804       | 1019       | 1633                 | 1563                  | 69.65                   | 23.443            |                         |  |
| 6600                                                                       | 5332                | 6122                | 5301                | 50              | 34          | 88.91                  | -871       | 1093       | 1632                 | 1558                  | 73.84                   | 22.099            |                         |  |
| 6700                                                                       | 5331                | 6222                | 5300                | 51              | 37          | 88.91                  | -939       | 1167       | 1630                 | 1552                  | 78.14                   | 20.867            |                         |  |
| 6800                                                                       | 5331                | 6322                | 5300                | 53              | 39          | 88.91                  | -1006      | 1241       | 1629                 | 1547                  | 82.54                   | 19.739            |                         |  |
| 6900                                                                       | 5330                | 6422                | 5299                | 55              | 41          | 88.91                  | -1073      | 1315       | 1628                 | 1541                  | 87.02                   | 18.708            |                         |  |
| 7000                                                                       | 5330                | 6522                | 5299                | 57              | 44          | 88.91                  | -1141      | 1389       | 1627                 | 1535                  | 91.58                   | 17.763            |                         |  |
| 7100                                                                       | 5329                | 6622                | 5298                | 58              | 46          | 88.91                  | -1208      | 1463       | 1626                 | 1529                  | 96.20                   | 16.897            |                         |  |
| 7200                                                                       | 5329                | 6722                | 5298                | 60              | 48          | 88.91                  | -1275      | 1537       | 1624                 | 1523                  | 100.87                  | 16.103            |                         |  |
| 7300                                                                       | 5328                | 6822                | 5297                | 62              | 51          | 88.91                  | -1342      | 1611       | 1623                 | 1518                  | 105.59                  | 15.371            |                         |  |
| 7400                                                                       | 5327                | 6922                | 5297                | 64              | 53          | 88.91                  | -1410      | 1685       | 1622                 | 1512                  | 110.35                  | 14.698            |                         |  |
| 7500                                                                       | 5327                | 7022                | 5296                | 66              | 56          | 88.92                  | -1477      | 1759       | 1621                 | 1506                  | 115.14                  | 14.075            |                         |  |
| 7600                                                                       | 5326                | 7122                | 5296                | 68              | 58          | 88.92                  | -1544      | 1833       | 1619                 | 1499                  | 119.97                  | 13.499            |                         |  |
| 7700                                                                       | 5326                | 7222                | 5295                | 70              | 61          | 88.92                  | -1612      | 1907       | 1618                 | 1493                  | 124.82                  | 12.964            |                         |  |
| 7800                                                                       | 5325                | 7322                | 5295                | 72              | 63          | 88.92                  | -1679      | 1981       | 1617                 | 1487                  | 129.70                  | 12.467            |                         |  |
| 7900                                                                       | 5325                | 7422                | 5294                | 75              | 66          | 88.92                  | -1746      | 2055       | 1616                 | 1481                  | 134.59                  | 12.005            |                         |  |
| 8000                                                                       | 5324                | 7522                | 5294                | 77              | 68          | 88.92                  | -1814      | 2129       | 1615                 | 1475                  | 139.51                  | 11.573            |                         |  |
| 8100                                                                       | 5324                | 7622                | 5293                | 79              | 71          | 88.92                  | -1881      | 2203       | 1613                 | 1469                  | 144.45                  | 11.169            |                         |  |
| 8200                                                                       | 5323                | 7722                | 5293                | 81              | 73          | 88.92                  | -1948      | 2277       | 1612                 | 1463                  | 149.40                  | 10.791            |                         |  |
| 8300                                                                       | 5322                | 7822                | 5292                | 83              | 76          | 88.92                  | -2015      | 2351       | 1611                 | 1457                  | 154.36                  | 10.436            |                         |  |
| 8400                                                                       | 5322                | 7922                | 5292                | 86              | 79          | 88.92                  | -2083      | 2425       | 1610                 | 1450                  | 159.34                  | 10.102            |                         |  |
| 8500                                                                       | 5321                | 8022                | 5291                | 88              | 81          | 88.92                  | -2150      | 2499       | 1608                 | 1444                  | 164.32                  | 9.788             |                         |  |
| 8600                                                                       | 5321                | 8122                | 5291                | 90              | 84          | 88.93                  | -2217      | 2573       | 1607                 | 1438                  | 169.32                  | 9.492             |                         |  |
| 8700                                                                       | 5320                | 8222                | 5290                | 92              | 86          | 88.93                  | -2285      | 2647       | 1606                 | 1432                  | 174.33                  | 9.212             |                         |  |
| 8800                                                                       | 5320                | 8322                | 5290                | 95              | 89          | 88.93                  | -2352      | 2721       | 1605                 | 1425                  | 179.35                  | 8.948             |                         |  |
| 8900                                                                       | 5319                | 8422                | 5289                | 97              | 91          | 88.93                  | -2419      | 2794       | 1604                 | 1419                  | 184.38                  | 8.697             |                         |  |
| 9000                                                                       | 5319                | 8522                | 5289                | 99              | 94          | 88.93                  | -2486      | 2868       | 1602                 | 1413                  | 189.41                  | 8.459             |                         |  |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                                   |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          |
|-----------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|
| <b>Offset Design:</b> I10 2308 Pad - # 110H - Original drilling - Pre-Drill Rev 1 |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              | <b>Offset Site Error:</b>      | 0 ft                     |
| <b>Survey Program:</b> 0-MWD+HDGM                                                 |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              | <b>Offset Well Error:</b>      | 0 ft                     |
| <b>Reference</b>                                                                  | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Distance</b>       |                    | <b>Rule Assigned:</b>        |                   | <b>Warning</b>    |                             |                              |                                |                          |
| <b>Measured Depth (ft)</b>                                                        | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |
| 9100                                                                              | 5318                       | 8622                       | 5288                       | 102                   | 97                 | 88.93                        | -2554             | 2942              | 1601                        | 1407                         | 194.45                         | 8.234                    |
| 9200                                                                              | 5318                       | 8722                       | 5288                       | 104                   | 99                 | 88.93                        | -2621             | 3016              | 1600                        | 1400                         | 199.50                         | 8.019                    |
| 9300                                                                              | 5317                       | 8822                       | 5287                       | 106                   | 102                | 88.93                        | -2688             | 3090              | 1599                        | 1394                         | 204.55                         | 7.815                    |
| 9400                                                                              | 5316                       | 8922                       | 5287                       | 109                   | 104                | 88.93                        | -2756             | 3164              | 1597                        | 1388                         | 209.61                         | 7.621                    |
| 9500                                                                              | 5316                       | 9022                       | 5286                       | 111                   | 107                | 88.93                        | -2823             | 3238              | 1596                        | 1382                         | 214.67                         | 7.436                    |
| 9600                                                                              | 5315                       | 9122                       | 5286                       | 114                   | 110                | 88.93                        | -2890             | 3312              | 1595                        | 1375                         | 219.74                         | 7.258                    |
| 9700                                                                              | 5315                       | 9222                       | 5285                       | 116                   | 112                | 88.93                        | -2957             | 3386              | 1594                        | 1369                         | 224.81                         | 7.089                    |
| 9800                                                                              | 5314                       | 9322                       | 5285                       | 118                   | 115                | 88.94                        | -3025             | 3460              | 1593                        | 1363                         | 229.89                         | 6.927                    |
| 9900                                                                              | 5314                       | 9422                       | 5284                       | 121                   | 118                | 88.94                        | -3092             | 3534              | 1591                        | 1356                         | 234.97                         | 6.772                    |
| 10,000                                                                            | 5313                       | 9522                       | 5284                       | 123                   | 120                | 88.94                        | -3159             | 3608              | 1590                        | 1350                         | 240.05                         | 6.624                    |
| 10,100                                                                            | 5313                       | 9622                       | 5283                       | 125                   | 123                | 88.94                        | -3227             | 3682              | 1589                        | 1344                         | 245.14                         | 6.481                    |
| 10,200                                                                            | 5312                       | 9722                       | 5283                       | 128                   | 125                | 88.94                        | -3294             | 3756              | 1588                        | 1337                         | 250.23                         | 6.345                    |
| 10,300                                                                            | 5311                       | 9822                       | 5282                       | 130                   | 128                | 88.94                        | -3361             | 3830              | 1586                        | 1331                         | 255.32                         | 6.213                    |
| 10,400                                                                            | 5311                       | 9922                       | 5282                       | 133                   | 131                | 88.94                        | -3428             | 3904              | 1585                        | 1325                         | 260.42                         | 6.087                    |
| 10,500                                                                            | 5310                       | 10,022                     | 5281                       | 135                   | 133                | 88.94                        | -3496             | 3978              | 1584                        | 1318                         | 265.52                         | 5.965                    |
| 10,600                                                                            | 5310                       | 10,122                     | 5281                       | 138                   | 136                | 88.94                        | -3563             | 4052              | 1583                        | 1312                         | 270.62                         | 5.848                    |
| 10,700                                                                            | 5309                       | 10,222                     | 5280                       | 140                   | 138                | 88.94                        | -3630             | 4126              | 1581                        | 1306                         | 275.72                         | 5.736                    |
| 10,800                                                                            | 5309                       | 10,322                     | 5279                       | 142                   | 141                | 88.94                        | -3698             | 4200              | 1580                        | 1299                         | 280.83                         | 5.627                    |
| 10,900                                                                            | 5308                       | 10,422                     | 5279                       | 145                   | 144                | 88.94                        | -3765             | 4274              | 1579                        | 1293                         | 285.94                         | 5.522                    |
| 11,000                                                                            | 5308                       | 10,522                     | 5278                       | 147                   | 146                | 88.95                        | -3832             | 4348              | 1578                        | 1287                         | 291.05                         | 5.421                    |
| 11,100                                                                            | 5307                       | 10,622                     | 5278                       | 150                   | 149                | 88.95                        | -3900             | 4422              | 1577                        | 1280                         | 296.16                         | 5.323                    |
| 11,200                                                                            | 5307                       | 10,722                     | 5277                       | 152                   | 152                | 88.95                        | -3967             | 4496              | 1575                        | 1274                         | 301.28                         | 5.229                    |
| 11,300                                                                            | 5306                       | 10,822                     | 5277                       | 155                   | 154                | 88.95                        | -4034             | 4570              | 1574                        | 1268                         | 306.39                         | 5.138                    |
| 11,400                                                                            | 5305                       | 10,922                     | 5276                       | 157                   | 157                | 88.95                        | -4101             | 4643              | 1573                        | 1261                         | 311.51                         | 5.049                    |
| 11,500                                                                            | 5305                       | 11,022                     | 5276                       | 159                   | 160                | 88.95                        | -4169             | 4717              | 1572                        | 1255                         | 316.63                         | 4.964                    |
| 11,600                                                                            | 5304                       | 11,122                     | 5275                       | 162                   | 162                | 88.95                        | -4236             | 4791              | 1570                        | 1249                         | 321.75                         | 4.881                    |
| 11,700                                                                            | 5304                       | 11,222                     | 5275                       | 164                   | 165                | 88.95                        | -4303             | 4865              | 1569                        | 1242                         | 326.87                         | 4.801                    |
| 11,800                                                                            | 5303                       | 11,322                     | 5274                       | 167                   | 167                | 88.95                        | -4371             | 4939              | 1568                        | 1236                         | 331.99                         | 4.723                    |
| 11,900                                                                            | 5303                       | 11,422                     | 5274                       | 169                   | 170                | 88.95                        | -4438             | 5013              | 1567                        | 1230                         | 337.12                         | 4.648                    |
| 12,000                                                                            | 5302                       | 11,522                     | 5273                       | 172                   | 173                | 88.95                        | -4505             | 5087              | 1566                        | 1223                         | 342.25                         | 4.574                    |
| 12,100                                                                            | 5302                       | 11,622                     | 5273                       | 174                   | 175                | 88.96                        | -4572             | 5161              | 1564                        | 1217                         | 347.37                         | 4.503                    |
| 12,200                                                                            | 5301                       | 11,722                     | 5272                       | 177                   | 178                | 88.96                        | -4640             | 5235              | 1563                        | 1211                         | 352.50                         | 4.434                    |
| 12,300                                                                            | 5300                       | 11,822                     | 5272                       | 179                   | 181                | 88.96                        | -4707             | 5309              | 1562                        | 1204                         | 357.63                         | 4.367                    |
| 12,400                                                                            | 5300                       | 11,922                     | 5271                       | 182                   | 183                | 88.96                        | -4774             | 5383              | 1561                        | 1198                         | 362.76                         | 4.302                    |
| 12,500                                                                            | 5299                       | 12,022                     | 5271                       | 184                   | 186                | 88.96                        | -4842             | 5457              | 1559                        | 1192                         | 367.89                         | 4.239                    |
| 12,600                                                                            | 5299                       | 12,122                     | 5270                       | 186                   | 189                | 88.96                        | -4909             | 5531              | 1558                        | 1185                         | 373.02                         | 4.177                    |
| 12,700                                                                            | 5298                       | 12,222                     | 5270                       | 189                   | 191                | 88.96                        | -4976             | 5605              | 1557                        | 1179                         | 378.16                         | 4.117                    |
| 12,800                                                                            | 5298                       | 12,322                     | 5269                       | 191                   | 194                | 88.96                        | -5043             | 5679              | 1556                        | 1172                         | 383.29                         | 4.059                    |
| 12,900                                                                            | 5297                       | 12,422                     | 5269                       | 194                   | 196                | 88.96                        | -5111             | 5753              | 1555                        | 1166                         | 388.43                         | 4.002                    |
| 13,000                                                                            | 5297                       | 12,522                     | 5268                       | 196                   | 199                | 88.96                        | -5178             | 5827              | 1553                        | 1160                         | 393.56                         | 3.947                    |
| 13,100                                                                            | 5296                       | 12,622                     | 5268                       | 199                   | 202                | 88.96                        | -5245             | 5901              | 1552                        | 1153                         | 398.70                         | 3.893                    |
| 13,200                                                                            | 5296                       | 12,722                     | 5267                       | 201                   | 204                | 88.97                        | -5313             | 5975              | 1551                        | 1147                         | 403.84                         | 3.840                    |
| 13,300                                                                            | 5295                       | 12,822                     | 5267                       | 204                   | 207                | 88.97                        | -5380             | 6049              | 1550                        | 1141                         | 408.97                         | 3.789                    |
| 13,400                                                                            | 5294                       | 12,922                     | 5266                       | 206                   | 210                | 88.97                        | -5447             | 6123              | 1548                        | 1134                         | 414.11                         | 3.739                    |
| 13,500                                                                            | 5294                       | 13,022                     | 5266                       | 209                   | 212                | 88.97                        | -5514             | 6197              | 1547                        | 1128                         | 419.25                         | 3.690                    |
| 13,600                                                                            | 5293                       | 13,122                     | 5265                       | 211                   | 215                | 88.97                        | -5582             | 6271              | 1546                        | 1122                         | 424.39                         | 3.643                    |
| 13,700                                                                            | 5293                       | 13,222                     | 5265                       | 214                   | 218                | 88.97                        | -5649             | 6345              | 1545                        | 1115                         | 429.53                         | 3.596                    |
| 13,800                                                                            | 5292                       | 13,322                     | 5264                       | 216                   | 220                | 88.97                        | -5716             | 6419              | 1544                        | 1109                         | 434.67                         | 3.551                    |
| 13,900                                                                            | 5292                       | 13,422                     | 5264                       | 219                   | 223                | 88.97                        | -5784             | 6493              | 1542                        | 1103                         | 439.82                         | 3.507                    |
| 14,000                                                                            | 5291                       | 13,522                     | 5263                       | 221                   | 225                | 88.97                        | -5851             | 6566              | 1541                        | 1096                         | 444.96                         | 3.463                    |
| 14,100                                                                            | 5291                       | 13,622                     | 5263                       | 224                   | 228                | 88.97                        | -5918             | 6640              | 1540                        | 1090                         | 450.10                         | 3.421                    |
| 14,200                                                                            | 5290                       | 13,722                     | 5262                       | 226                   | 231                | 88.97                        | -5986             | 6714              | 1539                        | 1083                         | 455.25                         | 3.380                    |



**Lonestar Consulting, LLC**  
Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsoie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                            |                |                |                |                 |        |                        |       |       |                         |                  |                    |                   |                         |  |
|----------------------------------------------------------------------------|----------------|----------------|----------------|-----------------|--------|------------------------|-------|-------|-------------------------|------------------|--------------------|-------------------|-------------------------|--|
| Offset Design: I10 2308 Pad - # 110H - Original drilling - Pre-Drill Rev 1 |                |                |                |                 |        |                        |       |       |                         |                  |                    |                   | Offset Site Error: 0 ft |  |
| Survey Program: 0-MWD+HDGM                                                 |                | Offset         |                | Semi Major Axis |        | Offset Wellbore Centre |       |       | Rule Assigned: Distance |                  |                    |                   | Offset Well Error: 0 ft |  |
| Measured Depth                                                             | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface      | +N/-S | +E/-W | Between Centres         | Between Ellipses | Minimum Separation | Separation Factor | Warning                 |  |
| (ft)                                                                       | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)                    | (ft)  | (ft)  | (ft)                    | (ft)             | (ft)               |                   |                         |  |
| 14,300                                                                     | 5289           | 13,822         | 5262           | 229             | 233    | 88.98                  | -6053 | 6788  | 1537                    | 1077             | 460.39             | 3.339             |                         |  |
| 14,400                                                                     | 5289           | 13,922         | 5261           | 231             | 236    | 88.98                  | -6120 | 6862  | 1536                    | 1071             | 465.53             | 3.300             |                         |  |
| 14,500                                                                     | 5288           | 14,022         | 5261           | 234             | 239    | 88.98                  | -6187 | 6936  | 1535                    | 1064             | 470.68             | 3.261             |                         |  |
| 14,600                                                                     | 5288           | 14,122         | 5260           | 236             | 241    | 88.98                  | -6255 | 7010  | 1534                    | 1058             | 475.82             | 3.223             |                         |  |
| 14,700                                                                     | 5287           | 14,222         | 5260           | 238             | 244    | 88.98                  | -6322 | 7084  | 1533                    | 1052             | 480.97             | 3.186             |                         |  |
| 14,800                                                                     | 5287           | 14,322         | 5259           | 241             | 247    | 88.98                  | -6389 | 7158  | 1531                    | 1045             | 486.12             | 3.150             |                         |  |
| 14,900                                                                     | 5286           | 14,422         | 5259           | 243             | 249    | 88.98                  | -6457 | 7232  | 1530                    | 1039             | 491.26             | 3.115             |                         |  |
| 15,000                                                                     | 5286           | 14,522         | 5258           | 246             | 252    | 88.98                  | -6524 | 7306  | 1529                    | 1032             | 496.41             | 3.080             |                         |  |
| 15,100                                                                     | 5285           | 14,622         | 5258           | 248             | 255    | 88.98                  | -6591 | 7380  | 1528                    | 1026             | 501.56             | 3.046             |                         |  |
| 15,200                                                                     | 5285           | 14,722         | 5257           | 251             | 257    | 88.98                  | -6658 | 7454  | 1526                    | 1020             | 506.70             | 3.012             |                         |  |
| 15,300                                                                     | 5284           | 14,822         | 5257           | 253             | 260    | 88.98                  | -6726 | 7528  | 1525                    | 1013             | 511.85             | 2.980             |                         |  |
| 15,400                                                                     | 5283           | 14,922         | 5256           | 256             | 263    | 88.99                  | -6793 | 7602  | 1524                    | 1007             | 517.00             | 2.948             |                         |  |
| 15,473                                                                     | 5283           | 14,995         | 5256           | 258             | 264    | 88.99                  | -6842 | 7656  | 1523                    | 1002             | 520.77             | 2.925 SF          |                         |  |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                                    |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          |                           |      |
|------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------|------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> M11 2308 Pad - # 108H - Original drilling - As Drilled       |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 14-INCLINOMETER, 445-MWD+HDGM, 4746-MWD+HDGM, 5962-MWD+HDGM |                            |                            |                            |                       |                    |                              |                   |                   |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                                   | <b>Offset</b>              | <b>Semi Major Axis</b>     | <b>Distance</b>            | <b>Rule Assigned:</b> |                    |                              |                   |                   |                             |                              |                                |                          |                           |      |
| <b>Measured Depth (ft)</b>                                                         | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b> | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> | <b>Warning</b>            |      |
| 0                                                                                  | 0                          | 0                          | 0                          | 0                     | 0                  | 162.17                       | -2153             | 692               | 2262                        |                              |                                |                          |                           |      |
| 100                                                                                | 100                        | 61                         | 61                         | 0                     | 1                  | 162.17                       | -2153             | 692               | 2261                        | 2260                         | 1.56                           | 1,447.634                |                           |      |
| 200                                                                                | 200                        | 161                        | 161                        | 0                     | 4                  | 162.17                       | -2153             | 692               | 2261                        | 2256                         | 4.96                           | 456.168                  |                           |      |
| 300                                                                                | 300                        | 261                        | 261                        | 1                     | 8                  | 162.17                       | -2153             | 692               | 2261                        | 2253                         | 8.35                           | 270.738                  |                           |      |
| 400                                                                                | 400                        | 360                        | 360                        | 1                     | 10                 | 162.17                       | -2153             | 692               | 2261                        | 2250                         | 11.70                          | 193.218                  |                           |      |
| 428                                                                                | 428                        | 653                        | 652                        | 1                     | 12                 | 113.23                       | -2136             | 688               | 2259                        | 2246                         | 13.42                          | 168.401                  |                           |      |
| 500                                                                                | 500                        | 843                        | 841                        | 2                     | 12                 | 113.49                       | -2111             | 680               | 2251                        | 2237                         | 13.69                          | 164.424                  |                           |      |
| 600                                                                                | 600                        | 1263                       | 1247                       | 2                     | 13                 | 114.49                       | -2012             | 647               | 2224                        | 2210                         | 14.09                          | 157.907                  |                           |      |
| 700                                                                                | 699                        | 1384                       | 1362                       | 2                     | 13                 | 115.31                       | -1975             | 635               | 2196                        | 2182                         | 14.52                          | 151.214                  |                           |      |
| 800                                                                                | 799                        | 1465                       | 1438                       | 3                     | 13                 | 116.07                       | -1952             | 627               | 2170                        | 2155                         | 15.00                          | 144.686                  |                           |      |
| 900                                                                                | 897                        | 1584                       | 1551                       | 3                     | 13                 | 117.02                       | -1915             | 616               | 2144                        | 2129                         | 15.51                          | 138.274                  |                           |      |
| 1000                                                                               | 996                        | 1730                       | 1688                       | 4                     | 14                 | 118.26                       | -1869             | 601               | 2119                        | 2103                         | 16.07                          | 131.905                  |                           |      |
| 1100                                                                               | 1093                       | 1783                       | 1739                       | 4                     | 14                 | 119.02                       | -1852             | 595               | 2095                        | 2079                         | 16.67                          | 125.729                  |                           |      |
| 1200                                                                               | 1190                       | 1844                       | 1797                       | 5                     | 14                 | 119.81                       | -1834             | 589               | 2076                        | 2058                         | 17.31                          | 119.885                  |                           |      |
| 1300                                                                               | 1285                       | 1925                       | 1874                       | 5                     | 14                 | 120.75                       | -1810             | 582               | 2059                        | 2041                         | 18.01                          | 114.317                  |                           |      |
| 1400                                                                               | 1380                       | 2005                       | 1950                       | 6                     | 14                 | 121.70                       | -1787             | 574               | 2044                        | 2026                         | 18.75                          | 109.024                  |                           |      |
| 1486                                                                               | 1461                       | 2172                       | 2108                       | 6                     | 15                 | 123.47                       | -1735             | 560               | 2032                        | 2013                         | 19.45                          | 104.488                  |                           |      |
| 1500                                                                               | 1473                       | 2182                       | 2117                       | 6                     | 15                 | 123.57                       | -1732             | 559               | 2030                        | 2011                         | 19.56                          | 103.801                  |                           |      |
| 1600                                                                               | 1566                       | 2247                       | 2178                       | 7                     | 15                 | 124.21                       | -1712             | 553               | 2017                        | 1996                         | 20.39                          | 98.900                   |                           |      |
| 1700                                                                               | 1659                       | 2326                       | 2254                       | 8                     | 15                 | 125.03                       | -1687             | 545               | 2005                        | 1984                         | 21.24                          | 94.419                   |                           |      |
| 1800                                                                               | 1752                       | 2411                       | 2334                       | 9                     | 16                 | 125.93                       | -1662             | 537               | 1994                        | 1972                         | 22.09                          | 90.272                   |                           |      |
| 1900                                                                               | 1845                       | 2555                       | 2471                       | 9                     | 16                 | 127.44                       | -1618             | 523               | 1984                        | 1961                         | 22.96                          | 86.413                   |                           |      |
| 2000                                                                               | 1938                       | 2665                       | 2574                       | 10                    | 17                 | 128.57                       | -1582             | 513               | 1972                        | 1948                         | 23.84                          | 82.725                   |                           |      |
| 2100                                                                               | 2031                       | 2758                       | 2661                       | 11                    | 17                 | 129.54                       | -1550             | 505               | 1960                        | 1935                         | 24.72                          | 79.282                   |                           |      |
| 2200                                                                               | 2123                       | 2816                       | 2716                       | 12                    | 17                 | 130.16                       | -1531             | 499               | 1949                        | 1924                         | 25.60                          | 76.146                   |                           |      |
| 2300                                                                               | 2216                       | 2881                       | 2777                       | 13                    | 18                 | 130.87                       | -1512             | 493               | 1941                        | 1915                         | 26.47                          | 73.325                   |                           |      |
| 2400                                                                               | 2309                       | 2969                       | 2861                       | 13                    | 18                 | 131.82                       | -1485             | 485               | 1934                        | 1907                         | 27.35                          | 70.718                   |                           |      |
| 2500                                                                               | 2402                       | 3043                       | 2931                       | 14                    | 18                 | 132.62                       | -1463             | 478               | 1929                        | 1901                         | 28.22                          | 68.347                   |                           |      |
| 2600                                                                               | 2495                       | 3139                       | 3023                       | 15                    | 19                 | 133.65                       | -1436             | 470               | 1925                        | 1896                         | 29.10                          | 66.161                   |                           |      |
| 2700                                                                               | 2588                       | 3246                       | 3124                       | 16                    | 19                 | 134.78                       | -1403             | 462               | 1920                        | 1890                         | 29.98                          | 64.058                   |                           |      |
| 2800                                                                               | 2681                       | 3309                       | 3184                       | 16                    | 20                 | 135.45                       | -1385             | 457               | 1917                        | 1887                         | 30.83                          | 62.183                   |                           |      |
| 2900                                                                               | 2774                       | 3459                       | 3327                       | 17                    | 20                 | 137.03                       | -1340             | 446               | 1914                        | 1882                         | 31.73                          | 60.329                   |                           |      |
| 3000                                                                               | 2867                       | 3537                       | 3401                       | 18                    | 21                 | 137.83                       | -1316             | 440               | 1911                        | 1878                         | 32.59                          | 58.622                   |                           |      |
| 3100                                                                               | 2959                       | 3619                       | 3480                       | 19                    | 21                 | 138.69                       | -1291             | 435               | 1908                        | 1875                         | 33.45                          | 57.051                   |                           |      |
| 3200                                                                               | 3052                       | 3699                       | 3555                       | 20                    | 21                 | 139.56                       | -1268             | 428               | 1908                        | 1873                         | 34.31                          | 55.606                   |                           |      |
| 3226                                                                               | 3076                       | 3722                       | 3577                       | 20                    | 21                 | 139.81                       | -1261             | 426               | 1908                        | 1873                         | 34.53                          | 55.248 CC                |                           |      |
| 3300                                                                               | 3145                       | 3796                       | 3648                       | 20                    | 22                 | 140.66                       | -1239             | 418               | 1908                        | 1873                         | 35.17                          | 54.245                   |                           |      |
| 3400                                                                               | 3238                       | 3906                       | 3752                       | 21                    | 22                 | 141.91                       | -1206             | 407               | 1908                        | 1872                         | 36.04                          | 52.952                   |                           |      |
| 3442                                                                               | 3277                       | 3956                       | 3799                       | 22                    | 22                 | 142.48                       | -1191             | 402               | 1908                        | 1872                         | 36.41                          | 52.410                   |                           |      |
| 3500                                                                               | 3331                       | 4002                       | 3842                       | 22                    | 23                 | 143.02                       | -1177             | 397               | 1909                        | 1872                         | 36.90                          | 51.718 ES                |                           |      |
| 3600                                                                               | 3424                       | 4073                       | 3910                       | 23                    | 23                 | 143.84                       | -1155             | 389               | 1910                        | 1873                         | 37.74                          | 50.621                   |                           |      |
| 3700                                                                               | 3517                       | 4214                       | 4043                       | 24                    | 24                 | 145.48                       | -1111             | 373               | 1912                        | 1874                         | 38.64                          | 49.490                   |                           |      |
| 3800                                                                               | 3610                       | 4292                       | 4117                       | 24                    | 24                 | 146.39                       | -1086             | 365               | 1914                        | 1874                         | 39.49                          | 48.468                   |                           |      |
| 3900                                                                               | 3703                       | 4368                       | 4188                       | 25                    | 25                 | 147.27                       | -1063             | 356               | 1917                        | 1877                         | 40.32                          | 47.551                   |                           |      |
| 4000                                                                               | 3796                       | 4431                       | 4248                       | 26                    | 25                 | 147.98                       | -1044             | 350               | 1922                        | 1881                         | 41.12                          | 46.743                   |                           |      |
| 4100                                                                               | 3888                       | 4493                       | 4307                       | 27                    | 25                 | 148.66                       | -1026             | 344               | 1929                        | 1887                         | 41.90                          | 46.039                   |                           |      |
| 4200                                                                               | 3981                       | 4535                       | 4347                       | 28                    | 25                 | 149.09                       | -1015             | 340               | 1939                        | 1896                         | 42.61                          | 45.509                   |                           |      |
| 4300                                                                               | 4074                       | 4557                       | 4369                       | 28                    | 25                 | 149.30                       | -1010             | 339               | 1952                        | 1909                         | 43.22                          | 45.173                   |                           |      |
| 4400                                                                               | 4167                       | 4620                       | 4431                       | 29                    | 26                 | 149.80                       | -999              | 338               | 1968                        | 1924                         | 43.89                          | 44.848                   |                           |      |
| 4500                                                                               | 4260                       | 4655                       | 4465                       | 30                    | 26                 | 149.98                       | -994              | 339               | 1987                        | 1943                         | 44.42                          | 44.739                   |                           |      |
| 4600                                                                               | 4353                       | 4683                       | 4493                       | 31                    | 26                 | 150.08                       | -992              | 342               | 2010                        | 1965                         | 44.89                          | 44.763                   |                           |      |
| 4700                                                                               | 4446                       | 4724                       | 4534                       | 32                    | 26                 | 150.14                       | -991              | 349               | 2034                        | 1989                         | 45.30                          | 44.907                   |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: M11 2308 Pad - # 108H - Original drilling - As Drilled       |                     |                     |                     |                 |             |                        |            |            |                      |                       |                         |                   | Offset Site Error: 0 ft |  |
|-----------------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|------------------------|------------|------------|----------------------|-----------------------|-------------------------|-------------------|-------------------------|--|
| Survey Program: 14-INCLINOMETER, 445-MWD+HDGM, 4746-MWD+HDGM, 5962-MWD+HDGM |                     |                     |                     |                 |             |                        |            |            |                      |                       |                         |                   | Offset Well Error: 0 ft |  |
| Reference                                                                   |                     | Offset              |                     | Semi Major Axis |             | Offset Wellbore Centre |            |            | Rule Assigned:       |                       |                         |                   | Warning                 |  |
| Measured Depth (ft)                                                         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°)  | +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                         |  |
| 4800                                                                        | 4539                | 4746                | 4555                | 32              | 26          | 150.14                 | -991       | 353        | 2063                 | 2017                  | 45.62                   | 45.217            |                         |  |
| 4900                                                                        | 4632                | 4783                | 4591                | 33              | 26          | 150.09                 | -993       | 361        | 2094                 | 2048                  | 45.89                   | 45.628            |                         |  |
| 5000                                                                        | 4724                | 4809                | 4616                | 34              | 26          | 150.01                 | -996       | 368        | 2128                 | 2082                  | 46.09                   | 46.169            |                         |  |
| 5045                                                                        | 4767                | 4809                | 4616                | 34              | 26          | 150.01                 | -996       | 368        | 2145                 | 2099                  | 46.12                   | 46.501            |                         |  |
| 5050                                                                        | 4771                | 4809                | 4616                | 34              | 26          | 148.79                 | -996       | 368        | 2146                 | 2100                  | 46.12                   | 46.537            |                         |  |
| 5100                                                                        | 4817                | 4809                | 4616                | 35              | 26          | 136.40                 | -996       | 368        | 2165                 | 2119                  | 46.15                   | 46.912            |                         |  |
| 5150                                                                        | 4863                | 4844                | 4649                | 35              | 26          | 125.33                 | -1002      | 378        | 2182                 | 2135                  | 46.34                   | 47.072            |                         |  |
| 5200                                                                        | 4908                | 4873                | 4676                | 36              | 26          | 115.94                 | -1009      | 386        | 2198                 | 2152                  | 46.54                   | 47.231            |                         |  |
| 5250                                                                        | 4952                | 4873                | 4676                | 36              | 26          | 108.12                 | -1009      | 386        | 2213                 | 2167                  | 46.61                   | 47.481            |                         |  |
| 5300                                                                        | 4995                | 4873                | 4676                | 36              | 26          | 101.65                 | -1009      | 386        | 2227                 | 2181                  | 46.69                   | 47.702            |                         |  |
| 5350                                                                        | 5036                | 4896                | 4697                | 37              | 26          | 96.45                  | -1015      | 394        | 2240                 | 2193                  | 46.92                   | 47.750            |                         |  |
| 5400                                                                        | 5076                | 4913                | 4712                | 37              | 26          | 92.17                  | -1019      | 399        | 2252                 | 2205                  | 47.13                   | 47.783            |                         |  |
| 5450                                                                        | 5113                | 4936                | 4733                | 38              | 26          | 88.73                  | -1027      | 408        | 2262                 | 2215                  | 47.41                   | 47.717            |                         |  |
| 5500                                                                        | 5148                | 4936                | 4733                | 38              | 26          | 85.76                  | -1027      | 408        | 2271                 | 2223                  | 47.57                   | 47.742            |                         |  |
| 5550                                                                        | 5181                | 4973                | 4764                | 39              | 26          | 83.65                  | -1039      | 422        | 2278                 | 2230                  | 47.99                   | 47.472            |                         |  |
| 5600                                                                        | 5211                | 4999                | 4786                | 39              | 25          | 81.93                  | -1049      | 432        | 2284                 | 2235                  | 48.38                   | 47.205            |                         |  |
| 5650                                                                        | 5238                | 5020                | 4804                | 39              | 25          | 80.59                  | -1057      | 441        | 2288                 | 2239                  | 48.77                   | 46.903            |                         |  |
| 5700                                                                        | 5262                | 5045                | 4823                | 40              | 25          | 79.65                  | -1067      | 452        | 2290                 | 2241                  | 49.22                   | 46.520            |                         |  |
| 5750                                                                        | 5283                | 5062                | 4837                | 40              | 25          | 78.96                  | -1074      | 460        | 2291                 | 2241                  | 49.66                   | 46.125            |                         |  |
| 5800                                                                        | 5300                | 5085                | 4855                | 41              | 25          | 78.66                  | -1083      | 471        | 2290                 | 2240                  | 50.19                   | 45.629            |                         |  |
| 5850                                                                        | 5314                | 5103                | 4869                | 41              | 25          | 78.57                  | -1091      | 479        | 2288                 | 2237                  | 50.70                   | 45.123            |                         |  |
| 5900                                                                        | 5325                | 5125                | 4886                | 42              | 25          | 78.81                  | -1101      | 489        | 2284                 | 2233                  | 51.28                   | 44.543            |                         |  |
| 5950                                                                        | 5331                | 5140                | 4897                | 42              | 25          | 79.21                  | -1108      | 497        | 2279                 | 2227                  | 51.84                   | 43.965            |                         |  |
| 6000                                                                        | 5335                | 5161                | 4912                | 43              | 25          | 79.95                  | -1118      | 507        | 2273                 | 2220                  | 52.47                   | 43.314            |                         |  |
| 6024                                                                        | 5335                | 5171                | 4920                | 43              | 25          | 80.39                  | -1122      | 511        | 2269                 | 2217                  | 52.78                   | 42.995            |                         |  |
| 6100                                                                        | 5335                | 5188                | 4932                | 44              | 25          | 80.71                  | -1131      | 520        | 2259                 | 2205                  | 53.67                   | 42.086            |                         |  |
| 6200                                                                        | 5334                | 5227                | 4960                | 45              | 25          | 81.42                  | -1150      | 538        | 2248                 | 2193                  | 55.04                   | 40.842            |                         |  |
| 6300                                                                        | 5333                | 5251                | 4977                | 46              | 25          | 81.86                  | -1163      | 550        | 2241                 | 2184                  | 56.31                   | 39.791            |                         |  |
| 6400                                                                        | 5333                | 5284                | 5000                | 47              | 25          | 82.46                  | -1180      | 566        | 2237                 | 2179                  | 57.70                   | 38.767            |                         |  |
| 6438                                                                        | 5333                | 5295                | 5008                | 48              | 25          | 82.65                  | -1186      | 571        | 2236                 | 2178                  | 58.25                   | 38.386            |                         |  |
| 6500                                                                        | 5332                | 5314                | 5021                | 48              | 25          | 82.99                  | -1197      | 580        | 2236                 | 2177                  | 59.06                   | 37.864            |                         |  |
| 6600                                                                        | 5332                | 5340                | 5038                | 50              | 25          | 83.43                  | -1212      | 592        | 2240                 | 2179                  | 60.40                   | 37.079            |                         |  |
| 6700                                                                        | 5331                | 5377                | 5062                | 51              | 25          | 84.06                  | -1235      | 610        | 2247                 | 2185                  | 61.86                   | 36.317            |                         |  |
| 6800                                                                        | 5331                | 5377                | 5062                | 53              | 25          | 84.06                  | -1235      | 610        | 2257                 | 2194                  | 62.87                   | 35.898            |                         |  |
| 6900                                                                        | 5330                | 5440                | 5098                | 55              | 24          | 85.03                  | -1276      | 639        | 2270                 | 2206                  | 64.63                   | 35.128            |                         |  |
| 7000                                                                        | 5330                | 5476                | 5117                | 57              | 24          | 85.52                  | -1301      | 656        | 2287                 | 2221                  | 66.07                   | 34.617            |                         |  |
| 7100                                                                        | 5329                | 5614                | 5175                | 58              | 25          | 87.04                  | -1404      | 729        | 2305                 | 2236                  | 69.12                   | 33.342            |                         |  |
| 7200                                                                        | 5329                | 5863                | 5228                | 60              | 26          | 88.45                  | -1594      | 880        | 2319                 | 2244                  | 74.92                   | 30.954            |                         |  |
| 7300                                                                        | 5328                | 6027                | 5245                | 62              | 26          | 88.89                  | -1716      | 988        | 2328                 | 2249                  | 78.51                   | 29.650            |                         |  |
| 7400                                                                        | 5327                | 6104                | 5250                | 64              | 26          | 89.03                  | -1773      | 1040       | 2336                 | 2255                  | 80.73                   | 28.939            |                         |  |
| 7500                                                                        | 5327                | 6163                | 5252                | 66              | 27          | 89.08                  | -1817      | 1079       | 2346                 | 2263                  | 82.74                   | 28.353            |                         |  |
| 7600                                                                        | 5326                | 6302                | 5251                | 68              | 28          | 89.08                  | -1921      | 1170       | 2356                 | 2270                  | 86.41                   | 27.267            |                         |  |
| 7700                                                                        | 5326                | 6428                | 5251                | 70              | 29          | 89.10                  | -2014      | 1256       | 2364                 | 2273                  | 90.23                   | 26.196            |                         |  |
| 7800                                                                        | 5325                | 6489                | 5251                | 72              | 29          | 89.12                  | -2059      | 1297       | 2372                 | 2279                  | 92.72                   | 25.585            |                         |  |
| 7900                                                                        | 5325                | 6586                | 5251                | 75              | 31          | 89.13                  | -2132      | 1361       | 2382                 | 2286                  | 96.19                   | 24.761            |                         |  |
| 8000                                                                        | 5324                | 6741                | 5250                | 77              | 33          | 89.14                  | -2246      | 1465       | 2390                 | 2288                  | 101.49                  | 23.548            |                         |  |
| 8100                                                                        | 5324                | 6808                | 5251                | 79              | 34          | 89.16                  | -2296      | 1510       | 2398                 | 2293                  | 104.46                  | 22.952            |                         |  |
| 8200                                                                        | 5323                | 6879                | 5250                | 81              | 35          | 89.15                  | -2349      | 1558       | 2407                 | 2299                  | 107.60                  | 22.368            |                         |  |
| 8300                                                                        | 5322                | 6995                | 5247                | 83              | 37          | 89.09                  | -2435      | 1634       | 2416                 | 2304                  | 112.17                  | 21.538            |                         |  |
| 8400                                                                        | 5322                | 7068                | 5246                | 86              | 38          | 89.09                  | -2490      | 1683       | 2426                 | 2310                  | 115.51                  | 21.000            |                         |  |
| 8500                                                                        | 5321                | 7180                | 5246                | 88              | 40          | 89.10                  | -2574      | 1757       | 2435                 | 2315                  | 120.17                  | 20.266            |                         |  |
| 8600                                                                        | 5321                | 7245                | 5245                | 90              | 42          | 89.09                  | -2623      | 1800       | 2446                 | 2322                  | 123.30                  | 19.836            |                         |  |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: M11 2308 Pad - # 108H - Original drilling - As Drilled |                     |                                                             |                     |                 |             |                       |                        |            |                      |                       |                         |                   | Offset Site Error: 0 ft |  |
|-----------------------------------------------------------------------|---------------------|-------------------------------------------------------------|---------------------|-----------------|-------------|-----------------------|------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|-------------------------|--|
| Survey Program:                                                       |                     | 14-INCLINOMETER, 445-MWD+HDGM, 4746-MWD+HDGM, 5962-MWD+HDGM |                     |                 |             |                       |                        |            | Rule Assigned:       |                       |                         |                   | Offset Well Error: 0 ft |  |
| Reference                                                             |                     | Offset                                                      |                     | Semi Major Axis |             |                       | Offset Wellbore Centre |            | Distance             |                       |                         |                   |                         |  |
| Measured Depth (ft)                                                   | Vertical Depth (ft) | Measured Depth (ft)                                         | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | +N/-S (ft)             | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning                 |  |
| 8700                                                                  | 5320                | 7362                                                        | 5242                | 92              | 44          | 89.05                 | -2712                  | 1876       | 2457                 | 2329                  | 128.24                  | 19.158            |                         |  |
| 8800                                                                  | 5320                | 7509                                                        | 5242                | 95              | 47          | 89.07                 | -2821                  | 1974       | 2465                 | 2331                  | 134.40                  | 18.344            |                         |  |
| 8900                                                                  | 5319                | 7601                                                        | 5243                | 97              | 49          | 89.10                 | -2890                  | 2036       | 2474                 | 2335                  | 138.66                  | 17.843            |                         |  |
| 9000                                                                  | 5319                | 7662                                                        | 5243                | 99              | 50          | 89.12                 | -2935                  | 2076       | 2484                 | 2342                  | 141.80                  | 17.515            |                         |  |
| 9100                                                                  | 5318                | 7835                                                        | 5242                | 102             | 54          | 89.13                 | -3065                  | 2192       | 2493                 | 2344                  | 149.09                  | 16.723            |                         |  |
| 9200                                                                  | 5318                | 7884                                                        | 5243                | 104             | 55          | 89.15                 | -3101                  | 2225       | 2501                 | 2350                  | 151.86                  | 16.471            |                         |  |
| 9300                                                                  | 5317                | 7930                                                        | 5243                | 106             | 56          | 89.16                 | -3135                  | 2254       | 2512                 | 2357                  | 154.44                  | 16.264            |                         |  |
| 9400                                                                  | 5316                | 8005                                                        | 5243                | 109             | 58          | 89.17                 | -3193                  | 2303       | 2524                 | 2366                  | 158.13                  | 15.961            |                         |  |
| 9500                                                                  | 5316                | 8145                                                        | 5243                | 111             | 61          | 89.19                 | -3300                  | 2394       | 2536                 | 2371                  | 164.36                  | 15.427            |                         |  |
| 9600                                                                  | 5315                | 8198                                                        | 5243                | 114             | 62          | 89.20                 | -3340                  | 2428       | 2547                 | 2380                  | 167.20                  | 15.234            |                         |  |
| 9700                                                                  | 5315                | 8228                                                        | 5243                | 116             | 63          | 89.21                 | -3363                  | 2447       | 2561                 | 2392                  | 169.04                  | 15.149            |                         |  |
| 9800                                                                  | 5314                | 8312                                                        | 5242                | 118             | 64          | 89.21                 | -3429                  | 2499       | 2576                 | 2403                  | 173.03                  | 14.889            |                         |  |
| 9900                                                                  | 5314                | 8496                                                        | 5240                | 121             | 68          | 89.18                 | -3572                  | 2614       | 2590                 | 2409                  | 181.17                  | 14.299            |                         |  |
| 10,000                                                                | 5313                | 8743                                                        | 5239                | 123             | 74          | 89.19                 | -3759                  | 2776       | 2602                 | 2410                  | 191.65                  | 13.577            |                         |  |
| 10,100                                                                | 5313                | 8855                                                        | 5238                | 125             | 77          | 89.19                 | -3840                  | 2853       | 2608                 | 2411                  | 196.97                  | 13.241            |                         |  |
| 10,200                                                                | 5312                | 8943                                                        | 5237                | 128             | 79          | 89.18                 | -3905                  | 2914       | 2615                 | 2413                  | 201.40                  | 12.982            |                         |  |
| 10,300                                                                | 5311                | 9010                                                        | 5237                | 130             | 81          | 89.19                 | -3954                  | 2959       | 2622                 | 2417                  | 205.00                  | 12.791            |                         |  |
| 10,400                                                                | 5311                | 9087                                                        | 5236                | 133             | 82          | 89.18                 | -4011                  | 3010       | 2631                 | 2422                  | 208.95                  | 12.591            |                         |  |
| 10,500                                                                | 5310                | 9173                                                        | 5235                | 135             | 85          | 89.17                 | -4075                  | 3068       | 2640                 | 2427                  | 213.26                  | 12.380            |                         |  |
| 10,600                                                                | 5310                | 9271                                                        | 5234                | 138             | 87          | 89.16                 | -4148                  | 3133       | 2649                 | 2431                  | 218.04                  | 12.150            |                         |  |
| 10,700                                                                | 5309                | 9331                                                        | 5234                | 140             | 88          | 89.17                 | -4193                  | 3172       | 2660                 | 2438                  | 221.25                  | 12.021            |                         |  |
| 10,800                                                                | 5309                | 9451                                                        | 5233                | 142             | 91          | 89.17                 | -4284                  | 3250       | 2671                 | 2444                  | 226.93                  | 11.769            |                         |  |
| 10,900                                                                | 5308                | 9570                                                        | 5233                | 145             | 94          | 89.20                 | -4373                  | 3329       | 2680                 | 2448                  | 232.58                  | 11.524            |                         |  |
| 11,000                                                                | 5308                | 9644                                                        | 5233                | 147             | 96          | 89.20                 | -4429                  | 3378       | 2690                 | 2454                  | 236.44                  | 11.379            |                         |  |
| 11,100                                                                | 5307                | 9767                                                        | 5233                | 150             | 99          | 89.22                 | -4521                  | 3459       | 2700                 | 2458                  | 242.24                  | 11.147            |                         |  |
| 11,200                                                                | 5307                | 9857                                                        | 5233                | 152             | 101         | 89.24                 | -4589                  | 3518       | 2710                 | 2463                  | 246.73                  | 10.984            |                         |  |
| 11,300                                                                | 5306                | 9956                                                        | 5233                | 155             | 103         | 89.24                 | -4664                  | 3584       | 2720                 | 2469                  | 251.61                  | 10.812            |                         |  |
| 11,400                                                                | 5305                | 10,027                                                      | 5233                | 157             | 105         | 89.25                 | -4717                  | 3630       | 2731                 | 2475                  | 255.30                  | 10.696            |                         |  |
| 11,500                                                                | 5305                | 10,096                                                      | 5233                | 159             | 107         | 89.26                 | -4770                  | 3675       | 2742                 | 2483                  | 258.90                  | 10.592            |                         |  |
| 11,600                                                                | 5304                | 10,195                                                      | 5232                | 162             | 109         | 89.27                 | -4845                  | 3739       | 2754                 | 2491                  | 263.72                  | 10.444            |                         |  |
| 11,700                                                                | 5304                | 10,259                                                      | 5232                | 164             | 111         | 89.27                 | -4895                  | 3780       | 2767                 | 2500                  | 267.04                  | 10.362            |                         |  |
| 11,800                                                                | 5303                | 10,438                                                      | 5230                | 167             | 115         | 89.25                 | -5031                  | 3895       | 2779                 | 2504                  | 275.28                  | 10.097            |                         |  |
| 11,900                                                                | 5303                | 10,760                                                      | 5230                | 169             | 123         | 89.30                 | -5266                  | 4115       | 2786                 | 2497                  | 288.74                  | 9.649             |                         |  |
| 12,000                                                                | 5302                | 10,821                                                      | 5229                | 172             | 124         | 89.28                 | -5309                  | 4158       | 2789                 | 2497                  | 292.38                  | 9.540             |                         |  |
| 12,100                                                                | 5302                | 10,908                                                      | 5227                | 174             | 127         | 89.26                 | -5371                  | 4219       | 2794                 | 2497                  | 296.91                  | 9.410             |                         |  |
| 12,200                                                                | 5301                | 11,032                                                      | 5224                | 177             | 130         | 89.21                 | -5459                  | 4306       | 2798                 | 2495                  | 302.78                  | 9.240             |                         |  |
| 12,300                                                                | 5300                | 11,098                                                      | 5222                | 179             | 131         | 89.18                 | -5506                  | 4353       | 2802                 | 2495                  | 306.57                  | 9.139             |                         |  |
| 12,400                                                                | 5300                | 11,203                                                      | 5222                | 182             | 134         | 89.20                 | -5582                  | 4426       | 2807                 | 2495                  | 311.77                  | 9.002             |                         |  |
| 12,500                                                                | 5299                | 11,263                                                      | 5222                | 184             | 136         | 89.20                 | -5625                  | 4468       | 2812                 | 2497                  | 315.28                  | 8.919             |                         |  |
| 12,600                                                                | 5299                | 11,309                                                      | 5221                | 186             | 137         | 89.19                 | -5658                  | 4499       | 2819                 | 2501                  | 318.15                  | 8.860             |                         |  |
| 12,700                                                                | 5298                | 11,370                                                      | 5220                | 189             | 138         | 89.17                 | -5704                  | 4540       | 2828                 | 2506                  | 321.51                  | 8.795             |                         |  |
| 12,800                                                                | 5298                | 11,522                                                      | 5218                | 191             | 142         | 89.16                 | -5817                  | 4641       | 2837                 | 2508                  | 328.58                  | 8.633             |                         |  |
| 12,900                                                                | 5297                | 11,575                                                      | 5218                | 194             | 143         | 89.17                 | -5856                  | 4677       | 2845                 | 2513                  | 331.66                  | 8.578             |                         |  |
| 13,000                                                                | 5297                | 11,630                                                      | 5218                | 196             | 145         | 89.17                 | -5898                  | 4714       | 2855                 | 2520                  | 334.73                  | 8.529             |                         |  |
| 13,100                                                                | 5296                | 11,715                                                      | 5216                | 199             | 147         | 89.14                 | -5962                  | 4769       | 2866                 | 2527                  | 338.99                  | 8.454             |                         |  |
| 13,200                                                                | 5296                | 11,789                                                      | 5214                | 201             | 149         | 89.11                 | -6018                  | 4817       | 2877                 | 2535                  | 342.80                  | 8.394             |                         |  |
| 13,300                                                                | 5295                | 11,940                                                      | 5211                | 204             | 152         | 89.07                 | -6132                  | 4916       | 2888                 | 2538                  | 349.93                  | 8.252             |                         |  |
| 13,400                                                                | 5294                | 11,992                                                      | 5210                | 206             | 153         | 89.06                 | -6172                  | 4950       | 2899                 | 2546                  | 352.80                  | 8.216             |                         |  |
| 13,500                                                                | 5294                | 12,082                                                      | 5210                | 209             | 156         | 89.07                 | -6240                  | 5007       | 2911                 | 2554                  | 357.27                  | 8.148             |                         |  |
| 13,600                                                                | 5293                | 12,254                                                      | 5212                | 211             | 160         | 89.14                 | -6371                  | 5120       | 2922                 | 2556                  | 365.37                  | 7.997             |                         |  |
| 13,700                                                                | 5293                | 12,328                                                      | 5214                | 214             | 162         | 89.19                 | -6426                  | 5168       | 2932                 | 2563                  | 369.22                  | 7.941             |                         |  |
| 13,800                                                                | 5292                | 12,389                                                      | 5215                | 216             | 163         | 89.21                 | -6473                  | 5208       | 2943                 | 2571                  | 372.45                  | 7.902             |                         |  |



## Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                                    |                            |                            |                            |                               |                    |                              |                   |                       |                             |                              |                                |                          |                           |      |
|------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|--------------------|------------------------------|-------------------|-----------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|---------------------------|------|
| <b>Offset Design:</b> M11 2308 Pad - # 108H - Original drilling - As Drilled       |                            |                            |                            |                               |                    |                              |                   |                       |                             |                              |                                |                          | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 14-INCLINOMETER, 445-MWD+HDGM, 4746-MWD+HDGM, 5962-MWD+HDGM |                            |                            |                            |                               |                    |                              |                   |                       |                             |                              |                                |                          | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                                   | <b>Offset</b>              | <b>Semi Major Axis</b>     |                            | <b>Offset Wellbore Centre</b> |                    | <b>Distance</b>              |                   | <b>Rule Assigned:</b> |                             | <b>Warning</b>               |                                |                          |                           |      |
| <b>Measured Depth (ft)</b>                                                         | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b>         | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>     | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b> |                           |      |
| 13,900                                                                             | 5292                       | 12,535                     | 5214                       | 219                           | 167                | 89.20                        | -6584             | 5303                  | 2955                        | 2576                         | 379.44                         | 7.788                    |                           |      |
| 14,000                                                                             | 5291                       | 12,742                     | 5213                       | 221                           | 172                | 89.22                        | -6738             | 5441                  | 2964                        | 2575                         | 388.79                         | 7.623                    |                           |      |
| 14,100                                                                             | 5291                       | 12,801                     | 5212                       | 224                           | 173                | 89.22                        | -6781             | 5481                  | 2971                        | 2579                         | 392.16                         | 7.576                    |                           |      |
| 14,200                                                                             | 5290                       | 12,846                     | 5212                       | 226                           | 175                | 89.21                        | -6815             | 5511                  | 2980                        | 2585                         | 394.87                         | 7.546                    |                           |      |
| 14,300                                                                             | 5289                       | 12,923                     | 5212                       | 229                           | 176                | 89.22                        | -6873             | 5562                  | 2990                        | 2591                         | 398.85                         | 7.497                    |                           |      |
| 14,400                                                                             | 5289                       | 13,008                     | 5212                       | 231                           | 179                | 89.24                        | -6937             | 5618                  | 3001                        | 2598                         | 403.17                         | 7.443                    |                           |      |
| 14,500                                                                             | 5288                       | 13,100                     | 5212                       | 234                           | 181                | 89.25                        | -7007             | 5678                  | 3012                        | 2605                         | 407.78                         | 7.387                    |                           |      |
| 14,600                                                                             | 5288                       | 13,244                     | 5209                       | 236                           | 184                | 89.20                        | -7116             | 5771                  | 3023                        | 2609                         | 414.61                         | 7.292                    |                           |      |
| 14,700                                                                             | 5287                       | 13,378                     | 5206                       | 238                           | 188                | 89.16                        | -7216             | 5861                  | 3032                        | 2611                         | 421.05                         | 7.201                    |                           |      |
| 14,800                                                                             | 5287                       | 13,449                     | 5205                       | 241                           | 189                | 89.15                        | -7269             | 5908                  | 3041                        | 2616                         | 424.83                         | 7.159                    |                           |      |
| 14,900                                                                             | 5286                       | 13,612                     | 5201                       | 243                           | 194                | 89.11                        | -7390             | 6017                  | 3050                        | 2618                         | 432.38                         | 7.055                    |                           |      |
| 15,000                                                                             | 5286                       | 13,675                     | 5200                       | 246                           | 195                | 89.09                        | -7436             | 6060                  | 3058                        | 2622                         | 435.89                         | 7.016 SF                 |                           |      |
| 15,100                                                                             | 5285                       | 13,675                     | 5200                       | 248                           | 195                | 89.09                        | -7436             | 6060                  | 3069                        | 2632                         | 436.50                         | 7.030                    |                           |      |
| 15,200                                                                             | 5285                       | 13,675                     | 5200                       | 251                           | 195                | 89.09                        | -7436             | 6060                  | 3082                        | 2646                         | 436.66                         | 7.059                    |                           |      |
| 15,300                                                                             | 5284                       | 13,675                     | 5200                       | 253                           | 195                | 89.09                        | -7436             | 6060                  | 3099                        | 2663                         | 436.38                         | 7.102                    |                           |      |
| 15,400                                                                             | 5283                       | 13,675                     | 5200                       | 256                           | 195                | 89.09                        | -7436             | 6060                  | 3119                        | 2683                         | 435.68                         | 7.159                    |                           |      |
| 15,473                                                                             | 5283                       | 13,675                     | 5200                       | 258                           | 195                | 89.09                        | -7436             | 6060                  | 3136                        | 2701                         | 434.90                         | 7.210                    |                           |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                                    |                            |                            |                            |                        |                    |                               |                   |                   |                             |                              |                                |                           |      |
|------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|------------------------|--------------------|-------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|---------------------------|------|
| <b>Offset Design:</b> M11 2308 Pad - # 728H - Original drilling - As Drilled       |                            |                            |                            |                        |                    |                               |                   |                   |                             |                              |                                | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 14-INCLINOMETER, 377-MWD+HDGM, 4431-MWD+HDGM, 5653-MWD+HDGM |                            |                            |                            |                        |                    |                               |                   |                   |                             |                              |                                | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                                   |                            | <b>Offset</b>              |                            | <b>Semi Major Axis</b> |                    | <b>Offset Wellbore Centre</b> |                   | <b>Distance</b>   |                             | <b>Rule Assigned:</b>        |                                | <b>Warning</b>            |      |
| <b>Measured Depth (ft)</b>                                                         | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b>  | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b>  | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b>  |      |
| 0                                                                                  | 0                          | 0                          | 0                          | 0                      | 0                  | 161.47                        | -2131             | 714               | 2248                        |                              |                                |                           |      |
| 100                                                                                | 100                        | 61                         | 61                         | 0                      | 1                  | 161.47                        | -2131             | 714               | 2248                        | 2246                         | 1.56                           | 1,438.700                 |      |
| 200                                                                                | 200                        | 161                        | 161                        | 0                      | 4                  | 161.47                        | -2131             | 714               | 2248                        | 2243                         | 4.96                           | 453.353                   |      |
| 300                                                                                | 300                        | 261                        | 261                        | 1                      | 8                  | 161.47                        | -2131             | 714               | 2248                        | 2239                         | 8.35                           | 269.070                   |      |
| 400                                                                                | 400                        | 361                        | 361                        | 1                      | 11                 | 161.47                        | -2131             | 714               | 2248                        | 2236                         | 11.75                          | 191.306 CC                |      |
| 500                                                                                | 500                        | 445                        | 445                        | 2                      | 12                 | 112.50                        | -2131             | 714               | 2248                        | 2235                         | 13.62                          | 165.034 ES                |      |
| 600                                                                                | 600                        | 506                        | 506                        | 2                      | 12                 | 112.51                        | -2132             | 715               | 2252                        | 2238                         | 13.98                          | 160.999                   |      |
| 700                                                                                | 699                        | 566                        | 566                        | 2                      | 12                 | 112.53                        | -2134             | 714               | 2258                        | 2244                         | 14.36                          | 157.275                   |      |
| 800                                                                                | 799                        | 627                        | 627                        | 3                      | 12                 | 112.56                        | -2137             | 714               | 2268                        | 2253                         | 14.75                          | 153.780                   |      |
| 900                                                                                | 897                        | 688                        | 688                        | 3                      | 12                 | 112.61                        | -2142             | 713               | 2281                        | 2266                         | 15.16                          | 150.462                   |      |
| 1000                                                                               | 996                        | 749                        | 748                        | 4                      | 12                 | 112.68                        | -2148             | 711               | 2297                        | 2282                         | 15.60                          | 147.270                   |      |
| 1100                                                                               | 1093                       | 791                        | 790                        | 4                      | 12                 | 112.61                        | -2153             | 709               | 2317                        | 2300                         | 16.05                          | 144.311                   |      |
| 1200                                                                               | 1190                       | 852                        | 850                        | 5                      | 12                 | 112.66                        | -2162             | 707               | 2339                        | 2323                         | 16.55                          | 141.306                   |      |
| 1300                                                                               | 1285                       | 904                        | 902                        | 5                      | 12                 | 112.64                        | -2170             | 704               | 2365                        | 2348                         | 17.08                          | 138.426                   |      |
| 1400                                                                               | 1380                       | 931                        | 928                        | 6                      | 12                 | 112.33                        | -2174             | 703               | 2394                        | 2376                         | 17.61                          | 135.937                   |      |
| 1486                                                                               | 1461                       | 992                        | 988                        | 6                      | 12                 | 112.43                        | -2186             | 700               | 2422                        | 2404                         | 18.15                          | 133.423                   |      |
| 1500                                                                               | 1473                       | 992                        | 988                        | 6                      | 12                 | 112.43                        | -2186             | 700               | 2427                        | 2408                         | 18.23                          | 133.147                   |      |
| 1600                                                                               | 1566                       | 1024                       | 1020                       | 7                      | 12                 | 112.79                        | -2193             | 698               | 2462                        | 2443                         | 18.80                          | 130.946                   |      |
| 1700                                                                               | 1659                       | 1052                       | 1046                       | 8                      | 12                 | 113.09                        | -2199             | 697               | 2500                        | 2480                         | 19.36                          | 129.111                   |      |
| 1800                                                                               | 1752                       | 1113                       | 1106                       | 9                      | 12                 | 113.74                        | -2214             | 694               | 2539                        | 2519                         | 19.99                          | 127.044                   |      |
| 1900                                                                               | 1845                       | 1147                       | 1138                       | 9                      | 12                 | 114.10                        | -2223             | 693               | 2581                        | 2561                         | 20.55                          | 125.611                   |      |
| 2000                                                                               | 1938                       | 1190                       | 1179                       | 10                     | 12                 | 114.54                        | -2235             | 692               | 2625                        | 2603                         | 21.12                          | 124.272                   |      |
| 2100                                                                               | 2031                       | 1235                       | 1223                       | 11                     | 13                 | 114.99                        | -2248             | 690               | 2670                        | 2648                         | 21.69                          | 123.091                   |      |
| 2200                                                                               | 2123                       | 1299                       | 1284                       | 12                     | 13                 | 115.62                        | -2267             | 689               | 2716                        | 2694                         | 22.31                          | 121.752                   |      |
| 2300                                                                               | 2216                       | 1409                       | 1389                       | 13                     | 13                 | 116.65                        | -2299             | 687               | 2763                        | 2740                         | 23.09                          | 119.684                   |      |
| 2400                                                                               | 2309                       | 1511                       | 1487                       | 13                     | 13                 | 117.56                        | -2328             | 686               | 2809                        | 2786                         | 23.85                          | 117.816                   |      |
| 2500                                                                               | 2402                       | 1583                       | 1556                       | 14                     | 13                 | 118.21                        | -2348             | 684               | 2856                        | 2831                         | 24.50                          | 116.553                   |      |
| 2600                                                                               | 2495                       | 1642                       | 1612                       | 15                     | 13                 | 118.73                        | -2365             | 682               | 2903                        | 2878                         | 25.11                          | 115.629                   |      |
| 2700                                                                               | 2588                       | 1698                       | 1665                       | 16                     | 13                 | 119.23                        | -2382             | 679               | 2952                        | 2926                         | 25.70                          | 114.854                   |      |
| 2800                                                                               | 2681                       | 1817                       | 1779                       | 16                     | 14                 | 120.24                        | -2418             | 676               | 3001                        | 2975                         | 26.55                          | 113.049                   |      |
| 2900                                                                               | 2774                       | 1932                       | 1890                       | 17                     | 14                 | 121.15                        | -2450             | 673               | 3049                        | 3022                         | 27.39                          | 111.330                   |      |
| 3000                                                                               | 2867                       | 2002                       | 1956                       | 18                     | 14                 | 121.69                        | -2470             | 671               | 3097                        | 3069                         | 28.04                          | 110.453                   |      |
| 3100                                                                               | 2959                       | 2051                       | 2003                       | 19                     | 14                 | 122.07                        | -2484             | 669               | 3147                        | 3118                         | 28.61                          | 110.002                   |      |
| 3200                                                                               | 3052                       | 2095                       | 2045                       | 20                     | 14                 | 122.42                        | -2497             | 667               | 3197                        | 3168                         | 29.14                          | 109.719                   |      |
| 3300                                                                               | 3145                       | 2158                       | 2105                       | 20                     | 15                 | 122.92                        | -2516             | 663               | 3249                        | 3219                         | 29.75                          | 109.191                   |      |
| 3400                                                                               | 3238                       | 2270                       | 2212                       | 21                     | 15                 | 123.79                        | -2550             | 657               | 3300                        | 3269                         | 30.60                          | 107.855                   |      |
| 3500                                                                               | 3331                       | 2393                       | 2329                       | 22                     | 15                 | 124.69                        | -2586             | 650               | 3351                        | 3319                         | 31.50                          | 106.382                   |      |
| 3600                                                                               | 3424                       | 2447                       | 2381                       | 23                     | 16                 | 125.06                        | -2602             | 648               | 3402                        | 3370                         | 32.07                          | 106.066                   |      |
| 3700                                                                               | 3517                       | 2501                       | 2432                       | 24                     | 16                 | 125.44                        | -2618             | 645               | 3454                        | 3421                         | 32.64                          | 105.807                   |      |
| 3800                                                                               | 3610                       | 2570                       | 2498                       | 24                     | 16                 | 125.91                        | -2639             | 641               | 3506                        | 3473                         | 33.29                          | 105.337                   |      |
| 3900                                                                               | 3703                       | 2624                       | 2549                       | 25                     | 16                 | 126.26                        | -2655             | 639               | 3559                        | 3525                         | 33.85                          | 105.155                   |      |
| 4000                                                                               | 3796                       | 2699                       | 2620                       | 26                     | 17                 | 126.72                        | -2679             | 637               | 3613                        | 3579                         | 34.52                          | 104.666                   |      |
| 4100                                                                               | 3888                       | 2902                       | 2814                       | 27                     | 17                 | 127.93                        | -2738             | 630               | 3665                        | 3629                         | 35.90                          | 102.111                   |      |
| 4200                                                                               | 3981                       | 2997                       | 2906                       | 28                     | 18                 | 128.46                        | -2765             | 627               | 3716                        | 3680                         | 36.69                          | 101.293                   |      |
| 4300                                                                               | 4074                       | 3042                       | 2949                       | 28                     | 18                 | 128.72                        | -2777             | 626               | 3768                        | 3731                         | 37.21                          | 101.263                   |      |
| 4400                                                                               | 4167                       | 3105                       | 3009                       | 29                     | 18                 | 129.07                        | -2795             | 623               | 3821                        | 3783                         | 37.83                          | 100.999                   |      |
| 4500                                                                               | 4260                       | 3176                       | 3077                       | 30                     | 18                 | 129.46                        | -2816             | 620               | 3874                        | 3835                         | 38.49                          | 100.649                   |      |
| 4600                                                                               | 4353                       | 3315                       | 3211                       | 31                     | 19                 | 130.20                        | -2856             | 615               | 3926                        | 3887                         | 39.54                          | 99.297                    |      |
| 4700                                                                               | 4446                       | 3358                       | 3251                       | 32                     | 19                 | 130.41                        | -2868             | 613               | 3979                        | 3939                         | 40.04                          | 99.370                    |      |
| 4800                                                                               | 4539                       | 3416                       | 3307                       | 32                     | 19                 | 130.70                        | -2885             | 611               | 4033                        | 3992                         | 40.63                          | 99.249                    |      |
| 4900                                                                               | 4632                       | 3571                       | 3456                       | 33                     | 20                 | 131.44                        | -2929             | 606               | 4085                        | 4043                         | 41.79                          | 97.751                    |      |
| 5000                                                                               | 4724                       | 3611                       | 3494                       | 34                     | 20                 | 131.63                        | -2940             | 605               | 4138                        | 4096                         | 42.27                          | 97.889                    |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: M11 2308 Pad - # 728H - Original drilling - As Drilled       |                     |                     |                     |                 |             |                        |            |            |                      |                        |                         |                   | Offset Site Error: | 0 ft |
|-----------------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|------------------------|------------|------------|----------------------|------------------------|-------------------------|-------------------|--------------------|------|
| Survey Program: 14-INCLINOMETER, 377-MWD+HDGM, 4431-MWD+HDGM, 5653-MWD+HDGM |                     |                     |                     |                 |             |                        |            |            |                      |                        |                         |                   | Offset Well Error: | 0 ft |
| Reference                                                                   |                     | Offset              |                     | Semi Major Axis |             | Offset Wellbore Centre |            |            | Rule Assigned:       |                        |                         |                   | Warning            |      |
| Measured Depth (ft)                                                         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°)  | +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Distance Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |      |
| 5045                                                                        | 4767                | 3674                | 3554                | 34              | 21          | 131.91                 | -2958      | 604        | 4162                 | 4119                   | 42.76                   | 97.335            |                    |      |
| 5050                                                                        | 4771                | 3674                | 3554                | 34              | 21          | 130.65                 | -2958      | 604        | 4165                 | 4122                   | 42.77                   | 97.367            |                    |      |
| 5100                                                                        | 4817                | 3708                | 3587                | 35              | 21          | 118.14                 | -2967      | 603        | 4190                 | 4147                   | 43.12                   | 97.173            |                    |      |
| 5150                                                                        | 4863                | 3737                | 3615                | 35              | 21          | 107.10                 | -2976      | 602        | 4213                 | 4169                   | 43.46                   | 96.944            |                    |      |
| 5200                                                                        | 4908                | 3766                | 3643                | 36              | 21          | 97.84                  | -2984      | 601        | 4233                 | 4190                   | 43.83                   | 96.591            |                    |      |
| 5250                                                                        | 4952                | 3840                | 3714                | 36              | 21          | 90.58                  | -3005      | 600        | 4251                 | 4207                   | 44.50                   | 95.527            |                    |      |
| 5300                                                                        | 4995                | 3863                | 3735                | 36              | 21          | 84.46                  | -3012      | 599        | 4267                 | 4222                   | 44.89                   | 95.036            |                    |      |
| 5350                                                                        | 5036                | 3896                | 3767                | 37              | 22          | 79.64                  | -3021      | 598        | 4279                 | 4234                   | 45.38                   | 94.301            |                    |      |
| 5400                                                                        | 5076                | 3926                | 3796                | 37              | 22          | 75.81                  | -3030      | 598        | 4289                 | 4243                   | 45.87                   | 93.510            |                    |      |
| 5450                                                                        | 5113                | 3989                | 3856                | 38              | 22          | 73.12                  | -3048      | 596        | 4297                 | 4250                   | 46.61                   | 92.197            |                    |      |
| 5500                                                                        | 5148                | 4011                | 3877                | 38              | 22          | 70.74                  | -3054      | 595        | 4301                 | 4254                   | 47.10                   | 91.317            |                    |      |
| 5550                                                                        | 5181                | 4031                | 3896                | 39              | 22          | 68.94                  | -3060      | 594        | 4303                 | 4256                   | 47.63                   | 90.355            |                    |      |
| 5600                                                                        | 5211                | 4053                | 3917                | 39              | 22          | 67.64                  | -3066      | 594        | 4303                 | 4255                   | 48.19                   | 89.290            |                    |      |
| 5650                                                                        | 5238                | 4081                | 3944                | 39              | 22          | 66.85                  | -3074      | 592        | 4300                 | 4251                   | 48.82                   | 88.072            |                    |      |
| 5700                                                                        | 5262                | 4111                | 3972                | 40              | 23          | 66.50                  | -3083      | 591        | 4294                 | 4245                   | 49.50                   | 86.752            |                    |      |
| 5750                                                                        | 5283                | 4131                | 3992                | 40              | 23          | 66.39                  | -3089      | 590        | 4286                 | 4236                   | 50.14                   | 85.485            |                    |      |
| 5800                                                                        | 5300                | 4148                | 4008                | 41              | 23          | 66.60                  | -3094      | 590        | 4276                 | 4225                   | 50.78                   | 84.195            |                    |      |
| 5850                                                                        | 5314                | 4163                | 4022                | 41              | 23          | 67.11                  | -3098      | 589        | 4263                 | 4211                   | 51.44                   | 82.874            |                    |      |
| 5900                                                                        | 5325                | 4178                | 4037                | 42              | 23          | 67.96                  | -3103      | 589        | 4248                 | 4196                   | 52.12                   | 81.508            |                    |      |
| 5950                                                                        | 5331                | 4195                | 4053                | 42              | 23          | 69.15                  | -3108      | 588        | 4231                 | 4178                   | 52.83                   | 80.086            |                    |      |
| 6000                                                                        | 5335                | 4273                | 4127                | 43              | 23          | 71.55                  | -3130      | 586        | 4212                 | 4158                   | 53.99                   | 78.012            |                    |      |
| 6024                                                                        | 5335                | 4277                | 4132                | 43              | 23          | 72.36                  | -3131      | 586        | 4202                 | 4147                   | 54.31                   | 77.362            |                    |      |
| 6100                                                                        | 5335                | 4341                | 4192                | 44              | 24          | 73.29                  | -3149      | 584        | 4170                 | 4114                   | 55.72                   | 74.835            |                    |      |
| 6200                                                                        | 5334                | 4356                | 4207                | 45              | 24          | 73.52                  | -3153      | 583        | 4130                 | 4073                   | 57.16                   | 72.249            |                    |      |
| 6300                                                                        | 5333                | 4371                | 4222                | 46              | 24          | 73.75                  | -3157      | 583        | 4092                 | 4033                   | 58.67                   | 69.753            |                    |      |
| 6400                                                                        | 5333                | 4386                | 4236                | 47              | 24          | 73.96                  | -3161      | 582        | 4056                 | 3996                   | 60.21                   | 67.371            |                    |      |
| 6500                                                                        | 5332                | 4400                | 4250                | 48              | 24          | 74.18                  | -3165      | 582        | 4022                 | 3961                   | 61.81                   | 65.080            |                    |      |
| 6600                                                                        | 5332                | 4415                | 4264                | 50              | 24          | 74.40                  | -3169      | 581        | 3991                 | 3927                   | 63.46                   | 62.887            |                    |      |
| 6700                                                                        | 5331                | 4430                | 4278                | 51              | 24          | 74.62                  | -3172      | 581        | 3961                 | 3896                   | 65.16                   | 60.794            |                    |      |
| 6800                                                                        | 5331                | 4431                | 4280                | 53              | 24          | 74.64                  | -3173      | 581        | 3934                 | 3868                   | 66.82                   | 58.884            |                    |      |
| 6900                                                                        | 5330                | 4446                | 4294                | 55              | 24          | 74.86                  | -3177      | 580        | 3910                 | 3841                   | 68.57                   | 57.016            |                    |      |
| 7000                                                                        | 5330                | 4454                | 4301                | 57              | 24          | 74.98                  | -3179      | 580        | 3887                 | 3817                   | 70.32                   | 55.283            |                    |      |
| 7100                                                                        | 5329                | 4461                | 4308                | 58              | 24          | 75.09                  | -3181      | 579        | 3867                 | 3795                   | 72.08                   | 53.652            |                    |      |
| 7200                                                                        | 5329                | 4468                | 4315                | 60              | 24          | 75.19                  | -3183      | 579        | 3850                 | 3776                   | 73.86                   | 52.121            |                    |      |
| 7300                                                                        | 5328                | 4475                | 4322                | 62              | 24          | 75.30                  | -3185      | 579        | 3835                 | 3759                   | 75.65                   | 50.690            |                    |      |
| 7400                                                                        | 5327                | 4493                | 4339                | 64              | 24          | 75.56                  | -3190      | 578        | 3822                 | 3745                   | 77.51                   | 49.312            |                    |      |
| 7500                                                                        | 5327                | 4493                | 4339                | 66              | 24          | 75.56                  | -3190      | 578        | 3812                 | 3733                   | 79.26                   | 48.098            |                    |      |
| 7600                                                                        | 5326                | 4493                | 4339                | 68              | 24          | 75.56                  | -3190      | 578        | 3805                 | 3724                   | 81.00                   | 46.975            |                    |      |
| 7700                                                                        | 5326                | 4493                | 4339                | 70              | 24          | 75.56                  | -3190      | 578        | 3800                 | 3718                   | 82.73                   | 45.940            |                    |      |
| 7800                                                                        | 5325                | 4493                | 4339                | 72              | 24          | 75.56                  | -3190      | 578        | 3798                 | 3714                   | 84.43                   | 44.989            |                    |      |
| 7831                                                                        | 5325                | 4510                | 4356                | 73              | 24          | 75.82                  | -3194      | 577        | 3798                 | 3713                   | 85.08                   | 44.643            |                    |      |
| 7900                                                                        | 5325                | 4515                | 4360                | 75              | 24          | 75.89                  | -3195      | 576        | 3799                 | 3713                   | 86.27                   | 44.035            |                    |      |
| 8000                                                                        | 5324                | 4521                | 4366                | 77              | 24          | 75.98                  | -3197      | 576        | 3802                 | 3714                   | 87.97                   | 43.218            |                    |      |
| 8100                                                                        | 5324                | 4528                | 4372                | 79              | 24          | 76.08                  | -3199      | 576        | 3808                 | 3718                   | 89.64                   | 42.477            |                    |      |
| 8200                                                                        | 5323                | 4534                | 4379                | 81              | 24          | 76.18                  | -3201      | 575        | 3816                 | 3725                   | 91.27                   | 41.808            |                    |      |
| 8300                                                                        | 5322                | 4557                | 4401                | 83              | 24          | 76.52                  | -3207      | 574        | 3827                 | 3734                   | 93.00                   | 41.148            |                    |      |
| 8400                                                                        | 5322                | 4557                | 4401                | 86              | 24          | 76.52                  | -3207      | 574        | 3840                 | 3746                   | 94.50                   | 40.638            |                    |      |
| 8500                                                                        | 5321                | 4557                | 4401                | 88              | 24          | 76.52                  | -3207      | 574        | 3856                 | 3760                   | 95.95                   | 40.191            |                    |      |
| 8600                                                                        | 5321                | 5136                | 4933                | 90              | 26          | 84.72                  | -3415      | 625        | 3871                 | 3768                   | 103.02                  | 37.580            |                    |      |
| 8700                                                                        | 5320                | 5841                | 5220                | 92              | 31          | 89.08                  | -3871      | 1010       | 3883                 | 3767                   | 115.44                  | 33.635            |                    |      |
| 8800                                                                        | 5320                | 5904                | 5221                | 95              | 32          | 89.10                  | -3915      | 1055       | 3886                 | 3767                   | 118.46                  | 32.805            |                    |      |
| 8900                                                                        | 5319                | 5958                | 5220                | 97              | 32          | 89.10                  | -3953      | 1093       | 3890                 | 3769                   | 121.34                  | 32.059            |                    |      |



# Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsois Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

| Offset Design: M11 2308 Pad - # 728H - Original drilling - As Drilled       |                     |                     |                     |                 |             |                        |            |            |                      |                        |                         |                   | Offset Site Error: | 0 ft |
|-----------------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|------------------------|------------|------------|----------------------|------------------------|-------------------------|-------------------|--------------------|------|
| Survey Program: 14-INCLINOMETER, 377-MWD+HDGM, 4431-MWD+HDGM, 5653-MWD+HDGM |                     |                     |                     |                 |             |                        |            |            |                      |                        |                         |                   | Offset Well Error: | 0 ft |
| Reference                                                                   |                     | Offset              |                     | Semi Major Axis |             | Offset Wellbore Centre |            |            | Rule Assigned:       |                        |                         |                   | Warning            |      |
| Measured Depth (ft)                                                         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°)  | +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Distance Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |      |
| 9000                                                                        | 5319                | 6113                | 5220                | 99              | 34          | 89.11                  | -4063      | 1202       | 3894                 | 3768                   | 126.42                  | 30.803            |                    |      |
| 9100                                                                        | 5318                | 6217                | 5219                | 102             | 36          | 89.11                  | -4137      | 1276       | 3897                 | 3766                   | 130.62                  | 29.834            |                    |      |
| 9200                                                                        | 5318                | 6329                | 5219                | 104             | 38          | 89.12                  | -4215      | 1356       | 3900                 | 3765                   | 135.14                  | 28.859            |                    |      |
| 9300                                                                        | 5317                | 6388                | 5219                | 106             | 39          | 89.12                  | -4257      | 1397       | 3903                 | 3765                   | 138.46                  | 28.191            |                    |      |
| 9400                                                                        | 5316                | 6431                | 5218                | 109             | 39          | 89.11                  | -4288      | 1428       | 3908                 | 3766                   | 141.38                  | 27.639            |                    |      |
| 9500                                                                        | 5316                | 6470                | 5217                | 111             | 40          | 89.11                  | -4316      | 1455       | 3914                 | 3770                   | 144.19                  | 27.142            |                    |      |
| 9600                                                                        | 5315                | 6583                | 5215                | 114             | 42          | 89.09                  | -4398      | 1532       | 3920                 | 3771                   | 148.97                  | 26.317            |                    |      |
| 9700                                                                        | 5315                | 6746                | 5212                | 116             | 45          | 89.06                  | -4516      | 1645       | 3926                 | 3771                   | 155.19                  | 25.297            |                    |      |
| 9800                                                                        | 5314                | 6973                | 5208                | 118             | 50          | 89.02                  | -4675      | 1806       | 3928                 | 3765                   | 163.30                  | 24.054            |                    |      |
| 9900                                                                        | 5314                | 7003                | 5207                | 121             | 51          | 89.01                  | -4696      | 1828       | 3931                 | 3765                   | 166.06                  | 23.670            |                    |      |
| 10,000                                                                      | 5313                | 7036                | 5206                | 123             | 52          | 88.99                  | -4720      | 1851       | 3935                 | 3766                   | 168.84                  | 23.305            |                    |      |
| 10,100                                                                      | 5313                | 7126                | 5204                | 125             | 53          | 88.96                  | -4785      | 1914       | 3940                 | 3767                   | 173.26                  | 22.741            |                    |      |
| 10,200                                                                      | 5312                | 7265                | 5202                | 128             | 57          | 88.95                  | -4884      | 2010       | 3945                 | 3766                   | 179.12                  | 22.026            |                    |      |
| 10,300                                                                      | 5311                | 7347                | 5202                | 130             | 58          | 88.96                  | -4942      | 2068       | 3949                 | 3766                   | 183.37                  | 21.538            |                    |      |
| 10,400                                                                      | 5311                | 7408                | 5202                | 133             | 60          | 88.97                  | -4986      | 2110       | 3955                 | 3768                   | 186.99                  | 21.148            |                    |      |
| 10,500                                                                      | 5310                | 7505                | 5202                | 135             | 62          | 88.98                  | -5057      | 2177       | 3961                 | 3769                   | 191.70                  | 20.661            |                    |      |
| 10,600                                                                      | 5310                | 7560                | 5203                | 138             | 63          | 88.99                  | -5096      | 2215       | 3967                 | 3772                   | 195.11                  | 20.332            |                    |      |
| 10,700                                                                      | 5309                | 7590                | 5203                | 140             | 64          | 88.99                  | -5119      | 2235       | 3975                 | 3777                   | 197.73                  | 20.102            |                    |      |
| 10,800                                                                      | 5309                | 7651                | 5202                | 142             | 65          | 89.00                  | -5164      | 2276       | 3984                 | 3783                   | 201.27                  | 19.795            |                    |      |
| 10,900                                                                      | 5308                | 7713                | 5203                | 145             | 67          | 89.01                  | -5211      | 2317       | 3994                 | 3790                   | 204.83                  | 19.501            |                    |      |
| 11,000                                                                      | 5308                | 8172                | 5203                | 147             | 78          | 89.06                  | -5546      | 2629       | 4004                 | 3783                   | 220.83                  | 18.132            |                    |      |
| 11,100                                                                      | 5307                | 8230                | 5203                | 150             | 79          | 89.07                  | -5587      | 2671       | 4006                 | 3782                   | 224.53                  | 17.843            |                    |      |
| 11,200                                                                      | 5307                | 8354                | 5205                | 152             | 82          | 89.11                  | -5673      | 2759       | 4009                 | 3779                   | 230.18                  | 17.416            |                    |      |
| 11,300                                                                      | 5306                | 8413                | 5207                | 155             | 83          | 89.13                  | -5715      | 2802       | 4011                 | 3778                   | 233.92                  | 17.149            |                    |      |
| 11,400                                                                      | 5305                | 8501                | 5208                | 157             | 86          | 89.15                  | -5777      | 2863       | 4015                 | 3776                   | 238.48                  | 16.836            |                    |      |
| 11,500                                                                      | 5305                | 8569                | 5207                | 159             | 87          | 89.15                  | -5826      | 2911       | 4019                 | 3776                   | 242.45                  | 16.576            |                    |      |
| 11,600                                                                      | 5304                | 8638                | 5207                | 162             | 89          | 89.15                  | -5875      | 2959       | 4024                 | 3777                   | 246.42                  | 16.329            |                    |      |
| 11,700                                                                      | 5304                | 8758                | 5207                | 164             | 92          | 89.16                  | -5961      | 3043       | 4029                 | 3777                   | 252.00                  | 15.987            |                    |      |
| 11,800                                                                      | 5303                | 8911                | 5207                | 167             | 96          | 89.18                  | -6070      | 3151       | 4033                 | 3774                   | 258.64                  | 15.593            |                    |      |
| 11,900                                                                      | 5303                | 8997                | 5208                | 169             | 98          | 89.20                  | -6131      | 3212       | 4036                 | 3773                   | 263.19                  | 15.336            |                    |      |
| 12,000                                                                      | 5302                | 9063                | 5209                | 172             | 99          | 89.21                  | -6178      | 3258       | 4040                 | 3773                   | 267.10                  | 15.126            |                    |      |
| 12,100                                                                      | 5302                | 9180                | 5210                | 174             | 102         | 89.24                  | -6261      | 3340       | 4044                 | 3772                   | 272.63                  | 14.834            |                    |      |
| 12,200                                                                      | 5301                | 9269                | 5210                | 177             | 105         | 89.24                  | -6324      | 3403       | 4048                 | 3771                   | 277.27                  | 14.600            |                    |      |
| 12,300                                                                      | 5300                | 9355                | 5210                | 179             | 107         | 89.25                  | -6385      | 3463       | 4053                 | 3771                   | 281.81                  | 14.381            |                    |      |
| 12,400                                                                      | 5300                | 9423                | 5210                | 182             | 108         | 89.26                  | -6434      | 3511       | 4057                 | 3772                   | 285.78                  | 14.198            |                    |      |
| 12,500                                                                      | 5299                | 9542                | 5209                | 184             | 111         | 89.26                  | -6520      | 3593       | 4063                 | 3771                   | 291.38                  | 13.943            |                    |      |
| 12,600                                                                      | 5299                | 9606                | 5209                | 186             | 113         | 89.27                  | -6566      | 3637       | 4068                 | 3773                   | 295.20                  | 13.782            |                    |      |
| 12,700                                                                      | 5298                | 9714                | 5209                | 189             | 116         | 89.27                  | -6645      | 3712       | 4074                 | 3774                   | 300.46                  | 13.561            |                    |      |
| 12,800                                                                      | 5298                | 9790                | 5209                | 191             | 118         | 89.28                  | -6699      | 3764       | 4080                 | 3775                   | 304.65                  | 13.393            |                    |      |
| 12,900                                                                      | 5297                | 9894                | 5209                | 194             | 120         | 89.29                  | -6775      | 3835       | 4087                 | 3777                   | 309.75                  | 13.193            |                    |      |
| 13,000                                                                      | 5297                | 10,035              | 5208                | 196             | 124         | 89.30                  | -6876      | 3934       | 4091                 | 3775                   | 316.12                  | 12.942            |                    |      |
| 13,100                                                                      | 5296                | 10,165              | 5207                | 199             | 127         | 89.29                  | -6969      | 4024       | 4096                 | 3774                   | 322.10                  | 12.717            |                    |      |
| 13,200                                                                      | 5296                | 10,238              | 5207                | 201             | 129         | 89.29                  | -7021      | 4075       | 4101                 | 3775                   | 326.23                  | 12.570            |                    |      |
| 13,300                                                                      | 5295                | 10,293              | 5207                | 204             | 130         | 89.29                  | -7061      | 4114       | 4106                 | 3777                   | 329.77                  | 12.452            |                    |      |
| 13,400                                                                      | 5294                | 10,392              | 5207                | 206             | 133         | 89.31                  | -7133      | 4182       | 4113                 | 3778                   | 334.73                  | 12.286            |                    |      |
| 13,500                                                                      | 5294                | 10,515              | 5208                | 209             | 136         | 89.33                  | -7222      | 4266       | 4119                 | 3778                   | 340.50                  | 12.095            |                    |      |
| 13,600                                                                      | 5293                | 10,595              | 5210                | 211             | 138         | 89.36                  | -7280      | 4322       | 4124                 | 3779                   | 344.88                  | 11.958            |                    |      |
| 13,700                                                                      | 5293                | 10,682              | 5210                | 214             | 140         | 89.37                  | -7343      | 4382       | 4130                 | 3781                   | 349.42                  | 11.821            |                    |      |
| 13,800                                                                      | 5292                | 10,804              | 5208                | 216             | 143         | 89.35                  | -7431      | 4466       | 4136                 | 3781                   | 355.18                  | 11.646            |                    |      |
| 13,900                                                                      | 5292                | 10,921              | 5207                | 219             | 146         | 89.35                  | -7516      | 4547       | 4142                 | 3781                   | 360.75                  | 11.482            |                    |      |
| 14,000                                                                      | 5291                | 11,014              | 5207                | 221             | 148         | 89.36                  | -7583      | 4611       | 4147                 | 3782                   | 365.54                  | 11.346            |                    |      |
| 14,100                                                                      | 5291                | 11,117              | 5206                | 224             | 151         | 89.36                  | -7657      | 4683       | 4153                 | 3782                   | 370.67                  | 11.204            |                    |      |



## Lonestar Consulting, LLC

## Anticollision Report



|                           |                      |                                     |                                          |
|---------------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating        | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonnies Tsoie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad         | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft                 | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft                 | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling    | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3            | <b>Offset TVD Reference:</b>        | Offset Datum                             |

|                                                                                    |                            |                            |                            |                        |                    |                               |                   |                   |                             |                              |                                |                           |      |
|------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|------------------------|--------------------|-------------------------------|-------------------|-------------------|-----------------------------|------------------------------|--------------------------------|---------------------------|------|
| <b>Offset Design:</b> M11 2308 Pad - # 728H - Original drilling - As Drilled       |                            |                            |                            |                        |                    |                               |                   |                   |                             |                              |                                | <b>Offset Site Error:</b> | 0 ft |
| <b>Survey Program:</b> 14-INCLINOMETER, 377-MWD+HDGM, 4431-MWD+HDGM, 5653-MWD+HDGM |                            |                            |                            |                        |                    |                               |                   |                   |                             |                              |                                | <b>Offset Well Error:</b> | 0 ft |
| <b>Reference</b>                                                                   |                            | <b>Offset</b>              |                            | <b>Semi Major Axis</b> |                    | <b>Offset Wellbore Centre</b> |                   | <b>Distance</b>   |                             | <b>Rule Assigned:</b>        |                                | <b>Warning</b>            |      |
| <b>Measured Depth (ft)</b>                                                         | <b>Vertical Depth (ft)</b> | <b>Measured Depth (ft)</b> | <b>Vertical Depth (ft)</b> | <b>Reference (ft)</b>  | <b>Offset (ft)</b> | <b>Highside Toolface (°)</b>  | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Between Centres (ft)</b> | <b>Between Ellipses (ft)</b> | <b>Minimum Separation (ft)</b> | <b>Separation Factor</b>  |      |
| 14,200                                                                             | 5290                       | 11,300                     | 5204                       | 226                    | 156                | 89.34                         | -7788             | 4811              | 4157                        | 3779                         | 378.42                         | 10.986                    |      |
| 14,300                                                                             | 5289                       | 11,341                     | 5203                       | 229                    | 157                | 89.34                         | -7817             | 4840              | 4162                        | 3780                         | 381.55                         | 10.907                    |      |
| 14,400                                                                             | 5289                       | 11,462                     | 5202                       | 231                    | 160                | 89.33                         | -7903             | 4923              | 4167                        | 3779                         | 387.26                         | 10.759                    |      |
| 14,500                                                                             | 5288                       | 11,507                     | 5201                       | 234                    | 161                | 89.32                         | -7936             | 4955              | 4172                        | 3781                         | 390.46                         | 10.684                    |      |
| 14,600                                                                             | 5288                       | 11,569                     | 5200                       | 236                    | 162                | 89.31                         | -7981             | 4998              | 4178                        | 3784                         | 394.20                         | 10.599                    |      |
| 14,700                                                                             | 5287                       | 11,757                     | 5198                       | 238                    | 167                | 89.30                         | -8116             | 5128              | 4183                        | 3781                         | 402.19                         | 10.401                    |      |
| 14,800                                                                             | 5287                       | 11,807                     | 5198                       | 241                    | 168                | 89.30                         | -8152             | 5163              | 4188                        | 3783                         | 405.55                         | 10.327                    |      |
| 14,900                                                                             | 5286                       | 11,842                     | 5197                       | 243                    | 169                | 89.29                         | -8178             | 5187              | 4195                        | 3786                         | 408.35                         | 10.272                    |      |
| 15,000                                                                             | 5286                       | 11,929                     | 5196                       | 246                    | 171                | 89.29                         | -8242             | 5246              | 4202                        | 3789                         | 412.89                         | 10.177                    |      |
| 15,100                                                                             | 5285                       | 12,047                     | 5196                       | 248                    | 174                | 89.30                         | -8328             | 5326              | 4209                        | 3791                         | 418.55                         | 10.056                    |      |
| 15,200                                                                             | 5285                       | 12,047                     | 5196                       | 251                    | 174                | 89.30                         | -8328             | 5326              | 4217                        | 3797                         | 419.94                         | 10.043                    |      |
| 15,300                                                                             | 5284                       | 12,047                     | 5196                       | 253                    | 174                | 89.30                         | -8328             | 5326              | 4228                        | 3807                         | 421.09                         | 10.041 SF                 |      |
| 15,400                                                                             | 5283                       | 12,047                     | 5196                       | 256                    | 174                | 89.30                         | -8328             | 5326              | 4241                        | 3819                         | 422.01                         | 10.049                    |      |
| 15,473                                                                             | 5283                       | 12,047                     | 5196                       | 258                    | 174                | 89.30                         | -8328             | 5326              | 4252                        | 3829                         | 422.54                         | 10.063                    |      |



## Lonestar Consulting, LLC

## Anticollision Report



|                           |                    |                                     |                                          |
|---------------------------|--------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating      | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonne Tsoie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad       | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft               | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H             | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft               | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling  | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3          | <b>Offset TVD Reference:</b>        | Offset Datum                             |

Reference Depths are relative to GL 6933' &amp; RKB 25' @ 6958ft (Aztec)

Offset Depths are relative to Offset Datum

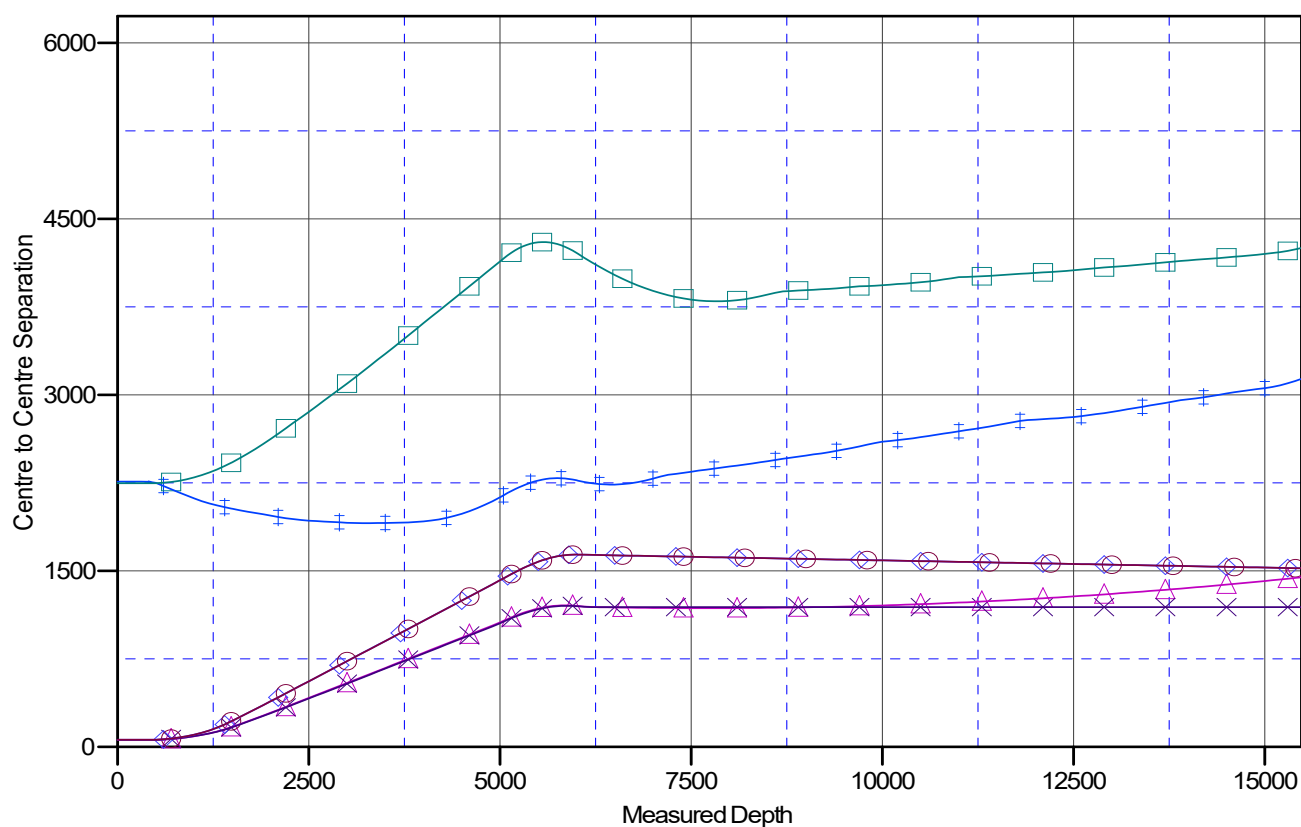
Central Meridian is -107.8333334

Coordinates are relative to: # 731H - Slot 2

Coordinate System is US State Plane 1983, New Mexico Western Zone

Grid Convergence at Surface is: 0.10°

## Ladder Plot



## LEGEND





## Lonestar Consulting, LLC

## Anticollision Report



|                           |                    |                                     |                                          |
|---------------------------|--------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>           | DJR Operating      | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Project:</b>           | Betonne Tsoie Unit | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Reference Site:</b>    | I10 2308 Pad       | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site Error:</b>        | 0 ft               | <b>North Reference:</b>             | True                                     |
| <b>Reference Well:</b>    | # 731H             | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Well Error:</b>        | 0 ft               | <b>Output errors are at</b>         | 2.00 sigma                               |
| <b>Reference Wellbore</b> | Original drilling  | <b>Database:</b>                    | Grand Junction                           |
| <b>Reference Design:</b>  | APD Rev 3          | <b>Offset TVD Reference:</b>        | Offset Datum                             |

Reference Depths are relative to GL 6933' &amp; RKB 25' @ 6958ft (Aztec)

Offset Depths are relative to Offset Datum

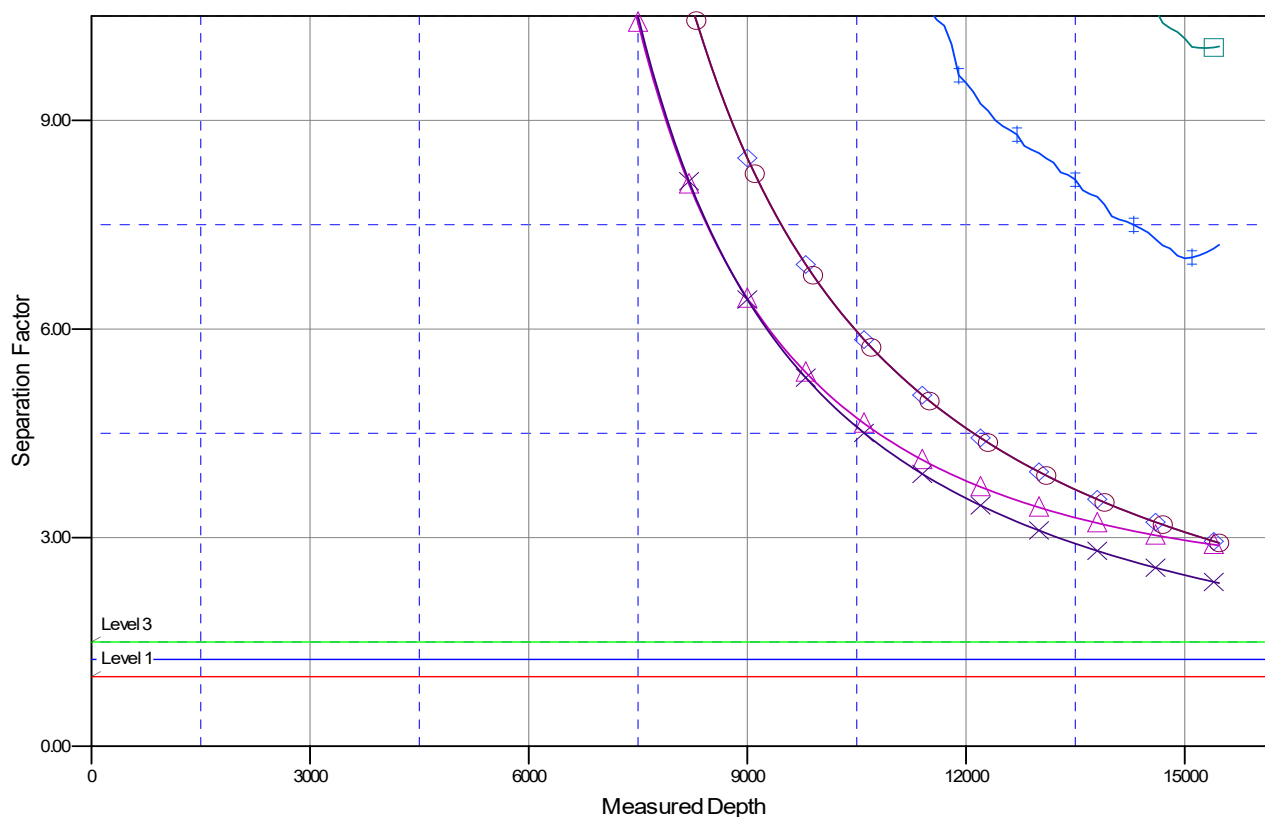
Central Meridian is -107.833334

Coordinates are relative to: # 731H - Slot 2

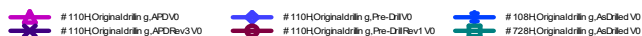
Coordinate System is US State Plane 1983, New Mexico Western Zone

Grid Convergence at Surface is: 0.10°

## Separation Factor Plot



## LEGEND



Rev 3



## DRILLING PLAN

### Bettonie Tsoie 731H

### San Juan County, New Mexico

**Surface Location**

508-ft FEL & 2490-ft FSL  
 Sec 10 T23N R8W  
 Graded Elevation 6933' MSL  
 RKB Elevation 6958' (25' KB)

**SHL Geographical Coordinates (NAD-83)**

Latitude 36.2411340° N  
 Longitude 107.6617220° W

**Kick Off Point for Horizontal Build Curve**

5045-ft MD  
 4767-ft TVD

**Local Coordinates (from SHL)**

998-ft North  
 1148-ft East

**Heel Location (Pay zone entry)**

1261-ft FWL & 2089-ft FNL  
 Sec 11 T23N R8W

**Heel Geographical Coordinates (NAD-83)**

Latitude 36.24313371° N  
 Longitude 107.65571953° W

**Bottom Hole Location (TD)**

2362-ft FEL & 2073-ft FSL  
 Sec 13 T23N R8W

**BHL Geographical Coordinates (NAD-83)**

Latitude 36.22542815° N  
 Longitude 107.6322894° W

**Well objectives**

This well is planned as a 9450-ft lateral in the Gallup C sand.

**Bottom Hole temperature and pressure**

The temperature in the Gallup C horizontal objective is 141°F. Bottom hole pressure in the Gallup C is forecast to be 1985 psi.

**Formation Tops** (Sd = Sand; Sh = Shale; Siltstone = Slt, Coal = C; W = water; O = oil; G = gas; NP = no penetration)

| Name            | MD (ft) | TVD (ft) | Lithology | Pore fluid | Expected Pore Pressure (ppg) | Planned Mud Weight (ppg) |
|-----------------|---------|----------|-----------|------------|------------------------------|--------------------------|
| Ojo Alamo       | 1072    | 1066     | Sd        | W          | 8.3                          | 8.4 – 8.8                |
| Kirtland        | 1178    | 1168     | Sh        | -          | 8.3                          | 8.4 – 8.8                |
| Fruitland       | 1357    | 1339     | C         | G          | 8.3                          | 9.0 - 9.5                |
| Pictured Cliffs | 1713    | 1671     | Sd        | W          | 8.3                          | 9.0 - 9.5                |
| Lewis           | 1945    | 1887     | Sh        | -          |                              | 9.0 - 9.5                |
| Chacra          | 2541    | 2440     | Sd        | -          | 8.3                          | 9.0 - 9.5                |
| Menefee         | 3382    | 3221     | Sd, C     | G          | 8.3                          | 9.0 - 9.5                |
| Point Lookout   | 4303    | 4077     | Sd        | -          | 8.3                          | 9.0 - 9.5                |
| Mancos          | 4503    | 4263     | Sh        | -          |                              | 9.0 - 9.5                |
| Mancos Silt     | 4826    | 4563     | Slt       | O/G        | 6.6                          | 9.0 - 9.5                |
| Gallup A        | 5373    | 5055     | Slt       | O/G        | 6.6                          | 9.0 - 9.5                |
| Gallup B        | 5429    | 5098     | Sd        | O/G        | 6.6                          | 8.8 - 9.0                |
| Gallup C        | 5565    | 5190     | Sd        | O/G        | 6.6                          | 8.8 - 9.0                |
| Target          | 6024    | 5335     | Sd        | O/G        | 6.6                          | 8.8 - 9.0                |

**Casing Program**

| Casing OD | Hole Size | Weight (#/ft) | Grade | Coupling | MD Top | MD Bottom | TVD Top | TVD Bottom | Top of Cement |
|-----------|-----------|---------------|-------|----------|--------|-----------|---------|------------|---------------|
| 9-5/8"    | 12-1/4"   | 36            | K-55  | STC      | surf   | 385       | surf    | 385        | surface       |
| 7"        | 8-3/4"    | 26            | K-55  | LTC      | surf   | 5960      | surf    | 5332       | surface       |
| 4-1/2"    | 6-1/8"    | 11.6          | P-110 | BTC      | 5659   | 15473     | 5242    | 5283       | 5659          |

Note: all casing will be new

Rev 3



## Casing Design Load Cases

|             |                                              | Casing String  |                 |                         |
|-------------|----------------------------------------------|----------------|-----------------|-------------------------|
| Description |                                              | 9-5/8" Surface | 7" Intermediate | 4-1/2" Production Liner |
| Collapse    | Full internal evacuation <sup>1</sup>        | ✓              | ✓               | ✓                       |
|             | Cementing                                    | ✓              | ✓               | ✓                       |
| Burst       | Pressure test                                | ✓ <sup>2</sup> | ✓ <sup>2</sup>  | ✓                       |
|             | Gas kick                                     |                | ✓ <sup>3</sup>  |                         |
|             | Fracture at shoe, 1/3 BHP at surface         |                | ✓ <sup>4</sup>  |                         |
|             | Injection down casing                        |                |                 | ✓ <sup>5</sup>          |
| Axial       | Dynamic load on casing coupling <sup>6</sup> | ✓              | ✓               | ✓                       |
| Axial       | Overpull <sup>7</sup>                        | ✓              | ✓               | ✓                       |

## Note #

- 1 Fluid level at shoe, air column to surface, pore pressure outside
- 2 Tested to 80% of minimum internal yield with freshwater inside, pore pressure outside
- 3 50 bbl kick at TD, 0.50 ppg intensity, 4" drill pipe, 9.0 ppg mud, fracture gradient at shoe
- 4 2060 psi BHP, 687 psi surface pressure, 12.5 ppg EMW shoe integrity
- 5 Surface stimulation pressure of 8000 psi on 8.3 ppg fluid column. Stimulation will be down frac string, so load does not apply to 7" intermediate casing.
- 6 Shock load from abrupt pipe deceleration, evaluated against coupling rating
- 7 Overpull values as follows: Surface casing 20,000 lbs, Intermediate & Production 100,000 lbs

## Casing Design Factors

|                  |           | Design Factors |          |       |          |
|------------------|-----------|----------------|----------|-------|----------|
| Casing string    | Casing OD | Burst          | Collapse | Axial | Triaxial |
| Surface          | 9-5/8"    | 1.25           | 13.38    | 8.16  | 1.56     |
| Intermediate     | 7"        | 1.25           | 1.50     | 1.68  | 1.34     |
| Production liner | 4-1/2"    | 1.37           | 3.68     | 1.88  | 1.69     |

## Cement Design

## 9-5/8" Surface Casing

|                    | Lead     |
|--------------------|----------|
| Name               | Redi-Mix |
| Type               | I-II     |
| Planned top        | Surface  |
| Density (ppg)      | 14.50    |
| Yield (cf/sx)      | 1.61     |
| Mix water (gal/sx) | 7.41     |
| Volume (sx)        | 114      |
| Volume (bbls)      | 33       |
| Volume (cu. ft.)   | 185      |
| Excess %           | 50       |

## 7" Intermediate Casing

|                    | Lead        | Tail        |
|--------------------|-------------|-------------|
|                    | BJ Services | BJ Services |
| Type               | III         | Poz/G       |
| Planned top        | Surface     | 4545-ft     |
| Density (ppg)      | 12.30       | 13.50       |
| Yield (cf/sx)      | 2.34        | 1.50        |
| Mix water (gal/sx) | 13.26       | 7.20        |
| Volume (sx)        | 443         | 227         |
| Volume (bbls)      | 185         | 60          |
| Volume (cu.ft.)    | 1036        | 339         |
| Excess %           | 55          | 55          |



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4-1/2" Production Liner

|                    | BJ Services |
|--------------------|-------------|
| Type               | Poz/G       |
| Planned top        | 5659-ft     |
| Density (ppg)      | 13.3        |
| Yield (cf/sx)      | 1.56        |
| Mix water (gal/sx) | 7.71        |
| Volume (sx)        | 825         |
| Volume (bbls)      | 230         |
| Volume (cu.ft)     | 1289        |
| Excess %           | 40          |

**Wellhead & Pressure Control**

The well head will be an 11" 5M multi-bowl system. A 3M BOPE conforming to Onshore Order #2 will be installed on the surface casing. The BOP and accumulator will meet API 16D and 16E respectively.

A PVT mud monitoring system and a trip tank will be rigged up and operational for all hole intervals. An electronic geolograph will be employed to monitor and record drilling data (ROP, WOB, SPM, Pressure, RPM and torque).

**Mud Program**

Surface hole will be drilled with a fresh water, native mud system. In intermediate hole, a low weight 7% KCl LSND drilling fluid will be used, with KCl providing chemical stability for the young shales and clays present in the interval. In production hole a LSND system with polymer and lubricant additives is programmed. Sufficient drill water and mud additives will be on hand to maintain adequate pit volumes and maintain well control.

| Hole Section | Fluid type                       | Interval (MD) | Density (ppg) | Funnel Viscosity | Yield Point | Fluid Loss (cc/30 min) |
|--------------|----------------------------------|---------------|---------------|------------------|-------------|------------------------|
| Surface      | Fresh water spud mud             | 0 – 385       | 8.4 – 8.8     | 32 – 44          | 2 – 12      | NC                     |
| Intermediate | 7% KCl Low solids, non-dispersed | 385 – 5960    | 9.0 – 9.5     | 38 – 45          | 8 – 14      | <20                    |
| Production   | Low solids, non-dispersed        | 5960 – 15473  | 8.8 – 9.2     | 34 – 38          | 6 – 8       | 6 – 8                  |

**Cores, tests and logs**

Wellbore surveying: Drift (inclination only) surveys will be obtained in surface hole. MWD directional surveys will be taken in intermediate and production hole.

Logging while drilling: None in surface hole. MWD GR in intermediate and production hole.

Mud logging: a two-person mud logging unit with C1 – C4 gas analysis will be operational in intermediate and production hole.

Electric logging: No open hole electric logs are programmed. A cased hole GR/CCL will be run during completions for perforating depth control.

**Cuttings and drilling fluids management**

A closed loop, steel tank-based circulating system will be used. In addition to the rig solids control equipment, a dewatering centrifuge and chemical flocculation system will be operational to strip solids from the whole mud. All solids will be collected in 3-sided bins and will then be put into transports with a bucket loader. Drying agents will be used if necessary. The solids will be taken to a licensed commercial disposal facility. Whole mud will be dewatered back to drill water and used as make up for subsequent wells or hauled off for disposal. A diagram of the closed loop system is included.

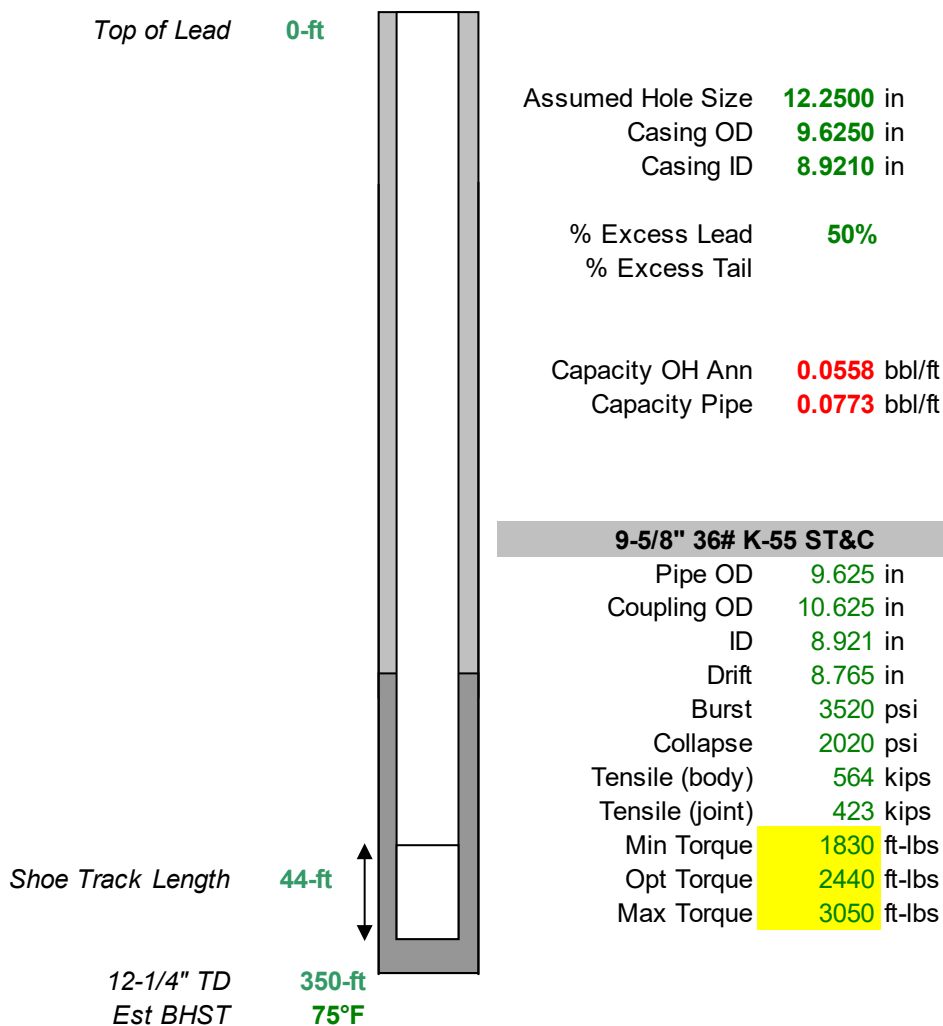
**Completion**

It is envisioned that this well will be completed with a multi-stage sand frac, using the plug and perf technique. After drilling out the plugs, the current plan is to install a 2-7/8" plunger-assisted gas lift tubing string. The stimulation and completion plan will be sundried at a later date.

Rev 3



## 9-5/8" Surface Casing &amp; Cementing



## Lead Slurry

## Properties

|                    |                      |             |
|--------------------|----------------------|-------------|
| Redi Mix Type I/ii | Density              | 14.50 ppg   |
| 20% Fly Ash        | Yield                | 1.61 cf/sk  |
|                    | Total Mix Fluid      | 7.41 gal/sk |
|                    | Est pump time (70Bc) | NA          |
|                    | 8-hr compressive     | 475 psi     |
|                    | 24-hr compressive    | 1375 psi    |

## Tail Slurry

## Properties

|      |                      |        |
|------|----------------------|--------|
| None | Density              | ppg    |
|      | Yield                | cf/sk  |
|      | Total Mix Fluid      | gal/sk |
|      | Est pump time (70Bc) |        |
|      | 50 psi strength in   |        |
|      | 24/72 hr strength    | psi    |

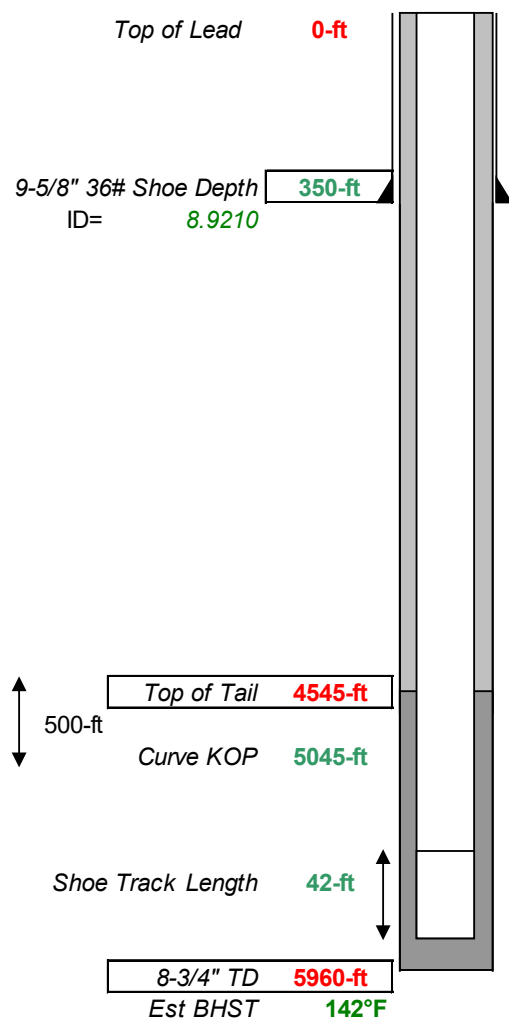
## Volumes

|              |         |        |
|--------------|---------|--------|
| Lead Volume  | 33 bbls | 114 sx |
| Tail Volume  | bbls    | sx     |
| Displacement | 24 bbls |        |
| Total Volume | 56 bbls |        |

Rev 3



### 7" Intermediate Casing & Cementing Bettonie Tsosie 731H



|                        |        |    |
|------------------------|--------|----|
| Assumed Hole Size Lead | 8.7500 | in |
| Assumed Hole Size Tail | 8.7500 | in |
| Casing OD              | 7.0000 | in |
| Casing ID              | 6.2760 | in |

|                  |     |
|------------------|-----|
| % OH Excess Lead | 55% |
| % OH Excess Tail | 55% |

|                      |        |        |
|----------------------|--------|--------|
| Capacity CH Ann      | 0.0297 | bbl/ft |
| Capacity OH Ann Lead | 0.0268 | bbl/ft |
| Capacity OH Ann Tail | 0.0268 | bbl/ft |
| Capacity Pipe        | 0.0383 | bbl/ft |

#### 7" 26# K-55 LT&C

|                 |       |        |
|-----------------|-------|--------|
| Pipe OD         | 7.000 | in     |
| Weight          | 26    | lbs/ft |
| Grade           | K-55  |        |
| Coupling        | LTC   |        |
| Coupling OD     | 7.656 | in     |
| ID              | 6.276 | in     |
| Drift           | 6.151 | in     |
| Burst           | 4980  | psi    |
| Collapse        | 4320  | psi    |
| Tensile (body)  | 415   | kips   |
| Tensile (joint) | 401   | kips   |
| Min Torque      | 3008  | ft-lbs |
| Opt Torque      | 4010  | ft-lbs |
| Max Torque      | 5013  | ft-lbs |

#### BJ Lead Slurry

| Properties     |                                   |
|----------------|-----------------------------------|
| Type III       | Density 12.30 ppg                 |
| BA-90 5 lb/sx% | Yield 2.3404 cf/sk                |
| KCI 3.00%      | Total Mix Fluid 13.26 gal/sk      |
| GW-86 0.10%    | Thickening Time 3:11 hr:min       |
| FL-66 0.20%    | Time to 50 psi (80°F) 5:10 hr:min |
| R-3 0.50%      | 24-hr UCA (80°F) 659 psi          |
| FP-25 0.30%    |                                   |

#### BJ Tail Slurry

| Properties     |                                     |
|----------------|-------------------------------------|
| G+Pozz 50:50   | Density 13.50 ppg                   |
| BA-90 3 lb/sx  | Yield 1.4946 cf/sk                  |
| FL-66 0.40%    | Total Mix Fluid 7.24 gal/sk         |
| FP-25 0.30%    | Thickening Time 3:26 hr:min         |
| Sod. Met 0.50% | Time to 50 psi (135°F) 2:55 hr:min  |
| Gyp 3.00%      | Time to 500 psi (135°F) 6:40 hr:min |

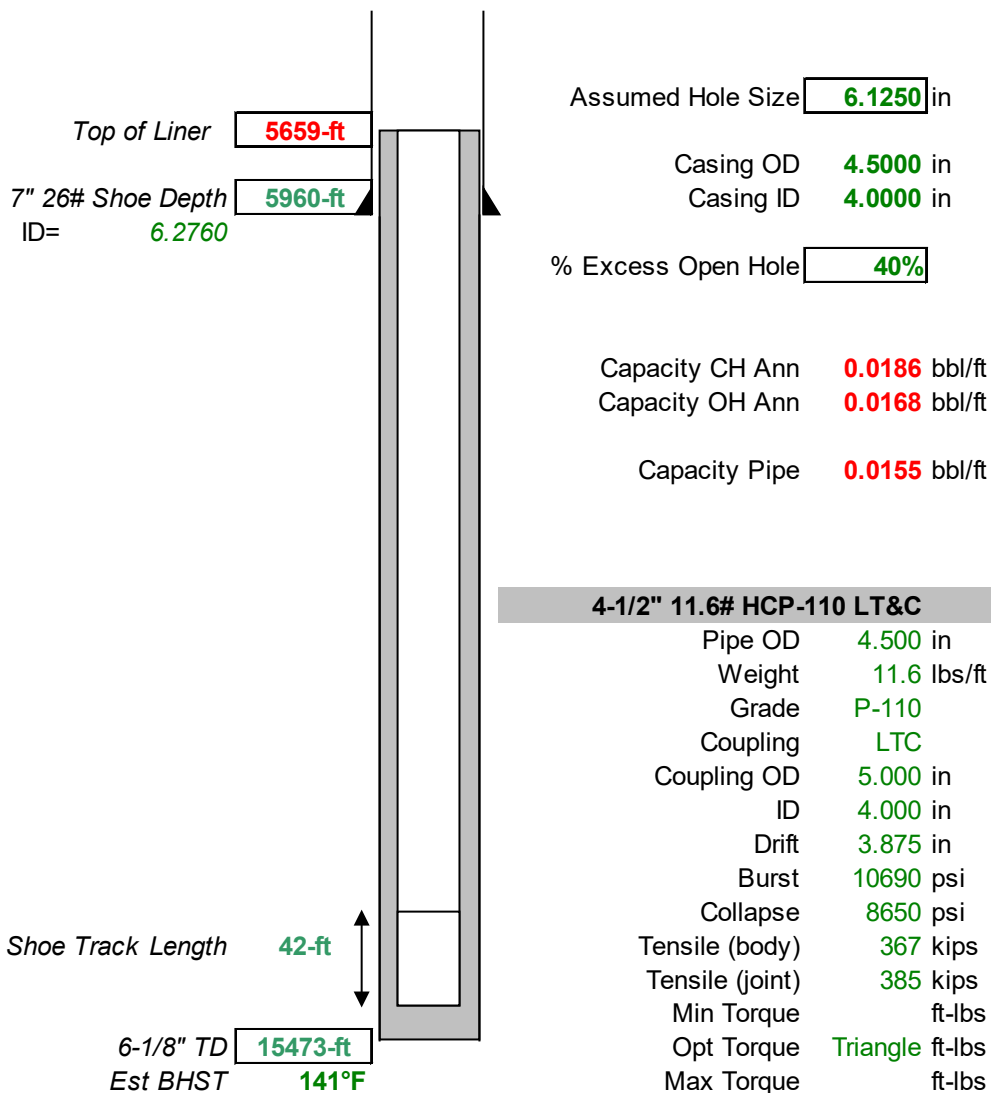
#### Volumes

|                     |          |        |
|---------------------|----------|--------|
| Lead Volume         | 185 bbls | 443 sx |
| Tail Volume         | 60 bbls  | 227 sx |
| Approx Displacement | 226 bbls |        |
| Total Volume        | 471 bbls |        |

Rev 3



### 4-1/2" Liner Cementing Bettonie Tsosie 731H



| BJ Lead Slurry      |          | Properties             |              |
|---------------------|----------|------------------------|--------------|
| G+Pozz              | 50:50    | Density                | 13.30 ppg    |
| BA-90               | 3 lb/sx  | Yield                  | 1.5629 cf/sk |
| GW-86               | 0.10%    | Total Mix Fluid        | 7.70 gal/sk  |
| R-3                 | 0.40%    | Thickening Time        | 6:04 hr:min  |
| FP-25               | 30.00%   | Time to 50 psi (147°F) | 7:15 hr:min  |
| FL-24               | 0.40%    | 24-hr UCA (147°F)      | 1293 psi     |
| Gel                 | 4.00%    |                        |              |
| Volumes             |          |                        |              |
| Lead Volume         | 230 bbls | 825 sx                 |              |
| Approx Displacement | 167 bbls |                        |              |
| Total Volume        | 397 bbls |                        |              |



Company: DJR Operating  
Project: Bettonnie Tsosie Unit  
Site: 110 2308 Pad  
Well: # 731H  
Wellbore: Original drilling  
Design: APD Rev 3

WELL DETAILS: # 731H

GL 6933' & RKB 25' @ 6958ft (Aztec 1000)

+N/-S

+E/-W

Northing

Easting

Latitude

Longitude

0

0

1907115.89

2773697.18

36.2411340

-107.6617220

2

PROJECT DETAILS: Bettonnie Tsosie Unit

Geodetic System: US State Plane 1983

Datum: North American Datum 1983

Ellipsoid: GRS 1980

Zone: New Mexico Western Zone

System Datum: Mean Sea Level

Local North: True

Plan: APD Rev 3 (# 731H/Original drilling)

Created By: Janie Collins Date: 15:03, April 12 2021



Received by OCB: 6/2/2021 8:01:01 AM

North

Magnetic North

True North

Model: HDGM2021\_F1-E

Magnetic Field

Strength: 49268

Dip Angle: 62.7

Date: 1/21/2021

| DESIGN TARGET DETAILS |      |       |       |            |            |            |              |
|-----------------------|------|-------|-------|------------|------------|------------|--------------|
| Name                  | TVD  | +N/-S | +E/-W | Northing   | Easting    | Latitude   | Longitude    |
| 731H heel rev 3       | 5335 | 728   | 1770  | 1907847.02 | 2775465.88 | 36.2431337 | -107.6557195 |
| 731H toe rev 3        | 5283 | -5716 | 8681  | 1901415.30 | 2782388.25 | 36.2254282 | -107.6322894 |

| SECTION DETAILS |       |        |      |       |       |      |       |       |                 |  |  |
|-----------------|-------|--------|------|-------|-------|------|-------|-------|-----------------|--|--|
| MD              | Inc   | Azi    | TVD  | +N/-S | +E/-W | Dleg | TFace | Vsect | Target          |  |  |
| 0               | 0.00  | 0.00   | 0    | 0     | 0     | 0.00 | 0.00  | 0     |                 |  |  |
| 400             | 0.00  | 0.00   | 400  | 0     | 0     | 0.00 | 0.00  | 0     |                 |  |  |
| 1486            | 21.73 | 48.99  | 1461 | 134   | 154   | 2.00 | 48.99 | 55    |                 |  |  |
| 5045            | 21.73 | 48.99  | 4767 | 998   | 1148  | 0.00 | 0.00  | 410   |                 |  |  |
| 6024            | 90.32 | 133.00 | 5335 | 728   | 1770  | 9.00 | 84.32 | 1078  | 731H heel rev 3 |  |  |
| 15473           | 90.32 | 133.00 | 5283 | -5716 | 8681  | 0.00 | 0.00  | 10394 | 731H toe rev 3  |  |  |

| CASING DETAILS |      |              |
|----------------|------|--------------|
| TVD            | MD   | Na           |
| 385            | 385  | Surface      |
| 5332           | 5960 | Intermediate |

| FORMATION DETAILS |        |                |
|-------------------|--------|----------------|
| TVDPath           | MDPath | Formation      |
| 1066              | 1072   | Ojo Alamo      |
| 1168              | 1178   | Kirtland       |
| 1339              | 1357   | Fruitland      |
| 1671              | 1713   | Picture Cliffs |
| 1887              | 1945   | Lewis          |
| 2440              | 2541   | Chacra         |
| 3221              | 3382   | Menefee        |
| 4077              | 4303   | Point Lookout  |
| 4263              | 4503   | Mancos         |
| 4563              | 4826   | Mancos Silt    |
| 5055              | 5373   | Gallup A       |
| 5098              | 5429   | Gallup B       |
| 5190              | 5565   | Gallup C       |

True Vertical Depth (1500 ft/in)

West(-)/East(+) (3000 ft/in)

Vertical Section at 123.36° (1500 ft/in)

Surface

Intermediate

731H heel rev 3

731H toe rev 3

# 731H/Original drilling

# 731H/Original drilling/APD Rev 3

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## **DJR Operating**

**Bettonie Tsosie Unit**

**I10 2308 Pad**

**# 731H - Slot 2**

**Original drilling**

**Plan: APD Rev 3**

## **Standard Planning Report**

**12 April, 2021**





**Lonestar Consulting, LLC**  
Planning Report



|                  |                    |                                     |                                          |
|------------------|--------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | Grand Junction     | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Company:</b>  | DJR Operating      | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Project:</b>  | Betonne Tsoie Unit | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site:</b>     | I10 2308 Pad       | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | # 731H             | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | Original drilling  |                                     |                                          |
| <b>Design:</b>   | APD Rev 3          |                                     |                                          |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | Betonne Tsoie Unit        |                      |                |
| <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 Western Zone   |                      |                |

|                       |              |              |                   |                   |              |
|-----------------------|--------------|--------------|-------------------|-------------------|--------------|
| Site                  | I10 2308 Pad |              |                   |                   |              |
| Site Position:        |              | Northing:    | 1,907,115.89 usft | Latitude:         | 36.2411340   |
| From:                 | Lat/Long     | Easting:     | 2,773,697.18 usft | Longitude:        | -107.6617220 |
| Position Uncertainty: | 0 ft         | Slot Radius: | 13.20 in          | Grid Convergence: | 0.10         |

|                      |                 |      |                     |                   |               |              |
|----------------------|-----------------|------|---------------------|-------------------|---------------|--------------|
| Well                 | # 731H - Slot 2 |      |                     |                   |               |              |
| Well Position        | +N/-S           | 0 ft | Northing:           | 1,907,115.89 usft | Latitude:     | 36.2411340   |
|                      | +E/-W           | 0 ft | Easting:            | 2,773,697.18 usft | Longitude:    | -107.6617220 |
| Position Uncertainty |                 | 0 ft | Wellhead Elevation: |                   | Ground Level: | 6933 ft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Original drilling |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | HDGM2021_FILE     | 1/21/2021          | 8.62                   | 62.75                | 49,268.30000000            |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b>            | APD Rev 3                    |                   |                      |                      |
| <b>Audit Notes:</b>      |                              |                   |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                | PLAN              | <b>Tie On Depth:</b> | 0                    |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>    | <b>Direction (°)</b> |
|                          | 0                            | 0                 | 0                    | 123.36               |

|                                 |                      |                          |                               |                        |
|---------------------------------|----------------------|--------------------------|-------------------------------|------------------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>          | 4/12/2021                |                               |                        |
| <b>Depth From (ft)</b>          | <b>Depth To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>              | <b>Remarks</b>         |
| 1                               | 0                    | 15,473                   | APD Rev 3 (Original drilling) | MWD+IGRF               |
|                                 |                      |                          |                               | OWSG MWD + IGRF or WMM |

|                            |                        |                    |                            |                   |                   |                                |                               |                              |                |                 |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|--------------------------------|-------------------------------|------------------------------|----------------|-----------------|
| <b>Plan Sections</b>       |                        |                    |                            |                   |                   |                                |                               |                              |                |                 |
| <b>Measured Depth (ft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>   |
| 0                          | 0.00                   | 0.00               | 0                          | 0                 | 0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                 |
| 400                        | 0.00                   | 0.00               | 400                        | 0                 | 0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                 |
| 1486                       | 21.73                  | 48.99              | 1461                       | 134               | 154               | 2.00                           | 2.00                          | 0.00                         | 48.99          |                 |
| 5045                       | 21.73                  | 48.99              | 4767                       | 998               | 1148              | 0.00                           | 0.00                          | 0.00                         | 0.00           |                 |
| 6024                       | 90.32                  | 133.00             | 5335                       | 728               | 1770              | 9.00                           | 7.01                          | 8.58                         | 84.32          | 731H heel rev 3 |
| 15,473                     | 90.32                  | 133.00             | 5283                       | -5716             | 8681              | 0.00                           | 0.00                          | 0.00                         | 0.00           | 731H toe rev 3  |



## Lonestar Consulting, LLC

## Planning Report



|                  |                    |                                     |                                          |
|------------------|--------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | Grand Junction     | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Company:</b>  | DJR Operating      | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Project:</b>  | Betonne Tsoie Unit | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site:</b>     | I10 2308 Pad       | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | # 731H             | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | Original drilling  |                                     |                                          |
| <b>Design:</b>   | APD Rev 3          |                                     |                                          |

| Planned Survey      |                 |             |                     |           |           |                       |                         |                        |                       |
|---------------------|-----------------|-------------|---------------------|-----------|-----------|-----------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0                   | 0.00            | 0.00        | 0                   | 0         | 0         | 0                     | 0.00                    | 0.00                   | 0.00                  |
| 100                 | 0.00            | 0.00        | 100                 | 0         | 0         | 0                     | 0.00                    | 0.00                   | 0.00                  |
| 200                 | 0.00            | 0.00        | 200                 | 0         | 0         | 0                     | 0.00                    | 0.00                   | 0.00                  |
| 300                 | 0.00            | 0.00        | 300                 | 0         | 0         | 0                     | 0.00                    | 0.00                   | 0.00                  |
| 400                 | 0.00            | 0.00        | 400                 | 0         | 0         | 0                     | 0.00                    | 0.00                   | 0.00                  |
| 500                 | 2.00            | 48.99       | 500                 | 1         | 1         | 0                     | 2.00                    | 2.00                   | 0.00                  |
| 600                 | 4.00            | 48.99       | 600                 | 5         | 5         | 2                     | 2.00                    | 2.00                   | 0.00                  |
| 700                 | 6.00            | 48.99       | 699                 | 10        | 12        | 4                     | 2.00                    | 2.00                   | 0.00                  |
| 800                 | 8.00            | 48.99       | 799                 | 18        | 21        | 8                     | 2.00                    | 2.00                   | 0.00                  |
| 900                 | 10.00           | 48.99       | 897                 | 29        | 33        | 12                    | 2.00                    | 2.00                   | 0.00                  |
| 1000                | 12.00           | 48.99       | 996                 | 41        | 47        | 17                    | 2.00                    | 2.00                   | 0.00                  |
| 1100                | 14.00           | 48.99       | 1093                | 56        | 64        | 23                    | 2.00                    | 2.00                   | 0.00                  |
| 1200                | 16.00           | 48.99       | 1190                | 73        | 84        | 30                    | 2.00                    | 2.00                   | 0.00                  |
| 1300                | 18.00           | 48.99       | 1285                | 92        | 106       | 38                    | 2.00                    | 2.00                   | 0.00                  |
| 1400                | 20.00           | 48.99       | 1380                | 113       | 130       | 47                    | 2.00                    | 2.00                   | 0.00                  |
| 1486                | 21.73           | 48.99       | 1461                | 134       | 154       | 55                    | 2.00                    | 2.00                   | 0.00                  |
| 1500                | 21.73           | 48.99       | 1473                | 137       | 157       | 56                    | 0.00                    | 0.00                   | 0.00                  |
| 1600                | 21.73           | 48.99       | 1566                | 161       | 185       | 66                    | 0.00                    | 0.00                   | 0.00                  |
| 1700                | 21.73           | 48.99       | 1659                | 185       | 213       | 76                    | 0.00                    | 0.00                   | 0.00                  |
| 1800                | 21.73           | 48.99       | 1752                | 210       | 241       | 86                    | 0.00                    | 0.00                   | 0.00                  |
| 1900                | 21.73           | 48.99       | 1845                | 234       | 269       | 96                    | 0.00                    | 0.00                   | 0.00                  |
| 2000                | 21.73           | 48.99       | 1938                | 258       | 297       | 106                   | 0.00                    | 0.00                   | 0.00                  |
| 2100                | 21.73           | 48.99       | 2031                | 283       | 325       | 116                   | 0.00                    | 0.00                   | 0.00                  |
| 2200                | 21.73           | 48.99       | 2123                | 307       | 353       | 126                   | 0.00                    | 0.00                   | 0.00                  |
| 2300                | 21.73           | 48.99       | 2216                | 331       | 381       | 136                   | 0.00                    | 0.00                   | 0.00                  |
| 2400                | 21.73           | 48.99       | 2309                | 356       | 409       | 146                   | 0.00                    | 0.00                   | 0.00                  |
| 2500                | 21.73           | 48.99       | 2402                | 380       | 437       | 156                   | 0.00                    | 0.00                   | 0.00                  |
| 2600                | 21.73           | 48.99       | 2495                | 404       | 465       | 166                   | 0.00                    | 0.00                   | 0.00                  |
| 2700                | 21.73           | 48.99       | 2588                | 428       | 493       | 176                   | 0.00                    | 0.00                   | 0.00                  |
| 2800                | 21.73           | 48.99       | 2681                | 453       | 521       | 186                   | 0.00                    | 0.00                   | 0.00                  |
| 2900                | 21.73           | 48.99       | 2774                | 477       | 548       | 196                   | 0.00                    | 0.00                   | 0.00                  |
| 3000                | 21.73           | 48.99       | 2867                | 501       | 576       | 206                   | 0.00                    | 0.00                   | 0.00                  |
| 3100                | 21.73           | 48.99       | 2959                | 526       | 604       | 216                   | 0.00                    | 0.00                   | 0.00                  |
| 3200                | 21.73           | 48.99       | 3052                | 550       | 632       | 226                   | 0.00                    | 0.00                   | 0.00                  |
| 3300                | 21.73           | 48.99       | 3145                | 574       | 660       | 236                   | 0.00                    | 0.00                   | 0.00                  |
| 3400                | 21.73           | 48.99       | 3238                | 599       | 688       | 246                   | 0.00                    | 0.00                   | 0.00                  |
| 3500                | 21.73           | 48.99       | 3331                | 623       | 716       | 256                   | 0.00                    | 0.00                   | 0.00                  |
| 3600                | 21.73           | 48.99       | 3424                | 647       | 744       | 266                   | 0.00                    | 0.00                   | 0.00                  |
| 3700                | 21.73           | 48.99       | 3517                | 671       | 772       | 276                   | 0.00                    | 0.00                   | 0.00                  |
| 3800                | 21.73           | 48.99       | 3610                | 696       | 800       | 285                   | 0.00                    | 0.00                   | 0.00                  |
| 3900                | 21.73           | 48.99       | 3703                | 720       | 828       | 295                   | 0.00                    | 0.00                   | 0.00                  |
| 4000                | 21.73           | 48.99       | 3796                | 744       | 856       | 305                   | 0.00                    | 0.00                   | 0.00                  |
| 4100                | 21.73           | 48.99       | 3888                | 769       | 884       | 315                   | 0.00                    | 0.00                   | 0.00                  |
| 4200                | 21.73           | 48.99       | 3981                | 793       | 912       | 325                   | 0.00                    | 0.00                   | 0.00                  |
| 4300                | 21.73           | 48.99       | 4074                | 817       | 940       | 335                   | 0.00                    | 0.00                   | 0.00                  |
| 4400                | 21.73           | 48.99       | 4167                | 841       | 968       | 345                   | 0.00                    | 0.00                   | 0.00                  |
| 4500                | 21.73           | 48.99       | 4260                | 866       | 995       | 355                   | 0.00                    | 0.00                   | 0.00                  |
| 4600                | 21.73           | 48.99       | 4353                | 890       | 1023      | 365                   | 0.00                    | 0.00                   | 0.00                  |
| 4700                | 21.73           | 48.99       | 4446                | 914       | 1051      | 375                   | 0.00                    | 0.00                   | 0.00                  |
| 4800                | 21.73           | 48.99       | 4539                | 939       | 1079      | 385                   | 0.00                    | 0.00                   | 0.00                  |
| 4900                | 21.73           | 48.99       | 4632                | 963       | 1107      | 395                   | 0.00                    | 0.00                   | 0.00                  |
| 5000                | 21.73           | 48.99       | 4724                | 987       | 1135      | 405                   | 0.00                    | 0.00                   | 0.00                  |
| 5045                | 21.73           | 48.99       | 4767                | 998       | 1148      | 410                   | 0.00                    | 0.00                   | 0.00                  |
| 5100                | 22.73           | 61.77       | 4817                | 1010      | 1165      | 417                   | 9.00                    | 1.82                   | 23.35                 |



## Lonestar Consulting, LLC

## Planning Report



|                  |                      |                                     |                                          |
|------------------|----------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | Grand Junction       | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Company:</b>  | DJR Operating        | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Project:</b>  | Betonnies Tsois Unit | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site:</b>     | I10 2308 Pad         | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | # 731H               | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | Original drilling    |                                     |                                          |
| <b>Design:</b>   | APD Rev 3            |                                     |                                          |

| Planned Survey      |                 |             |                     |            |            |                       |                         |                        |                       |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5200                | 26.77           | 81.11       | 4908                | 1023       | 1204       | 443                   | 9.00                    | 4.05                   | 19.34                 |
| 5300                | 32.73           | 94.80       | 4995                | 1024       | 1253       | 484                   | 9.00                    | 5.95                   | 13.69                 |
| 5400                | 39.73           | 104.40      | 5076                | 1014       | 1311       | 538                   | 9.00                    | 7.01                   | 9.60                  |
| 5500                | 47.33           | 111.44      | 5148                | 992        | 1377       | 604                   | 9.00                    | 7.59                   | 7.04                  |
| 5600                | 55.25           | 116.92      | 5211                | 960        | 1448       | 681                   | 9.00                    | 7.93                   | 5.47                  |
| 5700                | 63.38           | 121.42      | 5262                | 918        | 1523       | 767                   | 9.00                    | 8.13                   | 4.50                  |
| 5800                | 71.63           | 125.31      | 5300                | 867        | 1600       | 859                   | 9.00                    | 8.25                   | 3.89                  |
| 5900                | 79.96           | 128.85      | 5325                | 809        | 1677       | 956                   | 9.00                    | 8.32                   | 3.54                  |
| 6000                | 88.31           | 132.20      | 5335                | 744        | 1752       | 1054                  | 9.00                    | 8.36                   | 3.36                  |
| 6024                | 90.32           | 133.00      | 5335                | 728        | 1770       | 1078                  | 9.00                    | 8.37                   | 3.32                  |
| 6100                | 90.32           | 133.00      | 5335                | 676        | 1826       | 1153                  | 0.00                    | 0.00                   | 0.00                  |
| 6200                | 90.32           | 133.00      | 5334                | 608        | 1899       | 1252                  | 0.00                    | 0.00                   | 0.00                  |
| 6300                | 90.32           | 133.00      | 5333                | 540        | 1972       | 1350                  | 0.00                    | 0.00                   | 0.00                  |
| 6400                | 90.32           | 133.00      | 5333                | 472        | 2045       | 1449                  | 0.00                    | 0.00                   | 0.00                  |
| 6500                | 90.32           | 133.00      | 5332                | 403        | 2118       | 1547                  | 0.00                    | 0.00                   | 0.00                  |
| 6600                | 90.32           | 133.00      | 5332                | 335        | 2191       | 1646                  | 0.00                    | 0.00                   | 0.00                  |
| 6700                | 90.32           | 133.00      | 5331                | 267        | 2264       | 1744                  | 0.00                    | 0.00                   | 0.00                  |
| 6800                | 90.32           | 133.00      | 5331                | 199        | 2338       | 1843                  | 0.00                    | 0.00                   | 0.00                  |
| 6900                | 90.32           | 133.00      | 5330                | 131        | 2411       | 1942                  | 0.00                    | 0.00                   | 0.00                  |
| 7000                | 90.32           | 133.00      | 5330                | 62         | 2484       | 2040                  | 0.00                    | 0.00                   | 0.00                  |
| 7100                | 90.32           | 133.00      | 5329                | -6         | 2557       | 2139                  | 0.00                    | 0.00                   | 0.00                  |
| 7200                | 90.32           | 133.00      | 5329                | -74        | 2630       | 2237                  | 0.00                    | 0.00                   | 0.00                  |
| 7300                | 90.32           | 133.00      | 5328                | -142       | 2703       | 2336                  | 0.00                    | 0.00                   | 0.00                  |
| 7400                | 90.32           | 133.00      | 5327                | -210       | 2776       | 2435                  | 0.00                    | 0.00                   | 0.00                  |
| 7500                | 90.32           | 133.00      | 5327                | -279       | 2850       | 2533                  | 0.00                    | 0.00                   | 0.00                  |
| 7600                | 90.32           | 133.00      | 5326                | -347       | 2923       | 2632                  | 0.00                    | 0.00                   | 0.00                  |
| 7700                | 90.32           | 133.00      | 5326                | -415       | 2996       | 2730                  | 0.00                    | 0.00                   | 0.00                  |
| 7800                | 90.32           | 133.00      | 5325                | -483       | 3069       | 2829                  | 0.00                    | 0.00                   | 0.00                  |
| 7900                | 90.32           | 133.00      | 5325                | -551       | 3142       | 2928                  | 0.00                    | 0.00                   | 0.00                  |
| 8000                | 90.32           | 133.00      | 5324                | -620       | 3215       | 3026                  | 0.00                    | 0.00                   | 0.00                  |
| 8100                | 90.32           | 133.00      | 5324                | -688       | 3288       | 3125                  | 0.00                    | 0.00                   | 0.00                  |
| 8200                | 90.32           | 133.00      | 5323                | -756       | 3362       | 3223                  | 0.00                    | 0.00                   | 0.00                  |
| 8300                | 90.32           | 133.00      | 5322                | -824       | 3435       | 3322                  | 0.00                    | 0.00                   | 0.00                  |
| 8400                | 90.32           | 133.00      | 5322                | -892       | 3508       | 3420                  | 0.00                    | 0.00                   | 0.00                  |
| 8500                | 90.32           | 133.00      | 5321                | -961       | 3581       | 3519                  | 0.00                    | 0.00                   | 0.00                  |
| 8600                | 90.32           | 133.00      | 5321                | -1029      | 3654       | 3618                  | 0.00                    | 0.00                   | 0.00                  |
| 8700                | 90.32           | 133.00      | 5320                | -1097      | 3727       | 3716                  | 0.00                    | 0.00                   | 0.00                  |
| 8800                | 90.32           | 133.00      | 5320                | -1165      | 3800       | 3815                  | 0.00                    | 0.00                   | 0.00                  |
| 8900                | 90.32           | 133.00      | 5319                | -1233      | 3873       | 3913                  | 0.00                    | 0.00                   | 0.00                  |
| 9000                | 90.32           | 133.00      | 5319                | -1302      | 3947       | 4012                  | 0.00                    | 0.00                   | 0.00                  |
| 9100                | 90.32           | 133.00      | 5318                | -1370      | 4020       | 4111                  | 0.00                    | 0.00                   | 0.00                  |
| 9200                | 90.32           | 133.00      | 5318                | -1438      | 4093       | 4209                  | 0.00                    | 0.00                   | 0.00                  |
| 9300                | 90.32           | 133.00      | 5317                | -1506      | 4166       | 4308                  | 0.00                    | 0.00                   | 0.00                  |
| 9400                | 90.32           | 133.00      | 5316                | -1574      | 4239       | 4406                  | 0.00                    | 0.00                   | 0.00                  |
| 9500                | 90.32           | 133.00      | 5316                | -1643      | 4312       | 4505                  | 0.00                    | 0.00                   | 0.00                  |
| 9600                | 90.32           | 133.00      | 5315                | -1711      | 4385       | 4604                  | 0.00                    | 0.00                   | 0.00                  |
| 9700                | 90.32           | 133.00      | 5315                | -1779      | 4459       | 4702                  | 0.00                    | 0.00                   | 0.00                  |
| 9800                | 90.32           | 133.00      | 5314                | -1847      | 4532       | 4801                  | 0.00                    | 0.00                   | 0.00                  |
| 9900                | 90.32           | 133.00      | 5314                | -1915      | 4605       | 4899                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000              | 90.32           | 133.00      | 5313                | -1984      | 4678       | 4998                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100              | 90.32           | 133.00      | 5313                | -2052      | 4751       | 5096                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200              | 90.32           | 133.00      | 5312                | -2120      | 4824       | 5195                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300              | 90.32           | 133.00      | 5311                | -2188      | 4897       | 5294                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400              | 90.32           | 133.00      | 5311                | -2256      | 4971       | 5392                  | 0.00                    | 0.00                   | 0.00                  |



**Lonestar Consulting, LLC**  
Planning Report



|                  |                    |                                     |                                          |
|------------------|--------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | Grand Junction     | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Company:</b>  | DJR Operating      | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Project:</b>  | Betonne Tsoie Unit | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site:</b>     | I10 2308 Pad       | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | # 731H             | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | Original drilling  |                                     |                                          |
| <b>Design:</b>   | APD Rev 3          |                                     |                                          |

| Planned Survey      |                 |             |                     |            |            |                       |                         |                        |                       |  |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 10,500              | 90.32           | 133.00      | 5310                | -2324      | 5044       | 5491                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,600              | 90.32           | 133.00      | 5310                | -2393      | 5117       | 5589                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,700              | 90.32           | 133.00      | 5309                | -2461      | 5190       | 5688                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,800              | 90.32           | 133.00      | 5309                | -2529      | 5263       | 5787                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,900              | 90.32           | 133.00      | 5308                | -2597      | 5336       | 5885                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,000              | 90.32           | 133.00      | 5308                | -2665      | 5409       | 5984                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,100              | 90.32           | 133.00      | 5307                | -2734      | 5483       | 6082                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,200              | 90.32           | 133.00      | 5307                | -2802      | 5556       | 6181                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,300              | 90.32           | 133.00      | 5306                | -2870      | 5629       | 6280                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,400              | 90.32           | 133.00      | 5305                | -2938      | 5702       | 6378                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,500              | 90.32           | 133.00      | 5305                | -3006      | 5775       | 6477                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,600              | 90.32           | 133.00      | 5304                | -3075      | 5848       | 6575                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,700              | 90.32           | 133.00      | 5304                | -3143      | 5921       | 6674                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,800              | 90.32           | 133.00      | 5303                | -3211      | 5994       | 6772                  | 0.00                    | 0.00                   | 0.00                  |  |
| 11,900              | 90.32           | 133.00      | 5303                | -3279      | 6068       | 6871                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,000              | 90.32           | 133.00      | 5302                | -3347      | 6141       | 6970                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,100              | 90.32           | 133.00      | 5302                | -3416      | 6214       | 7068                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,200              | 90.32           | 133.00      | 5301                | -3484      | 6287       | 7167                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,300              | 90.32           | 133.00      | 5300                | -3552      | 6360       | 7265                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,400              | 90.32           | 133.00      | 5300                | -3620      | 6433       | 7364                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,500              | 90.32           | 133.00      | 5299                | -3688      | 6506       | 7463                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,600              | 90.32           | 133.00      | 5299                | -3757      | 6580       | 7561                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,700              | 90.32           | 133.00      | 5298                | -3825      | 6653       | 7660                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,800              | 90.32           | 133.00      | 5298                | -3893      | 6726       | 7758                  | 0.00                    | 0.00                   | 0.00                  |  |
| 12,900              | 90.32           | 133.00      | 5297                | -3961      | 6799       | 7857                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,000              | 90.32           | 133.00      | 5297                | -4029      | 6872       | 7956                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,100              | 90.32           | 133.00      | 5296                | -4098      | 6945       | 8054                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,200              | 90.32           | 133.00      | 5296                | -4166      | 7018       | 8153                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,300              | 90.32           | 133.00      | 5295                | -4234      | 7092       | 8251                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,400              | 90.32           | 133.00      | 5294                | -4302      | 7165       | 8350                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,500              | 90.32           | 133.00      | 5294                | -4370      | 7238       | 8448                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600              | 90.32           | 133.00      | 5293                | -4439      | 7311       | 8547                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700              | 90.32           | 133.00      | 5293                | -4507      | 7384       | 8646                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800              | 90.32           | 133.00      | 5292                | -4575      | 7457       | 8744                  | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900              | 90.32           | 133.00      | 5292                | -4643      | 7530       | 8843                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000              | 90.32           | 133.00      | 5291                | -4711      | 7604       | 8941                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100              | 90.32           | 133.00      | 5291                | -4780      | 7677       | 9040                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200              | 90.32           | 133.00      | 5290                | -4848      | 7750       | 9139                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300              | 90.32           | 133.00      | 5289                | -4916      | 7823       | 9237                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400              | 90.32           | 133.00      | 5289                | -4984      | 7896       | 9336                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500              | 90.32           | 133.00      | 5288                | -5052      | 7969       | 9434                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600              | 90.32           | 133.00      | 5288                | -5120      | 8042       | 9533                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700              | 90.32           | 133.00      | 5287                | -5189      | 8115       | 9632                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800              | 90.32           | 133.00      | 5287                | -5257      | 8189       | 9730                  | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900              | 90.32           | 133.00      | 5286                | -5325      | 8262       | 9829                  | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000              | 90.32           | 133.00      | 5286                | -5393      | 8335       | 9927                  | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100              | 90.32           | 133.00      | 5285                | -5461      | 8408       | 10,026                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200              | 90.32           | 133.00      | 5285                | -5530      | 8481       | 10,124                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300              | 90.32           | 133.00      | 5284                | -5598      | 8554       | 10,223                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400              | 90.32           | 133.00      | 5283                | -5666      | 8627       | 10,322                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,473              | 90.32           | 133.00      | 5283                | -5716      | 8681       | 10,394                | 0.00                    | 0.00                   | 0.00                  |  |



|                  |                    |                                     |                                          |
|------------------|--------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | Grand Junction     | <b>Local Co-ordinate Reference:</b> | Well # 731H - Slot 2                     |
| <b>Company:</b>  | DJR Operating      | <b>TVD Reference:</b>               | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Project:</b>  | Betonne Tsoie Unit | <b>MD Reference:</b>                | GL 6933' & RKB 25' @ 6958ft (Aztec 1000) |
| <b>Site:</b>     | I10 2308 Pad       | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | # 731H             | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | Original drilling  |                                     |                                          |
| <b>Design:</b>   | APD Rev 3          |                                     |                                          |

| Design Targets            |           |          |      |       |       |              |              |            |              |
|---------------------------|-----------|----------|------|-------|-------|--------------|--------------|------------|--------------|
| Target Name               |           |          |      |       |       |              |              |            |              |
| - hit/miss target         | Dip Angle | Dip Dir. | TVD  | +N/-S | +E/-W | Northing     | Easting      | Latitude   | Longitude    |
| - Shape                   | (°)       | (°)      | (ft) | (ft)  | (ft)  | (usft)       | (usft)       |            |              |
| 731H toe rev 3            | 0.00      | 0.00     | 5283 | -5716 | 8681  | 1,901,415.30 | 2,782,388.26 | 36.2254281 | -107.6322895 |
| - plan hits target center |           |          |      |       |       |              |              |            |              |
| - Circle (radius 100)     |           |          |      |       |       |              |              |            |              |
| 731H heel rev 3           | 0.00      | 0.00     | 5335 | 728   | 1770  | 1,907,847.02 | 2,775,465.88 | 36.2431337 | -107.6557196 |
| - plan hits target center |           |          |      |       |       |              |              |            |              |
| - Circle (radius 50)      |           |          |      |       |       |              |              |            |              |

| Casing Points |                |                |              |                 |               |
|---------------|----------------|----------------|--------------|-----------------|---------------|
|               | Measured Depth | Vertical Depth |              | Casing Diameter | Hole Diameter |
|               | (ft)           | (ft)           | Name         | (in)            | (in)          |
|               | 385            | 385            | Surface      | 9.63            | 12.25         |
|               | 5960           | 5332           | Intermediate | 7.00            | 8.75          |

| Formations |                |                |                |           |               |
|------------|----------------|----------------|----------------|-----------|---------------|
|            | Measured Depth | Vertical Depth |                |           |               |
|            | (ft)           | (ft)           | Name           | Lithology | Dip Direction |
|            |                |                |                |           | (°)           |
|            | 1072           | 1066           | Ojo Alamo      |           | 0.00          |
|            | 1178           | 1168           | Kirtland       |           | 0.00          |
|            | 1357           | 1339           | Fruitland      |           | 0.00          |
|            | 1713           | 1671           | Picture Cliffs |           | 0.00          |
|            | 1945           | 1887           | Lewis          |           | 0.00          |
|            | 2541           | 2440           | Chacra         |           | 0.00          |
|            | 3382           | 3221           | Menefee        |           | 0.00          |
|            | 4303           | 4077           | Point Lookout  |           | 0.00          |
|            | 4503           | 4263           | Mancos         |           | 0.00          |
|            | 4826           | 4563           | Mancos Silt    |           | 0.00          |
|            | 5373           | 5055           | Gallup A       |           | 0.00          |
|            | 5429           | 5098           | Gallup B       |           | 0.00          |
|            | 5565           | 5190           | Gallup C       |           | 0.00          |

| Plan Annotations |                |                |                   |       |              |
|------------------|----------------|----------------|-------------------|-------|--------------|
|                  | Measured Depth | Vertical Depth | Local Coordinates |       |              |
|                  | (ft)           | (ft)           | +N/-S             | +E/-W | Comment      |
|                  |                |                | (ft)              | (ft)  |              |
|                  | 4778           | 4518           | 933               | 1073  | KOP          |
|                  | 5644           | 5235           | 943               | 1480  | Top of liner |

**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 28235

COMMENTS

|                                                                       |                                                          |
|-----------------------------------------------------------------------|----------------------------------------------------------|
| Operator:<br><br>DJR OPERATING, LLC<br>1 Road 3263<br>Aztec, NM 87410 | OGRID:<br><br>371838                                     |
|                                                                       | Action Number:<br><br>28235                              |
|                                                                       | Action Type:<br><br>[C-103] NOI Change of Plans (C-103A) |

COMMENTS

| Created By | Comment                 | Comment Date |
|------------|-------------------------|--------------|
| kpickford  | KP GEO Review 5/17/2021 | 5/17/2021    |

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

CONDITIONS  
  
Action 28235

CONDITIONS

|                                                                   |                                                      |
|-------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>DJR OPERATING, LLC<br>1 Road 3263<br>Aztec, NM 87410 | OGRID:<br>371838                                     |
|                                                                   | Action Number:<br>28235                              |
|                                                                   | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

|            |                                                 |                |
|------------|-------------------------------------------------|----------------|
| Created By | Condition                                       | Condition Date |
| kpickford  | Adhere to previous NMOCD Conditions of Approval | 5/17/2021      |