

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or recomplete an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMLC063798

6. Lessee, Applicant, or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

DEVON ENERGY PRODUCTION CO LP

Contact: DAVID H COOK  
Email: david.cook@devn.com

## 3a. Address

333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102

## 3b. Phone No. (include area code)

Ph: 405-552-7848

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 23 T24S R33E SWSW 200FSL 710FWL

## 8. Well Name and No.

BLUE KRAIT 23 FED 5H

## 9. API Well No.

30-025-43012-00-X1

## 10. Field and Pool, or Exploratory

RED HILLS

## 11. County or Parish, and State

LEA COUNTY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                           |                                                    |                                           |
|------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Change to Original A                      |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | PD                                        |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Co., L.P. respectfully requests approval to change the bottom hole location from 330 FNL & 1284 FWL, Unit D, Section 23, T24S, R33E to 330 FNL & 1284 FWL, Unit D, Section 14, T24S, R33E; and change the well name from Blue Krait 23 Fed 5H to Blue Krait 23-14 Fed 5H.

Please see the attached revised C-102, Drill Plan & Directional Survey.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

## 14. I hereby certify that the foregoing is true and correct.

Electronic Submission #343591 verified by the BLM Well Information System

For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs

Committed to AFMSS for processing by PRISCILLA PEREZ on 07/18/2016 (16PP0915SE)

Name (Printed/Typed) DAVID H COOK

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 06/30/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By (BLM Approver Not Specified) Mustafa Haque

Title PETROLEUM ENGINEER

Date 08/05/2016

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## PECOS DISTRICT CONDITIONS OF APPROVAL

|                       |                                       |
|-----------------------|---------------------------------------|
| OPERATOR'S NAME:      | Devon Energy Production Company, L.P. |
| LEASE NO.:            | NMLC063798                            |
| WELL NAME & NO.:      | 5H- Blue Krait 23 Fed                 |
| SURFACE HOLE FOOTAGE: | 200'/S & 710'/W                       |
| BOTTOM HOLE FOOTAGE:  | 330'/N & 1284'/W                      |
| LOCATION:             | Section 23, T. 24 S., R. 33 E., NMPM  |
| COUNTY:               | Lea County, New Mexico                |

### A. CASING

All previous COAs still apply except the following:

Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.).

The initial wellhead installed on the well will remain on the well with spools used as needed.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

#### Wait on cement (WOC) for Water Basin:

After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. DURING THIS WOC TIME, NO DRILL PIPE, ETC. SHALL BE RUN IN THE HOLE.

Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

#### Risks:

Possibility of water flows from the Castile and the Salado.

Possibility of lost circulation from the Rustler, the Red Beds, and the Delaware.

1. The 13-3/8 inch surface casing shall be set at approximately 1400 feet (**a minimum of 25 feet into the Rustler Anhydrite and above the salt**) and cemented to the surface.

**Option 1:**

- a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
- b. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.**
- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
- d. If cement falls back, remedial cementing will be done prior to drilling out that string.

**Option 2:**

**Operator has proposed DV tool at depth of 300 feet, but will adjust cement proportionately if moved. DV tool shall be set a minimum of 50 feet below previous shoe and a minimum of 200 feet above current shoe. Operator shall submit sundry if DV tool depth cannot be set in this range.**

- a. First stage to DV tool:
  - ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.
- b. Second stage above DV tool:
  - ☒ Cement to surface. If cement does not circulate A.1.Option 1.a, c-d above.

2. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:

**Option 1:**

- ☒ Cement to surface. If cement does not circulate see A.1.Option 1.a, c-d above.

## Option 2:

Operator has proposed DV tool at depth of 1450 feet, but will adjust cement proportionately if moved. DV tool shall be set a minimum of 50 feet below previous shoe and a minimum of 200 feet above current shoe. Operator shall submit sundry if DV tool depth cannot be set in this range.

a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

- ☒ Cement to surface. If cement does not circulate see B.1.Option 1.a, c-d above. **Excess calculates to negative 4% - Additional cement will be required.**

3. The minimum required fill of cement behind the 5-1/2 inch production casing is:

- ☒ Cement tie-back appropriate as proposed. Operator shall provide method of verification.

4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

## **B. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API 53. **For H&P rigs – the stump test is not an approved BOP test. Equipment shall be tested when mounted on well head.**
2. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).

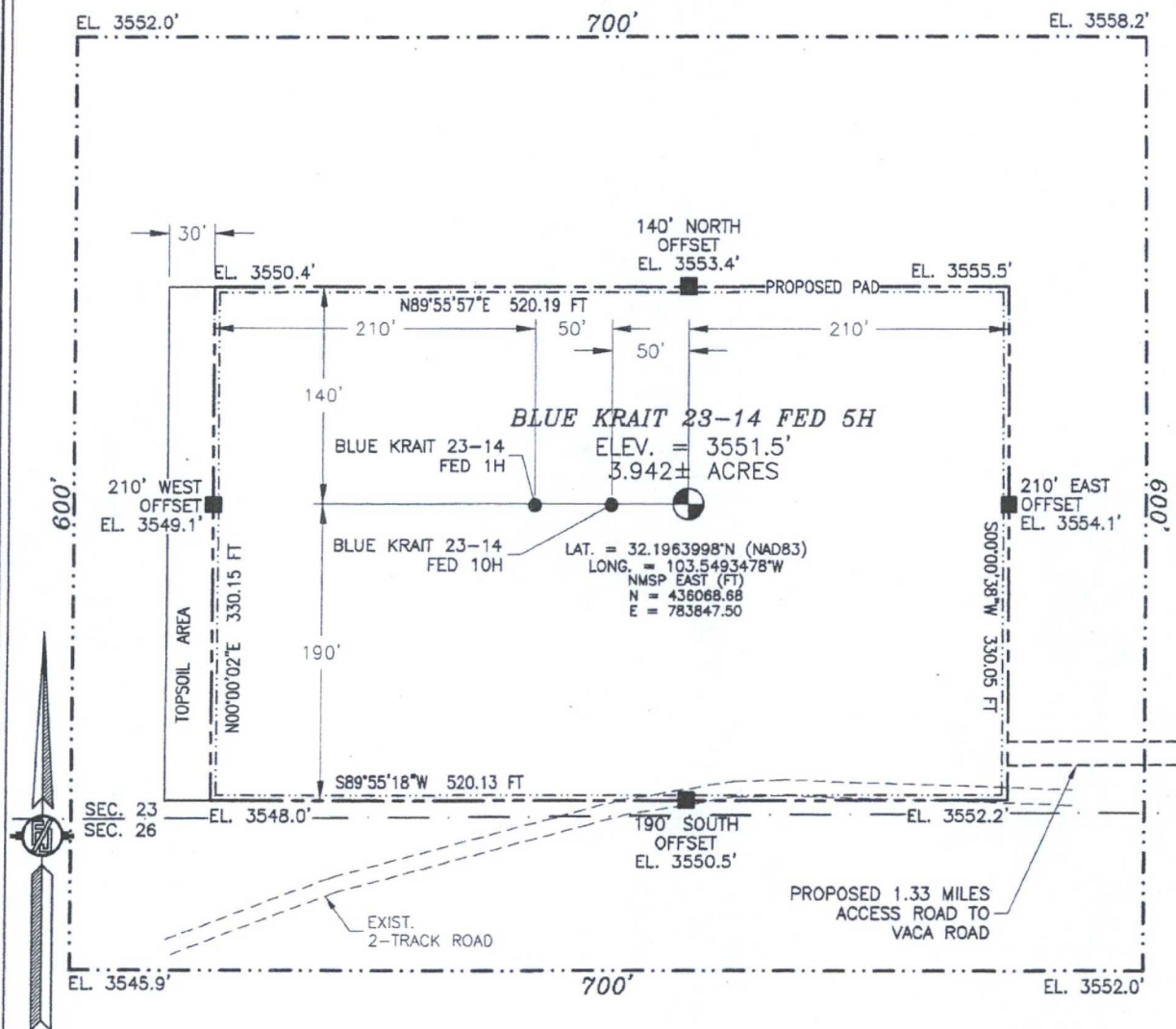
3. **Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.**
  - a. **Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.**
  - b. **If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.**
  - c. **Manufacturer representative shall install the test plug for the initial BOP test.**
  - d. **Operator shall perform the intermediate casing integrity test to 70% of the casing burst. This will test the multi-bowl seals.**
  - e. **If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.**
4. **The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.**
  - a. **In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).**
  - b. **The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer**.**
  - c. **The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.**
  - d. **The results of the test shall be reported to the appropriate BLM office.**

- e. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

**MHH 08052016**

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



0 10 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 AND VACA ROAD GO SOUTHEAST ON VACA ROAD FOR APPROX. 1.1 MILES. GO WEST ON 2-TRACK ROAD FOR APPROX. 1.33 MILES TO SOUTHEAST PAD CORNER.

DEVON ENERGY PRODUCTION COMPANY, L.P.

**BLUE KRAIT 23-14 FED 5H**

LOCATED 200 FT. FROM THE SOUTH LINE

AND 710 FT. FROM THE WEST LINE OF

SECTION 23, TOWNSHIP 24 SOUTH,

RANGE 33 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

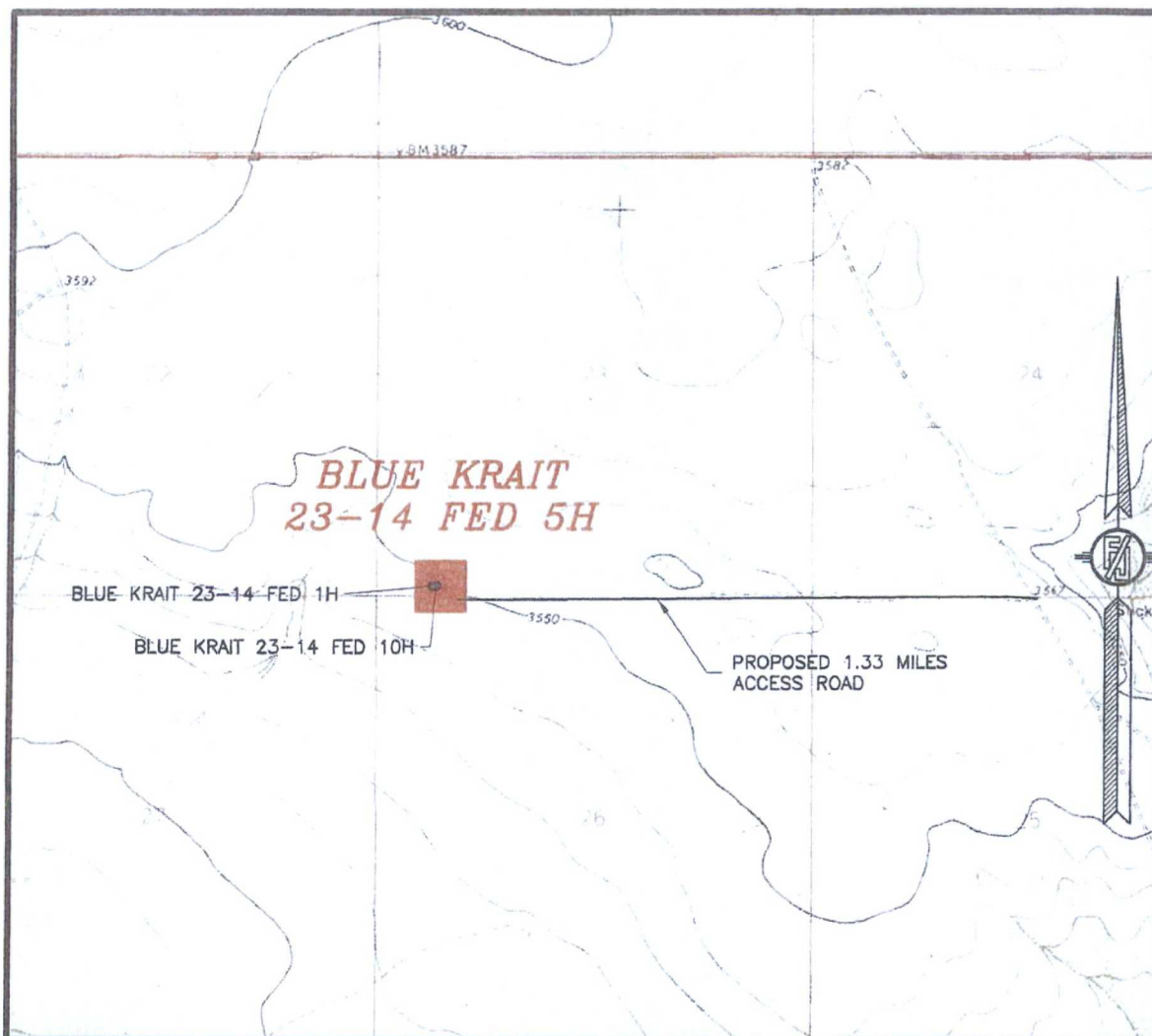
JUNE 15, 2016

SURVEY NO. 3768E

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
BELL LAKE

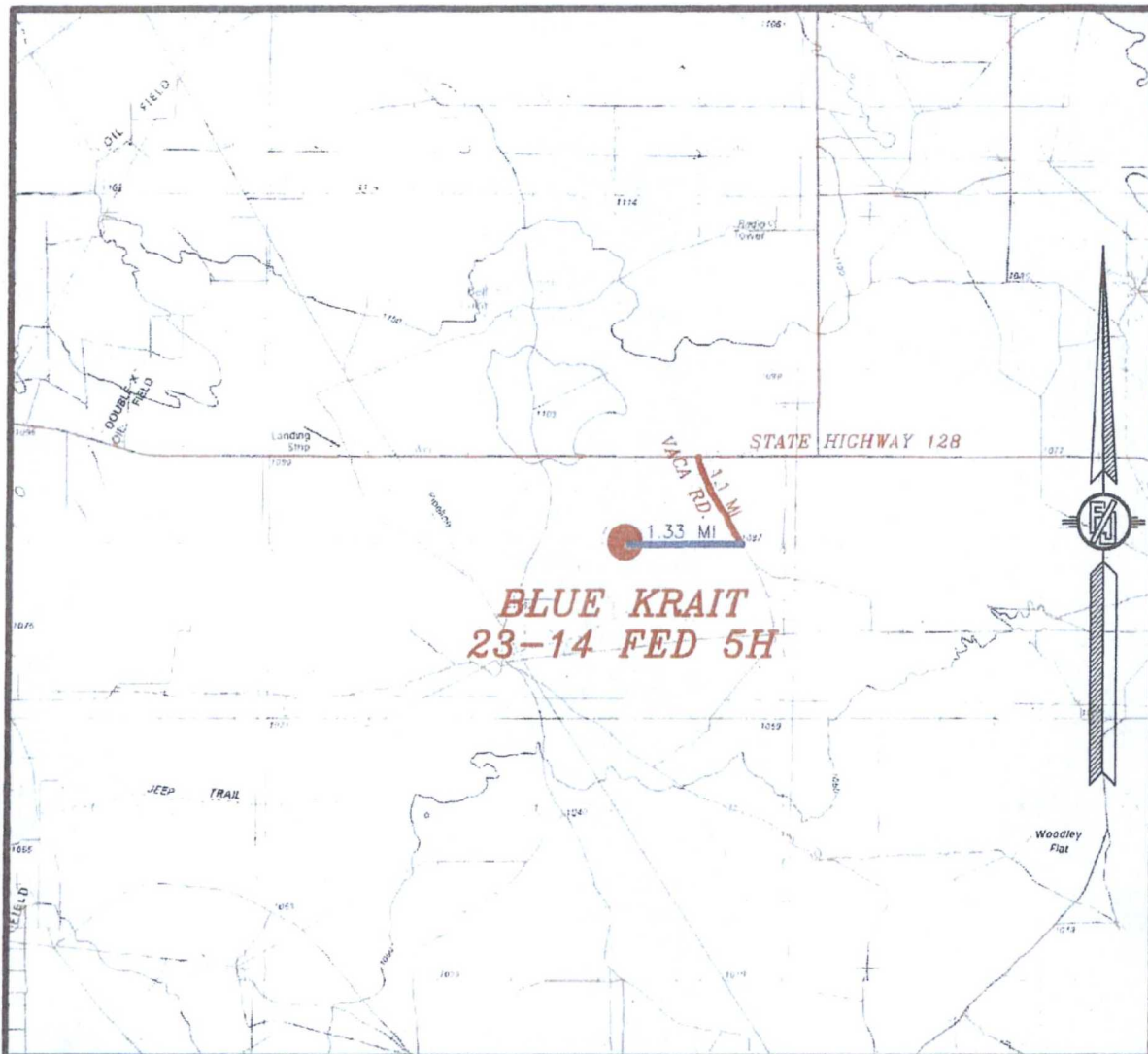
NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.  
**BLUE KRAIT 23-14 FED 5H**  
LOCATED 200 FT. FROM THE SOUTH LINE  
AND 710 FT. FROM THE WEST LINE OF  
SECTION 23, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JUNE 15, 2016

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 3768E

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

**BLUE KRAIT 23-14 FED 5H**

LOCATED 200 FT. FROM THE SOUTH LINE  
AND 710 FT. FROM THE WEST LINE OF

SECTION 23, TOWNSHIP 24 SOUTH,

RANGE 33 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

**DIRECTIONS TO LOCATION**

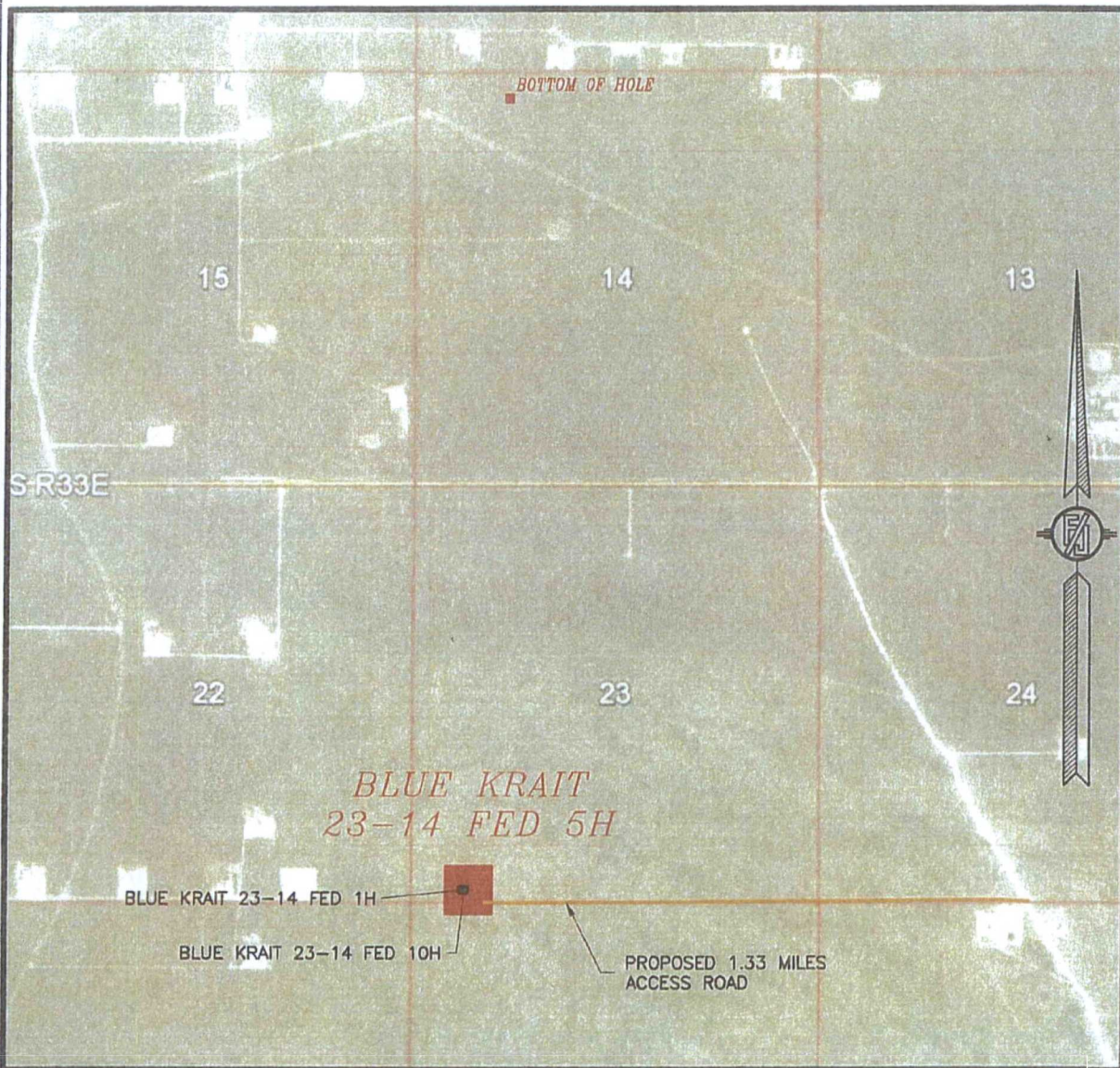
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CORNER.

JUNE 15, 2016

SURVEY NO. 3768E

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
FEBRUARY 2014

DEVON ENERGY PRODUCTION COMPANY, L.P.

**BLUE KRAIT 23-14 FED 5H**

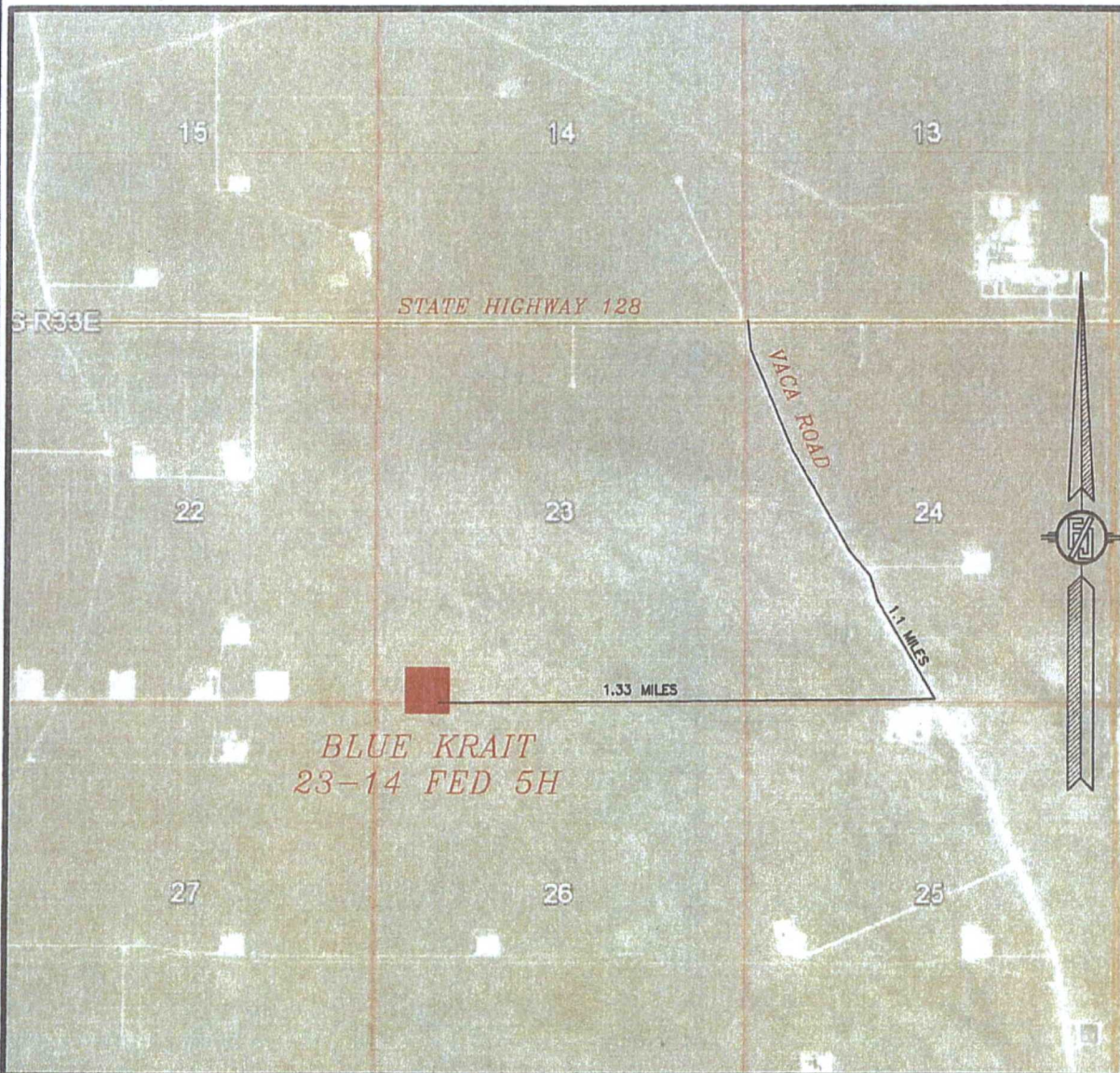
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SECTION 23, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JUNE 15, 2016

SURVEY NO. 3768E

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
FEBRUARY 2014

DEVON ENERGY PRODUCTION COMPANY, L.P.  
**BLUE KRAIT 23-14 FED 5H**  
LOCATED 200 FT. FROM THE SOUTH LINE  
AND 710 FT. FROM THE WEST LINE OF  
SECTION 23, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JUNE 15, 2016

SURVEY NO. 3768E

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

# Devon Energy, Blue Krait 23-14 Fed 5H

## 1. Geologic Formations

|               |         |                               |      |
|---------------|---------|-------------------------------|------|
| TVD of target | 9,459'  | Pilot hole depth              | n/a  |
| MD at TD:     | 19,265' | Deepest expected fresh water: | 100' |

## Basin

| Formation               | Depth (TVD)<br>from KB | Water/Mineral<br>Bearing/ Target Zone? | Hazards* |
|-------------------------|------------------------|----------------------------------------|----------|
| Rustler                 | 1,094                  | Barren                                 |          |
| Top of Salt             | 1,615                  | Barren                                 |          |
| Base of Salt            | 5,041                  | Barren                                 |          |
| Delaware                | 5,264                  | Oil                                    |          |
| Lower Brushy Canyon     | 9,007                  | Oil                                    |          |
| 1st Bone Spring Lime    | 9,195                  | Oil                                    |          |
| Leonard A               | 9,272                  | Oil                                    |          |
| Leonard A Mid Carbonate | 9,352                  | Oil                                    |          |
| Leonard A Target Top    | 9,398                  |                                        |          |
| Leonard A Target Base   | 9,489                  |                                        |          |
| Leonard B               | 9,613                  |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |
|                         |                        |                                        |          |

\*H2S, water flows, loss of circulation, abnormal pressures, etc.

## 2. Casing Program

| Hole Size                 | Casing Interval |         | Csg. Size | Weight (lbs) | Grade  | Conn | SF Collapse | SF Burst | SF Tension         |
|---------------------------|-----------------|---------|-----------|--------------|--------|------|-------------|----------|--------------------|
|                           | From            | To      |           |              |        |      |             |          |                    |
| 17.5"                     | 0               | 1,400'  | 13.375"   | 48           | H-40   | STC  | 1.16        | 2.25     | 2.03               |
| 12.25"                    | 0               | 4,300'  | 9.625"    | 40           | J-55   | BTC  | 1.24        | 1.39     | 2.28               |
| 12.25"                    | 4,300'          | 5,200'  | 9.625"    | 40           | HCK-55 | BTC  | 1.41        | 2.60     | 4.48               |
| 8.75"                     | 0               | 19,265' | 5.5"      | 17           | P-110  | BTC  | 1.59        | 1.25     | 2.29               |
| BLM Minimum Safety Factor |                 |         |           |              |        |      | 1.125       | 1.00     | 1.6 Dry<br>1.8 Wet |

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

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

# Devon Energy, Blue Krait 23-14 Fed 5H

## 3. Cementing Program ~~DSEE~~ COA

| Casing                    | # Sks            | Wt. lb/gal | H <sub>2</sub> O gal/sk | Yld ft <sup>3</sup> /sack | 500# Comp. Strength (hours) | Slurry Description                                                                                                                                                                |
|---------------------------|------------------|------------|-------------------------|---------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13-3/8" Surface           | 730              | 13.5       | 9.07                    | 1.72                      | 12                          | Lead: Class C Cement + 4% Bentonite Gel + 0.125 lbs/sack Poly-E-Flake                                                                                                             |
|                           | 550              | 14.8       | 6.32                    | 1.33                      | 6                           | Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake                                                                                                                                |
| 13-3/8" Surface Two Stage | 490              | 13.5       | 9.07                    | 1.72                      | 12                          | 1 <sup>st</sup> Stage Lead: Class C Cement + 4% Bentonite Gel + 0.125 lbs/sack Poly-E-Flake                                                                                       |
|                           | 550              | 14.8       | 6.32                    | 1.33                      | 6                           | 1 <sup>st</sup> Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake                                                                                                          |
|                           | DV Tool = 300ft  |            |                         |                           |                             |                                                                                                                                                                                   |
|                           | 320              | 14.8       | 6.32                    | 1.33                      | 6                           | 2 <sup>nd</sup> Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake                                                                                                          |
| 9-5/8" Inter.             | 1090             | 12.9       | 9.81                    | 1.85                      | 14                          | Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake                                                            |
|                           | 430              | 14.8       | 6.32                    | 1.33                      | 6                           | Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake                                                                                                                                |
| 9-5/8" Surface Two Stage  | 970              | 12.9       | 9.81                    | 1.85                      | 14                          | 1 <sup>st</sup> Stage Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake                                      |
|                           | 220              | 14.8       | 6.32                    | 1.33                      | 6                           | 1 <sup>st</sup> Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake                                                                                                          |
|                           | DV Tool = 1450ft |            |                         |                           |                             |                                                                                                                                                                                   |
|                           | <u>180</u>       | 12.9       | 9.81                    | <u>1.85</u>               | 14                          | 2 <sup>nd</sup> Stage Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake                                      |
|                           | <u>140</u>       | 14.8       | 6.32                    | <u>1.33</u>               | 6                           | 2 <sup>nd</sup> Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake                                                                                                          |
| 5-1/2" Prod               | 370              | 10.9       | 20.6                    | 3.31                      | 24                          | Lead: (50:40:10) Class C: Silicalite: Enhancer 923 + 10% BWOC Bentonite + 0.05% BWOC SA-1015 + 0.3% BWOC HR-800 + 0.2% BWOC FE-2 + 0.125 lb/sk Pol-E-Flake + 0.5 lb/sk D-Air 5000 |
|                           | 2730             | 14.5       | 5.31                    | 1.2                       | 25                          | Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite                                                        |

If a DV tool is run, DV tool usage and depth(s) will be determined based on hole conditions and cement volumes will be adjusted proportionally. If a DV tool is used, it will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

| Casing String                          | TOC                                                        | % Excess |
|----------------------------------------|------------------------------------------------------------|----------|
| 13-3/8" Surface                        | 0'                                                         | 100%     |
| 13-3/8" Surface – Two Stage Option     | 1 <sup>st</sup> Stage = 300' / 2 <sup>nd</sup> Stage = 0'  | 100%     |
| 9-5/8" Intermediate                    | 0'                                                         | 75%      |
| 9-5/8" Intermediate – Two Stage Option | 1 <sup>st</sup> Stage = 1450' / 2 <sup>nd</sup> Stage = 0' | 75%      |
| 5-1/2" Production Casing               | 5000'                                                      | 25%      |

low cement on 1st stage. SEE COA

4. Pressure Control Equipment ~~—DSEE~~ COA

|   |                                                                                                      |
|---|------------------------------------------------------------------------------------------------------|
| N | A variance is requested for the use of a diverter on the surface casing. See attached for schematic. |
|---|------------------------------------------------------------------------------------------------------|

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       | ✓ | Tested to:              |
|------------------------------------------------------|---------|------------------|------------|---|-------------------------|
| 12-1/4"                                              | 13-5/8" | 3M               | Annular    | x | 50% of working pressure |
|                                                      |         |                  | Blind Ram  |   | 3M                      |
|                                                      |         |                  | Pipe Ram   |   |                         |
|                                                      |         |                  | Double Ram | x |                         |
|                                                      |         |                  | Other*     |   |                         |
| 8-3/4"                                               | 13-5/8" | 3M               | Annular    | x | 50% testing pressure    |
|                                                      |         |                  | Blind Ram  |   | 3M                      |
|                                                      |         |                  | Pipe Ram   |   |                         |
|                                                      |         |                  | Double Ram | x |                         |
|                                                      |         |                  | Other*     |   |                         |
|                                                      |         |                  |            |   |                         |
|                                                      |         |                  |            |   |                         |
|                                                      |         |                  |            |   |                         |
|                                                      |         |                  |            |   |                         |
|                                                      |         |                  |            |   |                         |

\*Specify if additional ram is utilized.

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

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

|   |                                                                                                                                                                                                                                                                                                            |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y | Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. |
| Y | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                            |

SEE  
COA

**Devon Energy, Blue Krait 23-14 Fed 5H**

|   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | Y | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Y |   | <p>A multibowl wellhead may be used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.</p> <p>Devon proposes the option of using a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.</p> <ul style="list-style-type: none"> <li>• Wellhead will be installed by vendor's representatives.</li> <li>• If the welding is performed by a third party, the vendor's representative will monitor the temperature to verify that it does not exceed the maximum temperature of the seal.</li> <li>• Vendor representative will install the test plug for the initial BOP test.</li> <li>• Vendor will install a solid steel body pack-off to completely isolate the lower head after cementing intermediate casing. After installation of the pack-off, the pack-off and the lower flange will be tested to 3M, as shown on the attached schematic. Everything above the pack-off will not have been altered whatsoever from the initial nipple up. Therefore the BOP components will not be retested at that time.</li> <li>• If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head will be cut and top out operations will be conducted.</li> <li>• Devon will pressure test all seals above and below the mandrel (but still above the casing) to full working pressure rating.</li> <li>• Devon will test the casing to 0.22 psi/ft or 1500 psi, whichever is greater, as per Onshore Order #2.</li> </ul> <p>After running the 13-3/8" surface casing, a 13-5/8" BOP/BOPE system with a minimum rating of 3M will be installed on the wellhead system and will undergo a 250 psi low pressure test followed by a 3,000 psi high pressure test. The 3,000 psi high and 250 psi low test will cover testing requirements a maximum of 30 days, as per Onshore Order #2. If the well is not complete within 30 days of this BOP test, another full BOP test will be conducted, as per Onshore Order #2.</p> <p>After running the 9-5/8" intermediate casing with a mandrel hanger, the 13-5/8" BOP/BOPE system with a minimum rating of 3M will already be installed on the wellhead.</p> <p>The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.</p> <p>Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line). The line will be kept as straight as possible with minimal turns.</p> |

SEE  
COA

**Devon Energy, Blue Krait 23-14 Fed 5H**

|  |                         |
|--|-------------------------|
|  | See attached schematic. |
|--|-------------------------|

**5. Mud Program**

| Depth  |         | Type            | Weight (ppg) | Viscosity | Water Loss |
|--------|---------|-----------------|--------------|-----------|------------|
| From   | To      |                 |              |           |            |
| 0      | 1,400'  | FW Gel          | 8.6-8.8      | 28-34     | N/C        |
| 1,400' | 5,200'  | Saturated Brine | 10.0-10.2    | 28-34     | N/C        |
| 5,200' | 19,265' | Cut Brine       | 8.5-9.3      | 28-34     | N/C        |

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

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

**6. Logging and Testing Procedures**

| Logging, Coring and Testing. |                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| x                            | Will run GR/CNL from TD to KOP (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM. |
|                              | No Logs are planned based on well control or offset log information.                                                                                    |
|                              | Drill stem test? If yes, explain                                                                                                                        |
|                              | Coring? If yes, explain                                                                                                                                 |

| Additional logs planned | Interval    |
|-------------------------|-------------|
|                         | Resistivity |
|                         | Density     |
|                         | CBL         |
| X                       | Mud log     |
|                         | PEX         |

## 7. Drilling Conditions

| Condition                  | Specify what type and where? |
|----------------------------|------------------------------|
| BH Pressure at deepest TVD | 4574 psi                     |
| Abnormal Temperature       | No                           |

Mitigation measure for abnormal conditions: Lost circulation material/sweeps/mud scavengers.

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

|   |                                |
|---|--------------------------------|
| N | H <sub>2</sub> S is present    |
| Y | H <sub>2</sub> S Plan attached |

## 8. Other facets of operation

Is this a walking operation? Yes.

Will be pre-setting casing? No.

Attachments

☒ Directional Plan

☐ Other, describe

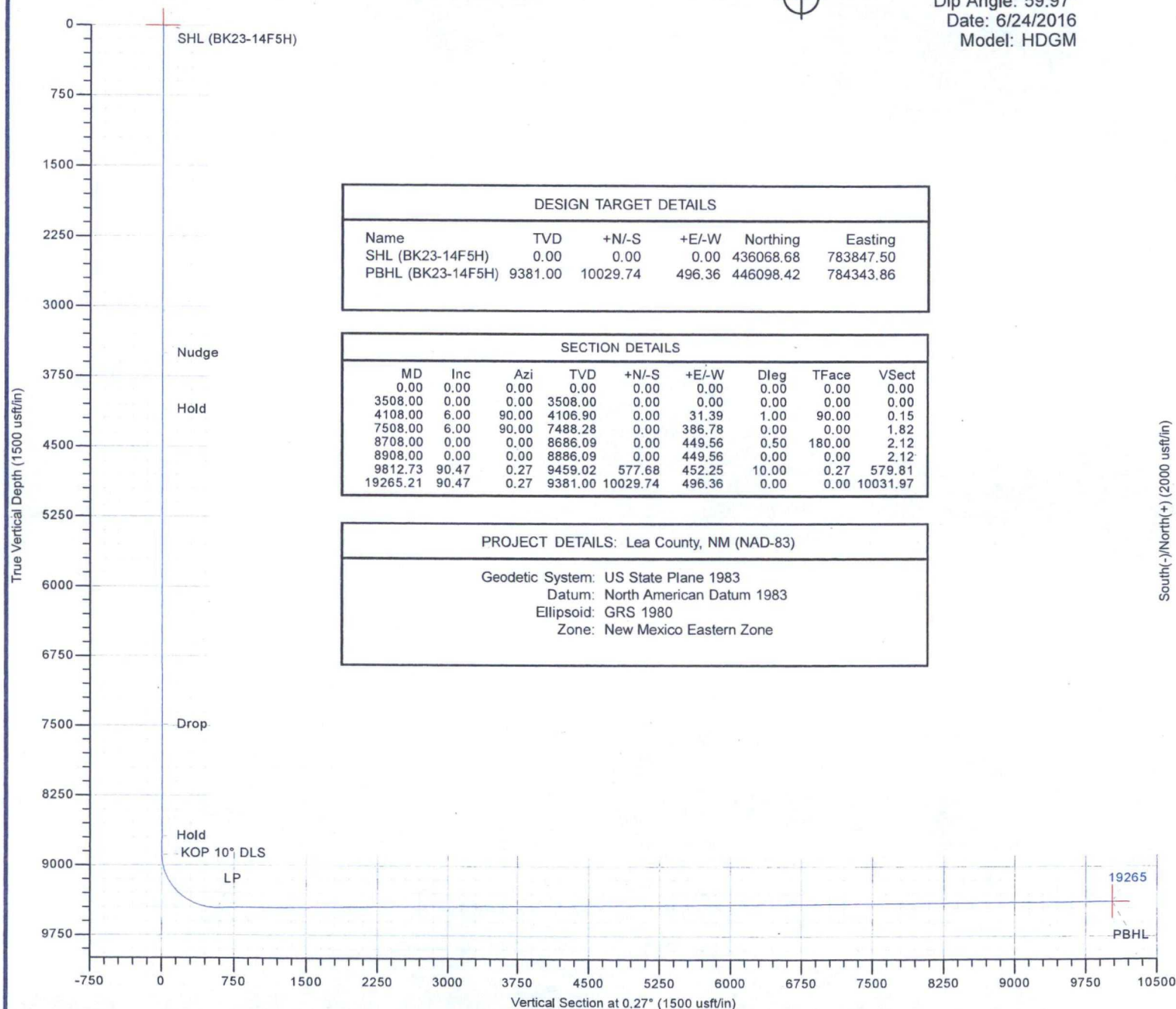


Project: Lea County, NM (NAD-83)  
 Site: Blue Krait 23-14 Fed  
 Well: 5H  
 Wellbore: OH  
 Design: Plan #1



Azimuths to Grid North  
 True North:  $-0.42^{\circ}$   
 Magnetic North:  $6.51^{\circ}$

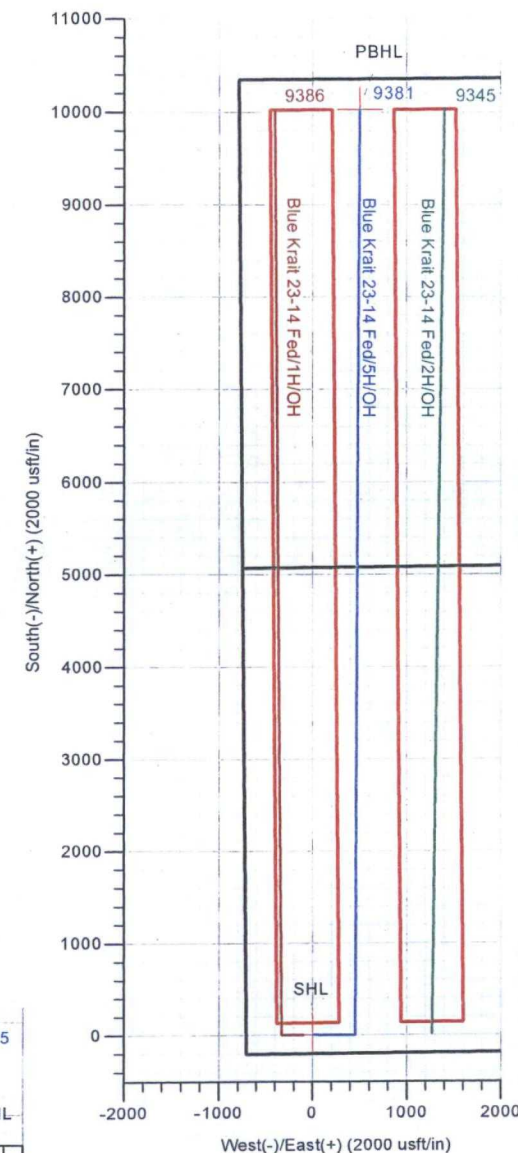
Magnetic Field  
 Strength: 48203.5snT  
 Dip Angle:  $59.97^{\circ}$   
 Date: 6/24/2016  
 Model: HDGM



| DESIGN TARGET DETAILS |         |          |        |           |           |
|-----------------------|---------|----------|--------|-----------|-----------|
| Name                  | TVD     | +N/-S    | +E/-W  | Northing  | Easting   |
| SHL (BK23-14F5H)      | 0.00    | 0.00     | 0.00   | 436068.68 | 783847.50 |
| PBHL (BK23-14F5H)     | 9381.00 | 10029.74 | 496.36 | 446098.42 | 784343.86 |

| SECTION DETAILS |       |       |         |          |        |       |        |          |
|-----------------|-------|-------|---------|----------|--------|-------|--------|----------|
| MD              | Inc   | Azi   | TVD     | +N/-S    | +E/-W  | Dleg  | TFace  | VSect    |
| 0.00            | 0.00  | 0.00  | 0.00    | 0.00     | 0.00   | 0.00  | 0.00   | 0.00     |
| 3508.00         | 0.00  | 0.00  | 3508.00 | 0.00     | 0.00   | 0.00  | 0.00   | 0.00     |
| 4108.00         | 6.00  | 90.00 | 4106.90 | 0.00     | 31.39  | 1.00  | 90.00  | 0.15     |
| 7508.00         | 6.00  | 90.00 | 7488.28 | 0.00     | 386.78 | 0.00  | 0.00   | 1.82     |
| 8708.00         | 0.00  | 0.00  | 8686.09 | 0.00     | 449.56 | 0.50  | 180.00 | 2.12     |
| 8908.00         | 0.00  | 0.00  | 8886.09 | 0.00     | 449.56 | 0.00  | 0.00   | 2.12     |
| 9812.73         | 90.47 | 0.27  | 9459.02 | 577.68   | 452.25 | 10.00 | 0.27   | 579.81   |
| 19265.21        | 90.47 | 0.27  | 9381.00 | 10029.74 | 496.36 | 0.00  | 0.00   | 10031.97 |

| PROJECT DETAILS: Lea County, NM (NAD-83) |                           |
|------------------------------------------|---------------------------|
| Geodetic System:                         | US State Plane 1983       |
| Datum:                                   | North American Datum 1983 |
| Ellipsoid:                               | GRS 1980                  |
| Zone:                                    | New Mexico Eastern Zone   |



# **DEVON ENERGY**

Lea County, NM (NAD-83)

Blue Krait 23-14 Fed

5H

OH

Plan: Plan #1

## **Standard Planning Report**

27 June, 2016

# LEAM Drilling Systems LLC

## Planning Report

|           |                           |                              |                                   |
|-----------|---------------------------|------------------------------|-----------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well 5H                           |
| Company:  | DEVON ENERGY              | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Project:  | Lea County, NM (NAD-83)   | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site:     | Blue Krait 23-14 Fed      | North Reference:             | Grid                              |
| Well:     | 5H                        | Survey Calculation Method:   | Minimum Curvature                 |
| Wellbore: | OH                        |                              |                                   |
| Design:   | Plan #1                   |                              |                                   |

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

|                       |                      |                   |                   |
|-----------------------|----------------------|-------------------|-------------------|
| Site                  | Blue Krait 23-14 Fed |                   |                   |
| Site Position:        |                      | Northing:         | 436,068.01 usft   |
| From:                 | Map                  | Easting:          | 783,747.53 usft   |
| Position Uncertainty: | 0.00 usft            | Slot Radius:      | 13-3/16"          |
|                       |                      | Latitude:         | 32° 11' 47.040 N  |
|                       |                      | Longitude:        | 103° 32' 58.815 W |
|                       |                      | Grid Convergence: | 0.42 °            |

|                      |           |                     |                   |
|----------------------|-----------|---------------------|-------------------|
| Well                 | 5H        |                     |                   |
| Well Position        | +N-S      | 0.67 usft           | Northing:         |
|                      | +E-W      | 99.97 usft          | Easting:          |
| Position Uncertainty | 0.00 usft | Wellhead Elevation: | 3,576.50 usft     |
|                      |           | Latitude:           | 32° 11' 47.039 N  |
|                      |           | Longitude:          | 103° 32' 57.652 W |
|                      |           | Ground Level:       | 3,551.50 usft     |

|           |            |             |                |
|-----------|------------|-------------|----------------|
| Wellbore  | OH         |             |                |
| Magnetics | Model Name | Sample Date | Declination    |
|           |            |             | (°)            |
|           | HDGM       | 6/24/2016   | 6.93           |
|           |            |             | Dip Angle      |
|           |            |             | (°)            |
|           |            |             | 59.97          |
|           |            |             | Field Strength |
|           |            |             | (nT)           |
|           |            |             | 48,204         |

|                   |                  |        |               |
|-------------------|------------------|--------|---------------|
| Design            | Plan #1          |        |               |
| Audit Notes:      |                  |        |               |
| Version:          | Phase:           | PLAN   | Tie On Depth: |
|                   |                  |        | 0.00          |
| Vertical Section: | Depth From (TVD) | +N-S   | +E-W          |
|                   | (usft)           | (usft) | (usft)        |
|                   | 0.00             | 0.00   | 0.00          |
|                   |                  |        | Direction     |
|                   |                  |        | (°)           |
|                   |                  |        | 0.27          |

| Plan Sections         |                 |             |                       |             |             |                         |                        |                       |         |                   |
|-----------------------|-----------------|-------------|-----------------------|-------------|-------------|-------------------------|------------------------|-----------------------|---------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N-S (usft) | +E-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target            |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00        | 0.00        | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 3,508.00              | 0.00            | 0.00        | 3,508.00              | 0.00        | 0.00        | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 4,108.00              | 6.00            | 90.00       | 4,106.90              | 0.00        | 31.39       | 1.00                    | 1.00                   | 0.00                  | 90.00   |                   |
| 7,508.00              | 6.00            | 90.00       | 7,488.28              | 0.00        | 386.78      | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 8,708.00              | 0.00            | 0.00        | 8,686.09              | 0.00        | 449.56      | 0.50                    | -0.50                  | 0.00                  | 180.00  |                   |
| 8,908.00              | 0.00            | 0.00        | 8,886.09              | 0.00        | 449.56      | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 9,812.73              | 90.47           | 0.27        | 9,459.02              | 577.68      | 452.25      | 10.00                   | 10.00                  | 0.03                  | 0.27    |                   |
| 19,265.21             | 90.47           | 0.27        | 9,381.00              | 10,029.74   | 496.36      | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL (BK23-14F5H) |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
 Company: DEVON ENERGY  
 Project: Lea County, NM (NAD-83)  
 Site: Blue Krait 23-14 Fed  
 Well: 5H  
 Wellbore: OH  
 Design: Plan #1

Local Co-ordinate Reference: Well 5H  
 TVD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
 MD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

| Planned Survey          |                 |             |                       |              |              |                         |                         |                        |                       |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)   | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.00                    | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>SHL (BK23-14F5H)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 100.00                  | 0.00            | 0.00        | 100.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 200.00                  | 0.00            | 0.00        | 200.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 300.00                  | 0.00            | 0.00        | 300.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 400.00                  | 0.00            | 0.00        | 400.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 500.00                  | 0.00            | 0.00        | 500.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 600.00                  | 0.00            | 0.00        | 600.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 700.00                  | 0.00            | 0.00        | 700.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 800.00                  | 0.00            | 0.00        | 800.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 900.00                  | 0.00            | 0.00        | 900.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,000.00                | 0.00            | 0.00        | 1,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,094.50                | 0.00            | 0.00        | 1,094.50              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Rustler</b>          |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,100.00                | 0.00            | 0.00        | 1,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,200.00                | 0.00            | 0.00        | 1,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,300.00                | 0.00            | 0.00        | 1,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,400.00                | 0.00            | 0.00        | 1,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,500.00                | 0.00            | 0.00        | 1,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,600.00                | 0.00            | 0.00        | 1,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,615.50                | 0.00            | 0.00        | 1,615.50              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Top of Salt</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,700.00                | 0.00            | 0.00        | 1,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,800.00                | 0.00            | 0.00        | 1,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,900.00                | 0.00            | 0.00        | 1,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,000.00                | 0.00            | 0.00        | 2,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,100.00                | 0.00            | 0.00        | 2,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,200.00                | 0.00            | 0.00        | 2,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,300.00                | 0.00            | 0.00        | 2,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,400.00                | 0.00            | 0.00        | 2,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00                | 0.00            | 0.00        | 2,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00                | 0.00            | 0.00        | 2,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00                | 0.00            | 0.00        | 2,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,800.00                | 0.00            | 0.00        | 2,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00                | 0.00            | 0.00        | 2,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00                | 0.00            | 0.00        | 3,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                | 0.00            | 0.00        | 3,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                | 0.00            | 0.00        | 3,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                | 0.00            | 0.00        | 3,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                | 0.00            | 0.00        | 3,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 3,508.00                | 0.00            | 0.00        | 3,508.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Nudge</b>            |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,600.00                | 0.92            | 90.00       | 3,600.00              | 0.00         | 0.74         | 0.00                    | 1.00                    | 1.00                   | 0.00                  |
| 3,700.00                | 1.92            | 90.00       | 3,699.96              | 0.00         | 3.22         | 0.02                    | 1.00                    | 1.00                   | 0.00                  |
| 3,800.00                | 2.92            | 90.00       | 3,799.87              | 0.00         | 7.44         | 0.04                    | 1.00                    | 1.00                   | 0.00                  |
| 3,900.00                | 3.92            | 90.00       | 3,899.69              | 0.00         | 13.40        | 0.06                    | 1.00                    | 1.00                   | 0.00                  |
| 4,000.00                | 4.92            | 90.00       | 3,999.40              | 0.00         | 21.11        | 0.10                    | 1.00                    | 1.00                   | 0.00                  |
| 4,108.00                | 6.00            | 90.00       | 4,106.90              | 0.00         | 31.39        | 0.15                    | 1.00                    | 1.00                   | 0.00                  |
| <b>Hold</b>             |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,200.00                | 6.00            | 90.00       | 4,198.40              | 0.00         | 41.00        | 0.19                    | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                | 6.00            | 90.00       | 4,297.85              | 0.00         | 51.46        | 0.24                    | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                | 6.00            | 90.00       | 4,397.30              | 0.00         | 61.91        | 0.29                    | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                | 6.00            | 90.00       | 4,496.76              | 0.00         | 72.36        | 0.34                    | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                | 6.00            | 90.00       | 4,596.21              | 0.00         | 82.82        | 0.39                    | 0.00                    | 0.00                   | 0.00                  |

# LEAM Drilling Systems LLC

## Planning Report

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Well: 5H  
Wellbore: OH  
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Local Co-ordinate Reference: Well 5H  
TVD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
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North Reference: Grid  
Survey Calculation Method: Minimum Curvature

### Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 4,700.00              | 6.00            | 90.00       | 4,695.66              | 0.00         | 93.27        | 0.44                    | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00              | 6.00            | 90.00       | 4,795.11              | 0.00         | 103.72       | 0.49                    | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00              | 6.00            | 90.00       | 4,894.57              | 0.00         | 114.17       | 0.54                    | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00              | 6.00            | 90.00       | 4,994.02              | 0.00         | 124.63       | 0.59                    | 0.00                    | 0.00                   | 0.00                  |
| 5,047.74              | 6.00            | 90.00       | 5,041.50              | 0.00         | 129.62       | 0.61                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Base of Salt</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,100.00              | 6.00            | 90.00       | 5,093.47              | 0.00         | 135.08       | 0.64                    | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00              | 6.00            | 90.00       | 5,192.92              | 0.00         | 145.53       | 0.69                    | 0.00                    | 0.00                   | 0.00                  |
| 5,271.97              | 6.00            | 90.00       | 5,264.50              | 0.00         | 153.06       | 0.72                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Delaware</b>       |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,300.00              | 6.00            | 90.00       | 5,292.37              | 0.00         | 155.99       | 0.74                    | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00              | 6.00            | 90.00       | 5,391.83              | 0.00         | 166.44       | 0.78                    | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00              | 6.00            | 90.00       | 5,491.28              | 0.00         | 176.89       | 0.83                    | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00              | 6.00            | 90.00       | 5,590.73              | 0.00         | 187.34       | 0.88                    | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00              | 6.00            | 90.00       | 5,690.18              | 0.00         | 197.80       | 0.93                    | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00              | 6.00            | 90.00       | 5,789.64              | 0.00         | 208.25       | 0.98                    | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00              | 6.00            | 90.00       | 5,889.09              | 0.00         | 218.70       | 1.03                    | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00              | 6.00            | 90.00       | 5,988.54              | 0.00         | 229.16       | 1.08                    | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00              | 6.00            | 90.00       | 6,087.99              | 0.00         | 239.61       | 1.13                    | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00              | 6.00            | 90.00       | 6,187.44              | 0.00         | 250.06       | 1.18                    | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00              | 6.00            | 90.00       | 6,286.90              | 0.00         | 260.51       | 1.23                    | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00              | 6.00            | 90.00       | 6,386.35              | 0.00         | 270.97       | 1.28                    | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00              | 6.00            | 90.00       | 6,485.80              | 0.00         | 281.42       | 1.33                    | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00              | 6.00            | 90.00       | 6,585.25              | 0.00         | 291.87       | 1.38                    | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00              | 6.00            | 90.00       | 6,684.70              | 0.00         | 302.33       | 1.42                    | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00              | 6.00            | 90.00       | 6,784.16              | 0.00         | 312.78       | 1.47                    | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00              | 6.00            | 90.00       | 6,883.61              | 0.00         | 323.23       | 1.52                    | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00              | 6.00            | 90.00       | 6,983.06              | 0.00         | 333.68       | 1.57                    | 0.00                    | 0.00                   | 0.00                  |
| 7,100.00              | 6.00            | 90.00       | 7,082.51              | 0.00         | 344.14       | 1.62                    | 0.00                    | 0.00                   | 0.00                  |
| 7,200.00              | 6.00            | 90.00       | 7,181.97              | 0.00         | 354.59       | 1.67                    | 0.00                    | 0.00                   | 0.00                  |
| 7,300.00              | 6.00            | 90.00       | 7,281.42              | 0.00         | 365.04       | 1.72                    | 0.00                    | 0.00                   | 0.00                  |
| 7,400.00              | 6.00            | 90.00       | 7,380.87              | 0.00         | 375.49       | 1.77                    | 0.00                    | 0.00                   | 0.00                  |
| 7,508.00              | 6.00            | 90.00       | 7,488.28              | 0.00         | 386.78       | 1.82                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Drop</b>           |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,600.00              | 5.54            | 90.00       | 7,579.81              | 0.00         | 396.03       | 1.87                    | 0.50                    | -0.50                  | 0.00                  |
| 7,700.00              | 5.04            | 90.00       | 7,679.39              | 0.00         | 405.25       | 1.91                    | 0.50                    | -0.50                  | 0.00                  |
| 7,800.00              | 4.54            | 90.00       | 7,779.04              | 0.00         | 413.60       | 1.95                    | 0.50                    | -0.50                  | 0.00                  |
| 7,900.00              | 4.04            | 90.00       | 7,878.76              | 0.00         | 421.08       | 1.98                    | 0.50                    | -0.50                  | 0.00                  |
| 8,000.00              | 3.54            | 90.00       | 7,978.54              | 0.00         | 427.69       | 2.02                    | 0.50                    | -0.50                  | 0.00                  |
| 8,100.00              | 3.04            | 90.00       | 8,078.37              | 0.00         | 433.43       | 2.04                    | 0.50                    | -0.50                  | 0.00                  |
| 8,200.00              | 2.54            | 90.00       | 8,178.25              | 0.00         | 438.30       | 2.07                    | 0.50                    | -0.50                  | 0.00                  |
| 8,300.00              | 2.04            | 90.00       | 8,278.17              | 0.00         | 442.30       | 2.08                    | 0.50                    | -0.50                  | 0.00                  |
| 8,400.00              | 1.54            | 90.00       | 8,378.12              | 0.00         | 445.42       | 2.10                    | 0.50                    | -0.50                  | 0.00                  |
| 8,500.00              | 1.04            | 90.00       | 8,478.10              | 0.00         | 447.67       | 2.11                    | 0.50                    | -0.50                  | 0.00                  |
| 8,600.00              | 0.54            | 90.00       | 8,578.09              | 0.00         | 449.05       | 2.12                    | 0.50                    | -0.50                  | 0.00                  |
| 8,708.00              | 0.00            | 0.00        | 8,686.09              | 0.00         | 449.56       | 2.12                    | 0.50                    | -0.50                  | 0.00                  |
| <b>Hold</b>           |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,800.00              | 0.00            | 0.00        | 8,778.09              | 0.00         | 449.56       | 2.12                    | 0.00                    | 0.00                   | 0.00                  |
| 8,908.00              | 0.00            | 0.00        | 8,886.09              | 0.00         | 449.56       | 2.12                    | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP 10° DLS</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,950.00              | 4.20            | 0.27        | 8,928.05              | 1.54         | 449.57       | 3.66                    | 10.00                   | 10.00                  | 0.00                  |
| 9,000.00              | 9.20            | 0.27        | 8,977.69              | 7.37         | 449.59       | 9.49                    | 10.00                   | 10.00                  | 0.00                  |
| 9,030.34              | 12.23           | 0.27        | 9,007.50              | 13.01        | 449.62       | 15.13                   | 10.00                   | 10.00                  | 0.00                  |

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Survey Calculation Method: Minimum Curvature

| Planned Survey                 |                 |             |                       |              |              |                         |                         |                        |                       |
|--------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| <b>Lower Brushy Canyon</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,050.00                       | 14.20           | 0.27        | 9,026.64              | 17.51        | 449.64       | 19.63                   | 10.00                   | 10.00                  | 0.00                  |
| 9,100.00                       | 19.20           | 0.27        | 9,074.51              | 31.87        | 449.71       | 33.99                   | 10.00                   | 10.00                  | 0.00                  |
| 9,150.00                       | 24.20           | 0.27        | 9,120.96              | 50.35        | 449.79       | 52.47                   | 10.00                   | 10.00                  | 0.00                  |
| 9,200.00                       | 29.20           | 0.27        | 9,165.61              | 72.81        | 449.90       | 74.93                   | 10.00                   | 10.00                  | 0.00                  |
| 9,234.86                       | 32.69           | 0.27        | 9,195.50              | 90.73        | 449.98       | 92.85                   | 10.00                   | 10.00                  | 0.00                  |
| <b>1st BSPG Lime</b>           |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,250.00                       | 34.20           | 0.27        | 9,208.14              | 99.07        | 450.02       | 101.19                  | 10.00                   | 10.00                  | 0.00                  |
| 9,300.00                       | 39.20           | 0.27        | 9,248.21              | 128.95       | 450.16       | 131.07                  | 10.00                   | 10.00                  | 0.00                  |
| 9,332.09                       | 42.41           | 0.27        | 9,272.50              | 149.91       | 450.26       | 152.03                  | 10.00                   | 10.00                  | 0.00                  |
| <b>Leonard A</b>               |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,350.00                       | 44.20           | 0.27        | 9,285.53              | 162.20       | 450.32       | 164.32                  | 10.00                   | 10.00                  | 0.00                  |
| 9,400.00                       | 49.20           | 0.27        | 9,319.81              | 198.57       | 450.49       | 200.69                  | 10.00                   | 10.00                  | 0.00                  |
| 9,450.00                       | 54.20           | 0.27        | 9,350.79              | 237.80       | 450.67       | 239.92                  | 10.00                   | 10.00                  | 0.00                  |
| 9,452.93                       | 54.49           | 0.27        | 9,352.50              | 240.18       | 450.68       | 242.30                  | 10.00                   | 10.00                  | 0.00                  |
| <b>Leonard A Mid Carbonate</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,500.00                       | 59.20           | 0.27        | 9,378.23              | 279.58       | 450.86       | 281.70                  | 10.00                   | 10.00                  | 0.00                  |
| 9,542.23                       | 63.42           | 0.27        | 9,398.50              | 316.61       | 451.04       | 318.73                  | 10.00                   | 10.00                  | 0.00                  |
| <b>Leonard A Target Top</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,550.00                       | 64.20           | 0.27        | 9,401.93              | 323.59       | 451.07       | 325.71                  | 10.00                   | 10.00                  | 0.00                  |
| 9,600.00                       | 69.20           | 0.27        | 9,421.70              | 369.49       | 451.28       | 371.61                  | 10.00                   | 10.00                  | 0.00                  |
| 9,650.00                       | 74.20           | 0.27        | 9,437.40              | 416.95       | 451.50       | 419.07                  | 10.00                   | 10.00                  | 0.00                  |
| 9,700.00                       | 79.20           | 0.27        | 9,448.90              | 465.59       | 451.73       | 467.71                  | 10.00                   | 10.00                  | 0.00                  |
| 9,750.00                       | 84.20           | 0.27        | 9,456.11              | 515.05       | 451.96       | 517.18                  | 10.00                   | 10.00                  | 0.00                  |
| 9,800.00                       | 89.20           | 0.27        | 9,458.99              | 564.95       | 452.19       | 567.08                  | 10.00                   | 10.00                  | 0.00                  |
| 9,812.73                       | 90.47           | 0.27        | 9,459.02              | 577.68       | 452.25       | 579.81                  | 10.00                   | 10.00                  | 0.00                  |
| <b>LP</b>                      |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,900.00                       | 90.47           | 0.27        | 9,458.30              | 664.95       | 452.66       | 667.07                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00                      | 90.47           | 0.27        | 9,457.48              | 764.94       | 453.13       | 767.07                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.00                      | 90.47           | 0.27        | 9,456.65              | 864.94       | 453.59       | 867.07                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00                      | 90.47           | 0.27        | 9,455.83              | 964.93       | 454.06       | 967.06                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.00                      | 90.47           | 0.27        | 9,455.00              | 1,064.93     | 454.53       | 1,067.06                | 0.00                    | 0.00                   | 0.00                  |
| 10,400.00                      | 90.47           | 0.27        | 9,454.18              | 1,164.93     | 454.99       | 1,167.06                | 0.00                    | 0.00                   | 0.00                  |
| 10,500.00                      | 90.47           | 0.27        | 9,453.35              | 1,264.92     | 455.46       | 1,267.05                | 0.00                    | 0.00                   | 0.00                  |
| 10,600.00                      | 90.47           | 0.27        | 9,452.53              | 1,364.92     | 455.93       | 1,367.05                | 0.00                    | 0.00                   | 0.00                  |
| 10,700.00                      | 90.47           | 0.27        | 9,451.70              | 1,464.91     | 456.39       | 1,467.05                | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                      | 90.47           | 0.27        | 9,450.88              | 1,564.91     | 456.86       | 1,567.04                | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                      | 90.47           | 0.27        | 9,450.05              | 1,664.90     | 457.33       | 1,667.04                | 0.00                    | 0.00                   | 0.00                  |
| 11,000.00                      | 90.47           | 0.27        | 9,449.22              | 1,764.90     | 457.79       | 1,767.04                | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                      | 90.47           | 0.27        | 9,448.40              | 1,864.89     | 458.26       | 1,867.03                | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                      | 90.47           | 0.27        | 9,447.57              | 1,964.89     | 458.73       | 1,967.03                | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                      | 90.47           | 0.27        | 9,446.75              | 2,064.88     | 459.19       | 2,067.03                | 0.00                    | 0.00                   | 0.00                  |
| 11,400.00                      | 90.47           | 0.27        | 9,445.92              | 2,164.88     | 459.66       | 2,167.02                | 0.00                    | 0.00                   | 0.00                  |
| 11,500.00                      | 90.47           | 0.27        | 9,445.10              | 2,264.88     | 460.13       | 2,267.02                | 0.00                    | 0.00                   | 0.00                  |
| 11,600.00                      | 90.47           | 0.27        | 9,444.27              | 2,364.87     | 460.59       | 2,367.02                | 0.00                    | 0.00                   | 0.00                  |
| 11,700.00                      | 90.47           | 0.27        | 9,443.45              | 2,464.87     | 461.06       | 2,467.01                | 0.00                    | 0.00                   | 0.00                  |
| 11,800.00                      | 90.47           | 0.27        | 9,442.62              | 2,564.86     | 461.53       | 2,567.01                | 0.00                    | 0.00                   | 0.00                  |
| 11,900.00                      | 90.47           | 0.27        | 9,441.80              | 2,664.86     | 461.99       | 2,667.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,000.00                      | 90.47           | 0.27        | 9,440.97              | 2,764.85     | 462.46       | 2,767.00                | 0.00                    | 0.00                   | 0.00                  |
| 12,100.00                      | 90.47           | 0.27        | 9,440.14              | 2,864.85     | 462.93       | 2,867.00                | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00                      | 90.47           | 0.27        | 9,439.32              | 2,964.84     | 463.39       | 2,966.99                | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00                      | 90.47           | 0.27        | 9,438.49              | 3,064.84     | 463.86       | 3,066.99                | 0.00                    | 0.00                   | 0.00                  |
| 12,400.00                      | 90.47           | 0.27        | 9,437.67              | 3,164.84     | 464.33       | 3,166.99                | 0.00                    | 0.00                   | 0.00                  |

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| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 12,500.00             | 90.47           | 0.27        | 9,436.84              | 3,264.83     | 464.79       | 3,266.98                | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00             | 90.47           | 0.27        | 9,436.02              | 3,364.83     | 465.26       | 3,366.98                | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00             | 90.47           | 0.27        | 9,435.19              | 3,464.82     | 465.73       | 3,466.98                | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00             | 90.47           | 0.27        | 9,434.37              | 3,564.82     | 466.19       | 3,566.97                | 0.00                    | 0.00                   | 0.00                  |
| 12,900.00             | 90.47           | 0.27        | 9,433.54              | 3,664.81     | 466.66       | 3,666.97                | 0.00                    | 0.00                   | 0.00                  |
| 13,000.00             | 90.47           | 0.27        | 9,432.72              | 3,764.81     | 467.13       | 3,766.97                | 0.00                    | 0.00                   | 0.00                  |
| 13,100.00             | 90.47           | 0.27        | 9,431.89              | 3,864.80     | 467.59       | 3,866.96                | 0.00                    | 0.00                   | 0.00                  |
| 13,200.00             | 90.47           | 0.27        | 9,431.06              | 3,964.80     | 468.06       | 3,966.96                | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00             | 90.47           | 0.27        | 9,430.24              | 4,064.79     | 468.53       | 4,066.96                | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00             | 90.47           | 0.27        | 9,429.41              | 4,164.79     | 468.99       | 4,166.95                | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00             | 90.47           | 0.27        | 9,428.59              | 4,264.79     | 469.46       | 4,266.95                | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00             | 90.47           | 0.27        | 9,427.76              | 4,364.78     | 469.93       | 4,366.95                | 0.00                    | 0.00                   | 0.00                  |
| 13,700.00             | 90.47           | 0.27        | 9,426.94              | 4,464.78     | 470.39       | 4,466.94                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00             | 90.47           | 0.27        | 9,426.11              | 4,564.77     | 470.86       | 4,566.94                | 0.00                    | 0.00                   | 0.00                  |
| 13,900.00             | 90.47           | 0.27        | 9,425.29              | 4,664.77     | 471.33       | 4,666.94                | 0.00                    | 0.00                   | 0.00                  |
| 14,000.00             | 90.47           | 0.27        | 9,424.46              | 4,764.76     | 471.79       | 4,766.93                | 0.00                    | 0.00                   | 0.00                  |
| 14,100.00             | 90.47           | 0.27        | 9,423.64              | 4,864.76     | 472.26       | 4,866.93                | 0.00                    | 0.00                   | 0.00                  |
| 14,200.00             | 90.47           | 0.27        | 9,422.81              | 4,964.75     | 472.73       | 4,966.93                | 0.00                    | 0.00                   | 0.00                  |
| 14,300.00             | 90.47           | 0.27        | 9,421.99              | 5,064.75     | 473.19       | 5,066.92                | 0.00                    | 0.00                   | 0.00                  |
| 14,400.00             | 90.47           | 0.27        | 9,421.16              | 5,164.75     | 473.66       | 5,166.92                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00             | 90.47           | 0.27        | 9,420.33              | 5,264.74     | 474.13       | 5,266.92                | 0.00                    | 0.00                   | 0.00                  |
| 14,600.00             | 90.47           | 0.27        | 9,419.51              | 5,364.74     | 474.59       | 5,366.91                | 0.00                    | 0.00                   | 0.00                  |
| 14,700.00             | 90.47           | 0.27        | 9,418.68              | 5,464.73     | 475.06       | 5,466.91                | 0.00                    | 0.00                   | 0.00                  |
| 14,800.00             | 90.47           | 0.27        | 9,417.86              | 5,564.73     | 475.53       | 5,566.91                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00             | 90.47           | 0.27        | 9,417.03              | 5,664.72     | 475.99       | 5,666.90                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00             | 90.47           | 0.27        | 9,416.21              | 5,764.72     | 476.46       | 5,766.90                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00             | 90.47           | 0.27        | 9,415.38              | 5,864.71     | 476.92       | 5,866.90                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00             | 90.47           | 0.27        | 9,414.56              | 5,964.71     | 477.39       | 5,966.89                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00             | 90.47           | 0.27        | 9,413.73              | 6,064.70     | 477.86       | 6,066.89                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00             | 90.47           | 0.27        | 9,412.91              | 6,164.70     | 478.32       | 6,166.89                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00             | 90.47           | 0.27        | 9,412.08              | 6,264.70     | 478.79       | 6,266.88                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00             | 90.47           | 0.27        | 9,411.25              | 6,364.69     | 479.26       | 6,366.88                | 0.00                    | 0.00                   | 0.00                  |
| 15,700.00             | 90.47           | 0.27        | 9,410.43              | 6,464.69     | 479.72       | 6,466.88                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00             | 90.47           | 0.27        | 9,409.60              | 6,564.68     | 480.19       | 6,566.87                | 0.00                    | 0.00                   | 0.00                  |
| 15,900.00             | 90.47           | 0.27        | 9,408.78              | 6,664.68     | 480.66       | 6,666.87                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00             | 90.47           | 0.27        | 9,407.95              | 6,764.67     | 481.12       | 6,766.87                | 0.00                    | 0.00                   | 0.00                  |
| 16,100.00             | 90.47           | 0.27        | 9,407.13              | 6,864.67     | 481.59       | 6,866.86                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00             | 90.47           | 0.27        | 9,406.30              | 6,964.66     | 482.06       | 6,966.86                | 0.00                    | 0.00                   | 0.00                  |
| 16,300.00             | 90.47           | 0.27        | 9,405.48              | 7,064.66     | 482.52       | 7,066.86                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00             | 90.47           | 0.27        | 9,404.65              | 7,164.66     | 482.99       | 7,166.85                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00             | 90.47           | 0.27        | 9,403.83              | 7,264.65     | 483.46       | 7,266.85                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00             | 90.47           | 0.27        | 9,403.00              | 7,364.65     | 483.92       | 7,366.85                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00             | 90.47           | 0.27        | 9,402.17              | 7,464.64     | 484.39       | 7,466.84                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00             | 90.47           | 0.27        | 9,401.35              | 7,564.64     | 484.86       | 7,566.84                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00             | 90.47           | 0.27        | 9,400.52              | 7,664.63     | 485.32       | 7,666.83                | 0.00                    | 0.00                   | 0.00                  |
| 17,000.00             | 90.47           | 0.27        | 9,399.70              | 7,764.63     | 485.79       | 7,766.83                | 0.00                    | 0.00                   | 0.00                  |
| 17,100.00             | 90.47           | 0.27        | 9,398.87              | 7,864.62     | 486.26       | 7,866.83                | 0.00                    | 0.00                   | 0.00                  |
| 17,200.00             | 90.47           | 0.27        | 9,398.05              | 7,964.62     | 486.72       | 7,966.82                | 0.00                    | 0.00                   | 0.00                  |
| 17,300.00             | 90.47           | 0.27        | 9,397.22              | 8,064.62     | 487.19       | 8,066.82                | 0.00                    | 0.00                   | 0.00                  |
| 17,400.00             | 90.47           | 0.27        | 9,396.40              | 8,164.61     | 487.66       | 8,166.82                | 0.00                    | 0.00                   | 0.00                  |
| 17,500.00             | 90.47           | 0.27        | 9,395.57              | 8,264.61     | 488.12       | 8,266.81                | 0.00                    | 0.00                   | 0.00                  |
| 17,600.00             | 90.47           | 0.27        | 9,394.75              | 8,364.60     | 488.59       | 8,366.81                | 0.00                    | 0.00                   | 0.00                  |
| 17,700.00             | 90.47           | 0.27        | 9,393.92              | 8,464.60     | 489.06       | 8,466.81                | 0.00                    | 0.00                   | 0.00                  |
| 17,800.00             | 90.47           | 0.27        | 9,393.09              | 8,564.59     | 489.52       | 8,566.80                | 0.00                    | 0.00                   | 0.00                  |

# LEAM Drilling Systems LLC

## Planning Report

Database: EDM 5000.1 Single User Db  
Company: DEVON ENERGY  
Project: Lea County, NM (NAD-83)  
Site: Blue Krait 23-14 Fed  
Well: 5H  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well 5H  
TVD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
MD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

### Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,900.00             | 90.47           | 0.27        | 9,392.27              | 8,664.59     | 489.99       | 8,666.80                | 0.00                    | 0.00                   | 0.00                  |
| 18,000.00             | 90.47           | 0.27        | 9,391.44              | 8,764.58     | 490.46       | 8,766.80                | 0.00                    | 0.00                   | 0.00                  |
| 18,100.00             | 90.47           | 0.27        | 9,390.62              | 8,864.58     | 490.92       | 8,866.79                | 0.00                    | 0.00                   | 0.00                  |
| 18,200.00             | 90.47           | 0.27        | 9,389.79              | 8,964.57     | 491.39       | 8,966.79                | 0.00                    | 0.00                   | 0.00                  |
| 18,300.00             | 90.47           | 0.27        | 9,388.97              | 9,064.57     | 491.86       | 9,066.79                | 0.00                    | 0.00                   | 0.00                  |
| 18,400.00             | 90.47           | 0.27        | 9,388.14              | 9,164.57     | 492.32       | 9,166.78                | 0.00                    | 0.00                   | 0.00                  |
| 18,500.00             | 90.47           | 0.27        | 9,387.32              | 9,264.56     | 492.79       | 9,266.78                | 0.00                    | 0.00                   | 0.00                  |
| 18,600.00             | 90.47           | 0.27        | 9,386.49              | 9,364.56     | 493.26       | 9,366.78                | 0.00                    | 0.00                   | 0.00                  |
| 18,700.00             | 90.47           | 0.27        | 9,385.67              | 9,464.55     | 493.72       | 9,466.77                | 0.00                    | 0.00                   | 0.00                  |
| 18,800.00             | 90.47           | 0.27        | 9,384.84              | 9,564.55     | 494.19       | 9,566.77                | 0.00                    | 0.00                   | 0.00                  |
| 18,900.00             | 90.47           | 0.27        | 9,384.01              | 9,664.54     | 494.66       | 9,666.77                | 0.00                    | 0.00                   | 0.00                  |
| 19,000.00             | 90.47           | 0.27        | 9,383.19              | 9,764.54     | 495.12       | 9,766.76                | 0.00                    | 0.00                   | 0.00                  |
| 19,100.00             | 90.47           | 0.27        | 9,382.36              | 9,864.53     | 495.59       | 9,866.76                | 0.00                    | 0.00                   | 0.00                  |
| 19,200.00             | 90.47           | 0.27        | 9,381.54              | 9,964.53     | 496.06       | 9,966.76                | 0.00                    | 0.00                   | 0.00                  |
| 19,265.21             | 90.47           | 0.27        | 9,381.00              | 10,029.74    | 496.36       | 10,031.96               | 0.00                    | 0.00                   | 0.00                  |

TD - PBHL (BK23-14F5H)

### Design Targets

| Target Name               | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|
| - hit/miss target         |               |              |            |              |              |                 |                |                  |                   |
| - Shape                   |               |              |            |              |              |                 |                |                  |                   |
| SHL (BK23-14F5H)          | 0.00          | 0.00         | 0.00       | 0.00         | 0.00         | 436,068.68      | 783,847.50     | 32° 11' 47.039 N | 103° 32' 57.652 W |
| - plan hits target center |               |              |            |              |              |                 |                |                  |                   |
| - Point                   |               |              |            |              |              |                 |                |                  |                   |
| PBHL (BK23-14F5H)         | 0.00          | 0.00         | 9,381.00   | 10,029.74    | 496.36       | 446,098.42      | 784,343.86     | 32° 13' 26.249 N | 103° 32' 51.022 W |
| - plan hits target center |               |              |            |              |              |                 |                |                  |                   |
| - Point                   |               |              |            |              |              |                 |                |                  |                   |

### Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name                    | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|-------------------------|-----------|---------|-------------------|
| 1,094.50              | 1,099.10              | Rustler                 |           | 0.00    |                   |
| 1,615.50              | 1,620.10              | Top of Salt             |           | 0.00    |                   |
| 5,047.74              | 5,046.10              | Base of Salt            |           | 0.00    |                   |
| 5,271.97              | 5,269.10              | Delaware                |           | 0.00    |                   |
| 9,030.34              | 9,012.10              | Lower Brushy Canyon     |           | 0.00    |                   |
| 9,234.86              | 9,200.10              | 1st BSPG Lime           |           | 0.00    |                   |
| 9,332.09              | 9,277.10              | Leonard A               |           | 0.00    |                   |
| 9,452.93              | 9,357.10              | Leonard A Mid Carbonate |           | 0.00    |                   |
| 9,542.23              | 9,403.10              | Leonard A Target Top    |           | 0.00    |                   |

# LEAM Drilling Systems LLC

## Planning Report

|           |                           |                              |                                   |
|-----------|---------------------------|------------------------------|-----------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well 5H                           |
| Company:  | DEVON ENERGY              | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Project:  | Lea County, NM (NAD-83)   | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site:     | Blue Krait 23-14 Fed      | North Reference:             | Grid                              |
| Well:     | 5H                        | Survey Calculation Method:   | Minimum Curvature                 |
| Wellbore: | OH                        |                              |                                   |
| Design:   | Plan #1                   |                              |                                   |

| Plan Annotations            |                             |                   |                 |             |
|-----------------------------|-----------------------------|-------------------|-----------------|-------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment     |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |             |
| 3,508.00                    | 3,508.00                    | 0.00              | 0.00            | Nudge       |
| 4,108.00                    | 4,106.90                    | 0.00              | 31.39           | Hold        |
| 7,508.00                    | 7,488.28                    | 0.00              | 386.78          | Drop        |
| 8,708.00                    | 8,686.09                    | 0.00              | 449.56          | Hold        |
| 8,908.00                    | 8,886.09                    | 0.00              | 449.56          | KOP 10° DLS |
| 9,812.73                    | 9,459.02                    | 577.68            | 452.25          | LP          |
| 19,265.21                   | 9,381.00                    | 10,029.74         | 496.36          | TD          |

# **DEVON ENERGY**

Lea County, NM (NAD-83)

Blue Krait 23-14 Fed

5H

OH

Plan #1

## **Anticollision Report**

27 June, 2016

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Reference                    | Plan #1                                                             |                |                     |
|------------------------------|---------------------------------------------------------------------|----------------|---------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                     |
| Interpolation Method:        | MD Interval 100.00usft                                              | Error Model:   | ISCWSA              |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D |
| Results Limited by:          | Maximum center-center distance of 9,999.98 usft                     | Error Surface: | Elliptical Conic    |
| Warning Levels Evaluated at: | 2.00 Sigma                                                          | Casing Method: | Not applied         |

|                     |              |                   |              |                |  |
|---------------------|--------------|-------------------|--------------|----------------|--|
| Survey Tool Program |              | Date              | 6/27/2016    |                |  |
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name    | Description    |  |
| 0.00                | 19,265.21    | Plan #1 (OH)      | LEAM MWD-ADJ | MWD - Standard |  |

| Site Name            | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
|----------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|---------|
| Blue Krait 23 Fed    |                                 |                              |                                 |                                  |                   |         |
| 6H - OH - Plan #1    | 14,032.49                       | 13,974.62                    | 3,677.72                        | 3,499.45                         | 20.631            | CC      |
| 6H - OH - Plan #1    | 14,100.00                       | 13,974.62                    | 3,678.34                        | 3,498.88                         | 20.497            | ES      |
| 6H - OH - Plan #1    | 15,400.00                       | 13,974.62                    | 3,923.73                        | 3,721.07                         | 19.361            | SF      |
| Blue Krait 23-14 Fed |                                 |                              |                                 |                                  |                   |         |
| 1H - OH - Plan #1    | 3,500.00                        | 3,499.40                     | 99.97                           | 84.52                            | 6.470             | CC, ES  |
| 1H - OH - Plan #1    | 19,265.21                       | 19,250.99                    | 903.83                          | 536.59                           | 2.461             | SF      |
| 2H - OH - Plan #1    | 8,741.27                        | 8,723.96                     | 820.16                          | 781.93                           | 21.450            | CC      |
| 2H - OH - Plan #1    | 19,265.21                       | 19,223.03                    | 904.32                          | 538.14                           | 2.470             | ES, SF  |

| Offset Design                  |                |                |                |                 |        |                   |                        |              |                 |                  |                    |                   | Blue Krait 23 Fed - 6H - OH - Plan #1 |         | Offset Site Error: 0.00 usft |  |
|--------------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|--------------|-----------------|------------------|--------------------|-------------------|---------------------------------------|---------|------------------------------|--|
| Survey Program: 0-LEAM MWD-ADJ |                |                |                |                 |        |                   |                        |              |                 |                  |                    |                   | Offset Well Error: 0.00 usft          |         |                              |  |
| Reference                      |                | Offset         |                | Semi Major Axis |        |                   | Distance               |              |                 |                  |                    |                   |                                       | Warning |                              |  |
| Measured Depth                 | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |              | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |                                       |         |                              |  |
| (usft)                         | (usft)         | (usft)         | (usft)         | (usft)          | (usft) | (°)               | +N/-S (usft)           | +E/-W (usft) | (usft)          | (usft)           | (usft)             |                   |                                       |         |                              |  |
| 0.00                           | 0.00           | 10.90          | 10.90          | 0.00            | 0.01   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        |                  |                    |                   |                                       |         |                              |  |
| 100.00                         | 100.00         | 110.90         | 110.90         | 0.08            | 0.11   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,906.23         | 0.19               | N/A               |                                       |         |                              |  |
| 200.00                         | 200.00         | 210.90         | 210.90         | 0.31            | 0.33   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,905.78         | 0.64               | 6,079.027         |                                       |         |                              |  |
| 300.00                         | 300.00         | 310.90         | 310.90         | 0.53            | 0.56   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,905.33         | 1.09               | 3,576.855         |                                       |         |                              |  |
| 400.00                         | 400.00         | 410.90         | 410.90         | 0.76            | 0.78   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,904.88         | 1.54               | 2,533.888         |                                       |         |                              |  |
| 500.00                         | 500.00         | 510.90         | 510.90         | 0.98            | 1.01   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,904.43         | 1.99               | 1,961.840         |                                       |         |                              |  |
| 600.00                         | 600.00         | 610.90         | 610.90         | 1.21            | 1.23   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,903.98         | 2.44               | 1,600.510         |                                       |         |                              |  |
| 700.00                         | 700.00         | 710.90         | 710.90         | 1.43            | 1.46   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,903.53         | 2.89               | 1,351.578         |                                       |         |                              |  |
| 800.00                         | 800.00         | 810.90         | 810.90         | 1.66            | 1.68   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,903.08         | 3.34               | 1,169.658         |                                       |         |                              |  |
| 900.00                         | 900.00         | 910.90         | 910.90         | 1.88            | 1.91   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,902.63         | 3.79               | 1,030.900         |                                       |         |                              |  |
| 1,000.00                       | 1,000.00       | 1,010.90       | 1,010.90       | 2.11            | 2.13   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,902.18         | 4.24               | 921.573           |                                       |         |                              |  |
| 1,100.00                       | 1,100.00       | 1,110.90       | 1,110.90       | 2.33            | 2.36   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,901.73         | 4.69               | 833.211           |                                       |         |                              |  |
| 1,200.00                       | 1,200.00       | 1,210.90       | 1,210.90       | 2.56            | 2.58   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,901.28         | 5.14               | 760.311           |                                       |         |                              |  |
| 1,300.00                       | 1,300.00       | 1,310.90       | 1,310.90       | 2.78            | 2.81   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,900.83         | 5.59               | 699.141           |                                       |         |                              |  |
| 1,400.00                       | 1,400.00       | 1,410.90       | 1,410.90       | 3.01            | 3.03   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,900.38         | 6.04               | 647.081           |                                       |         |                              |  |
| 1,500.00                       | 1,500.00       | 1,510.90       | 1,510.90       | 3.23            | 3.26   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,899.93         | 6.49               | 602.236           |                                       |         |                              |  |
| 1,600.00                       | 1,600.00       | 1,610.90       | 1,610.90       | 3.46            | 3.48   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,899.48         | 6.94               | 563.205           |                                       |         |                              |  |
| 1,700.00                       | 1,700.00       | 1,710.90       | 1,710.90       | 3.68            | 3.71   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,899.04         | 7.39               | 528.925           |                                       |         |                              |  |
| 1,800.00                       | 1,800.00       | 1,810.90       | 1,810.90       | 3.91            | 3.93   | 89.59             | 28.07                  | 3,906.32     | 3,906.42        | 3,898.59         | 7.84               | 498.578           |                                       |         |                              |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23 Fed - 6H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   |  | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                      |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   |  | Offset Well Error: | 0.00 usft |
| Reference                                           |                       | Offset                |                       | Semi Major Axis  |               | Distance              |                                     | Warning      |                        |                         |                           |                   |  |                    |           |
| Measured Depth (usft)                               | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |  |                    |           |
| 1,900.00                                            | 1,900.00              | 1,910.90              | 1,910.90              | 4.13             | 4.15          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,898.14                | 8.28                      | 471.525           |  |                    |           |
| 2,000.00                                            | 2,000.00              | 2,010.90              | 2,010.90              | 4.35             | 4.38          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,897.69                | 8.73                      | 447.257           |  |                    |           |
| 2,100.00                                            | 2,100.00              | 2,110.90              | 2,110.90              | 4.58             | 4.60          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,897.24                | 9.18                      | 425.364           |  |                    |           |
| 2,200.00                                            | 2,200.00              | 2,210.90              | 2,210.90              | 4.80             | 4.83          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,896.79                | 9.63                      | 405.514           |  |                    |           |
| 2,300.00                                            | 2,300.00              | 2,310.90              | 2,310.90              | 5.03             | 5.05          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,896.34                | 10.08                     | 387.435           |  |                    |           |
| 2,400.00                                            | 2,400.00              | 2,410.90              | 2,410.90              | 5.25             | 5.28          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,895.89                | 10.53                     | 370.899           |  |                    |           |
| 2,500.00                                            | 2,500.00              | 2,510.90              | 2,510.90              | 5.48             | 5.50          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,895.44                | 10.98                     | 355.716           |  |                    |           |
| 2,600.00                                            | 2,600.00              | 2,610.90              | 2,610.90              | 5.70             | 5.73          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,894.99                | 11.43                     | 341.728           |  |                    |           |
| 2,700.00                                            | 2,700.00              | 2,710.90              | 2,710.90              | 5.93             | 5.95          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,894.54                | 11.88                     | 328.798           |  |                    |           |
| 2,800.00                                            | 2,800.00              | 2,810.90              | 2,810.90              | 6.15             | 6.18          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,894.09                | 12.33                     | 316.811           |  |                    |           |
| 2,900.00                                            | 2,900.00              | 2,910.90              | 2,910.90              | 6.38             | 6.40          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,893.64                | 12.78                     | 305.667           |  |                    |           |
| 3,000.00                                            | 3,000.00              | 3,010.90              | 3,010.90              | 6.60             | 6.63          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,893.19                | 13.23                     | 295.281           |  |                    |           |
| 3,100.00                                            | 3,100.00              | 3,110.90              | 3,110.90              | 6.83             | 6.85          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,892.74                | 13.68                     | 285.577           |  |                    |           |
| 3,200.00                                            | 3,200.00              | 3,210.90              | 3,210.90              | 7.05             | 7.08          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,892.29                | 14.13                     | 276.491           |  |                    |           |
| 3,300.00                                            | 3,300.00              | 3,310.90              | 3,310.90              | 7.28             | 7.30          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,891.84                | 14.58                     | 267.965           |  |                    |           |
| 3,400.00                                            | 3,400.00              | 3,410.90              | 3,410.90              | 7.50             | 7.53          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,891.39                | 15.03                     | 259.949           |  |                    |           |
| 3,500.00                                            | 3,500.00              | 3,510.90              | 3,510.90              | 7.73             | 7.75          | 89.59                 | 28.07                               | 3,906.32     | 3,906.42               | 3,890.94                | 15.48                     | 252.399           |  |                    |           |
| 3,600.00                                            | 3,600.00              | 3,610.90              | 3,610.90              | 7.94             | 7.98          | -0.41                 | 28.07                               | 3,906.32     | 3,905.68               | 3,889.77                | 15.91                     | 245.466           |  |                    |           |
| 3,700.00                                            | 3,699.96              | 3,710.86              | 3,710.86              | 8.14             | 8.20          | -0.41                 | 28.07                               | 3,906.32     | 3,903.20               | 3,886.88                | 16.33                     | 239.079           |  |                    |           |
| 3,800.00                                            | 3,799.87              | 3,810.77              | 3,810.77              | 8.34             | 8.42          | -0.41                 | 28.07                               | 3,906.32     | 3,898.98               | 3,882.25                | 16.74                     | 232.958           |  |                    |           |
| 3,900.00                                            | 3,899.69              | 3,910.59              | 3,910.59              | 8.54             | 8.65          | -0.41                 | 28.07                               | 3,906.32     | 3,893.02               | 3,875.87                | 17.14                     | 227.082           |  |                    |           |
| 4,000.00                                            | 3,999.40              | 4,010.30              | 4,010.30              | 8.75             | 8.87          | -0.42                 | 28.07                               | 3,906.32     | 3,885.31               | 3,867.76                | 17.55                     | 221.435           |  |                    |           |
| 4,100.00                                            | 4,098.95              | 4,109.85              | 4,109.85              | 8.96             | 9.10          | -0.42                 | 28.07                               | 3,906.32     | 3,875.87               | 3,857.92                | 17.94                     | 215.999           |  |                    |           |
| 4,200.00                                            | 4,198.40              | 4,209.30              | 4,209.30              | 9.18             | 9.32          | -0.42                 | 28.07                               | 3,906.32     | 3,865.42               | 3,847.05                | 18.37                     | 210.446           |  |                    |           |
| 4,300.00                                            | 4,297.85              | 4,308.75              | 4,308.75              | 9.40             | 9.54          | -0.42                 | 28.07                               | 3,906.32     | 3,854.97               | 3,836.17                | 18.80                     | 205.099           |  |                    |           |
| 4,400.00                                            | 4,397.30              | 4,408.20              | 4,408.20              | 9.63             | 9.77          | -0.42                 | 28.07                               | 3,906.32     | 3,844.51               | 3,825.29                | 19.22                     | 199.975           |  |                    |           |
| 4,500.00                                            | 4,496.76              | 4,507.66              | 4,507.66              | 9.86             | 9.99          | -0.42                 | 28.07                               | 3,906.32     | 3,834.06               | 3,814.40                | 19.66                     | 195.061           |  |                    |           |
| 4,600.00                                            | 4,596.21              | 4,607.11              | 4,607.11              | 10.09            | 10.21         | -0.42                 | 28.07                               | 3,906.32     | 3,823.61               | 3,803.52                | 20.09                     | 190.345           |  |                    |           |
| 4,700.00                                            | 4,695.66              | 4,706.56              | 4,706.56              | 10.33            | 10.44         | -0.42                 | 28.07                               | 3,906.32     | 3,813.16               | 3,792.63                | 20.52                     | 185.817           |  |                    |           |
| 4,800.00                                            | 4,795.11              | 4,806.01              | 4,806.01              | 10.57            | 10.66         | -0.43                 | 28.07                               | 3,906.32     | 3,802.70               | 3,781.75                | 20.96                     | 181.467           |  |                    |           |
| 4,900.00                                            | 4,894.57              | 4,905.47              | 4,905.47              | 10.81            | 10.89         | -0.43                 | 28.07                               | 3,906.32     | 3,792.25               | 3,770.86                | 21.39                     | 177.284           |  |                    |           |
| 5,000.00                                            | 4,994.02              | 5,004.92              | 5,004.92              | 11.06            | 11.11         | -0.43                 | 28.07                               | 3,906.32     | 3,781.80               | 3,759.97                | 21.83                     | 173.260           |  |                    |           |
| 5,100.00                                            | 5,093.47              | 5,104.37              | 5,104.37              | 11.30            | 11.33         | -0.43                 | 28.07                               | 3,906.32     | 3,771.35               | 3,749.08                | 22.26                     | 169.386           |  |                    |           |
| 5,200.00                                            | 5,192.92              | 5,203.82              | 5,203.82              | 11.55            | 11.56         | -0.43                 | 28.07                               | 3,906.32     | 3,760.89               | 3,738.19                | 22.70                     | 165.656           |  |                    |           |
| 5,300.00                                            | 5,292.37              | 5,294.13              | 5,294.13              | 11.80            | 11.76         | -0.43                 | 28.07                               | 3,906.34     | 3,750.47               | 3,727.35                | 23.12                     | 162.220           |  |                    |           |
| 5,400.00                                            | 5,391.83              | 5,354.31              | 5,354.31              | 12.06            | 11.88         | -0.43                 | 28.07                               | 3,906.80     | 3,740.78               | 3,717.33                | 23.46                     | 159.487           |  |                    |           |
| 5,500.00                                            | 5,491.28              | 5,400.00              | 5,399.99              | 12.31            | 11.97         | -0.43                 | 28.07                               | 3,907.57     | 3,732.19               | 3,708.43                | 23.76                     | 157.064           |  |                    |           |
| 5,600.00                                            | 5,590.73              | 5,475.02              | 5,474.98              | 12.57            | 12.11         | -0.43                 | 28.07                               | 3,909.63     | 3,724.55               | 3,700.42                | 24.13                     | 154.366           |  |                    |           |
| 5,700.00                                            | 5,690.18              | 5,535.52              | 5,535.43              | 12.83            | 12.24         | -0.43                 | 28.07                               | 3,912.01     | 3,718.01               | 3,693.55                | 24.47                     | 151.964           |  |                    |           |
| 5,800.00                                            | 5,789.64              | 5,600.00              | 5,599.83              | 13.09            | 12.36         | -0.43                 | 28.07                               | 3,915.25     | 3,712.53               | 3,687.72                | 24.81                     | 149.617           |  |                    |           |
| 5,900.00                                            | 5,889.09              | 5,656.73              | 5,656.46              | 13.35            | 12.48         | -0.43                 | 28.07                               | 3,918.69     | 3,708.10               | 3,682.95                | 25.15                     | 147.458           |  |                    |           |
| 6,000.00                                            | 5,988.54              | 5,700.00              | 5,699.62              | 13.61            | 12.57         | -0.43                 | 28.07                               | 3,921.70     | 3,704.80               | 3,679.35                | 25.45                     | 145.549           |  |                    |           |
| 6,100.00                                            | 6,087.99              | 5,778.14              | 5,777.51              | 13.87            | 12.73         | -0.43                 | 28.07                               | 3,927.95     | 3,702.42               | 3,676.59                | 25.83                     | 143.330           |  |                    |           |
| 6,200.00                                            | 6,187.44              | 5,838.88              | 5,838.00              | 14.14            | 12.86         | -0.43                 | 28.07                               | 3,933.54     | 3,701.17               | 3,675.00                | 26.18                     | 141.399           |  |                    |           |
| 6,267.92                                            | 6,255.00              | 5,880.15              | 5,879.05              | 14.32            | 12.94         | -0.43                 | 28.07                               | 3,937.71     | 3,700.93               | 3,674.52                | 26.41                     | 140.136           |  |                    |           |
| 6,300.00                                            | 6,286.90              | 5,900.00              | 5,898.79              | 14.40            | 12.99         | -0.43                 | 28.07                               | 3,939.82     | 3,700.98               | 3,674.46                | 26.52                     | 139.550           |  |                    |           |
| 6,400.00                                            | 6,386.35              | 5,960.39              | 5,958.79              | 14.67            | 13.12         | -0.43                 | 28.07                               | 3,946.65     | 3,701.85               | 3,674.99                | 26.87                     | 137.790           |  |                    |           |
| 6,500.00                                            | 6,485.80              | 6,047.61              | 6,045.37              | 14.94            | 13.31         | -0.43                 | 28.07                               | 3,957.25     | 3,703.54               | 3,676.27                | 27.27                     | 135.829           |  |                    |           |
| 6,600.00                                            | 6,585.25              | 6,147.59              | 6,144.60              | 15.21            | 13.53         | -0.43                 | 28.07                               | 3,969.43     | 3,705.29               | 3,677.59                | 27.69                     | 133.795           |  |                    |           |
| 6,700.00                                            | 6,684.70              | 6,247.58              | 6,243.84              | 15.48            | 13.75         | -0.43                 | 28.07                               | 3,981.62     | 3,707.03               | 3,678.91                | 28.12                     | 131.815           |  |                    |           |
| 6,800.00                                            | 6,784.16              | 6,347.56              | 6,343.08              | 15.75            | 13.98         | -0.43                 | 28.07                               | 3,993.80     | 3,708.78               | 3,680.22                | 28.55                     | 129.888           |  |                    |           |
| 6,900.00                                            | 6,883.61              | 6,447.55              | 6,442.32              | 16.02            | 14.22         | -0.43                 | 28.07                               | 4,005.99     | 3,710.52               | 3,681.54                | 28.99                     | 128.011           |  |                    |           |

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23 Fed - 6H - OH - Plan #1 |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|---------------------------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                      |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Measured Depth (usft)                               | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning            |           |
| 7,000.00                                            | 6,983.06              | 6,547.53              | 6,541.56              | 16.29            | 14.45         | -0.43                                 | 28.07                               | 4,018.17     | 3,712.27               | 3,682.85                | 29.42                     | 126.184           |                    |           |
| 7,100.00                                            | 7,082.51              | 6,647.52              | 6,640.80              | 16.56            | 14.69         | -0.43                                 | 28.07                               | 4,030.36     | 3,714.01               | 3,684.16                | 29.85                     | 124.404           |                    |           |
| 7,200.00                                            | 7,181.97              | 6,747.50              | 6,740.04              | 16.84            | 14.93         | -0.43                                 | 28.07                               | 4,042.54     | 3,715.76               | 3,685.47                | 30.29                     | 122.669           |                    |           |
| 7,300.00                                            | 7,281.42              | 6,847.49              | 6,839.28              | 17.11            | 15.17         | -0.43                                 | 28.07                               | 4,054.73     | 3,717.50               | 3,686.77                | 30.73                     | 120.979           |                    |           |
| 7,400.00                                            | 7,380.87              | 6,947.47              | 6,938.52              | 17.38            | 15.42         | -0.43                                 | 28.07                               | 4,066.91     | 3,719.25               | 3,688.08                | 31.17                     | 119.332           |                    |           |
| 7,500.00                                            | 7,480.32              | 7,047.46              | 7,037.76              | 17.66            | 15.67         | -0.43                                 | 28.07                               | 4,079.10     | 3,720.99               | 3,689.39                | 31.61                     | 117.727           |                    |           |
| 7,600.00                                            | 7,579.81              | 7,147.43              | 7,136.99              | 17.91            | 15.92         | -0.43                                 | 28.07                               | 4,091.28     | 3,723.11               | 3,691.06                | 32.05                     | 116.173           |                    |           |
| 7,700.00                                            | 7,679.39              | 7,247.39              | 7,236.20              | 18.13            | 16.18         | -0.43                                 | 28.07                               | 4,103.47     | 3,726.09               | 3,693.62                | 32.47                     | 114.751           |                    |           |
| 7,800.00                                            | 7,779.04              | 7,347.48              | 7,336.40              | 18.35            | 16.47         | -0.43                                 | 28.07                               | 4,118.45     | 3,729.77               | 3,696.84                | 32.93                     | 113.248           |                    |           |
| 7,900.00                                            | 7,878.76              | 7,447.56              | 7,436.72              | 18.56            | 16.80         | -0.43                                 | 28.07                               | 4,134.57     | 3,733.18               | 3,699.74                | 33.43                     | 111.656           |                    |           |
| 8,000.00                                            | 7,978.54              | 7,547.64              | 7,536.51              | 18.77            | 17.12         | -0.43                                 | 28.07                               | 4,148.78     | 3,736.17               | 3,702.23                | 33.93                     | 110.103           |                    |           |
| 8,100.00                                            | 8,078.37              | 7,647.72              | 7,636.59              | 18.98            | 17.44         | -0.43                                 | 28.07                               | 4,161.09     | 3,738.73               | 3,704.30                | 34.43                     | 108.587           |                    |           |
| 8,200.00                                            | 8,178.25              | 7,747.80              | 7,736.67              | 19.18            | 17.76         | -0.43                                 | 28.07                               | 4,171.49     | 3,740.87               | 3,705.95                | 34.93                     | 107.109           |                    |           |
| 8,300.00                                            | 8,278.17              | 7,847.88              | 7,836.75              | 19.38            | 18.08         | -0.43                                 | 28.07                               | 4,179.98     | 3,742.59               | 3,707.18                | 35.42                     | 105.666           |                    |           |
| 8,400.00                                            | 8,378.12              | 7,947.96              | 7,936.83              | 19.57            | 18.39         | -0.43                                 | 28.07                               | 4,186.54     | 3,743.89               | 3,707.98                | 35.91                     | 104.258           |                    |           |
| 8,500.00                                            | 8,478.10              | 8,048.04              | 8,036.91              | 19.76            | 18.69         | -0.43                                 | 28.07                               | 4,191.18     | 3,744.77               | 3,708.37                | 36.40                     | 102.884           |                    |           |
| 8,600.00                                            | 8,578.09              | 8,148.12              | 8,137.00              | 19.95            | 18.99         | -0.43                                 | 28.07                               | 4,193.90     | 3,745.22               | 3,708.33                | 36.88                     | 101.543           |                    |           |
| 8,700.00                                            | 8,678.09              | 8,248.20              | 8,237.07              | 20.13            | 19.26         | -0.43                                 | 28.07                               | 4,194.70     | 3,745.25               | 3,707.90                | 37.35                     | 100.278           |                    |           |
| 8,741.27                                            | 8,719.36              | 8,245.28              | 8,234.15              | 20.20            | 19.35         | -0.43                                 | 28.07                               | 4,194.70     | 3,745.23               | 3,707.70                | 37.52                     | 99.813            |                    |           |
| 8,800.00                                            | 8,778.09              | 8,348.36              | 8,337.23              | 20.31            | 19.48         | 89.57                                 | 28.07                               | 4,194.70     | 3,745.25               | 3,707.48                | 37.77                     | 99.158            |                    |           |
| 8,900.00                                            | 8,878.09              | 8,448.44              | 8,437.31              | 20.52            | 19.69         | 89.57                                 | 28.14                               | 4,194.70     | 3,745.25               | 3,707.04                | 38.21                     | 98.028            |                    |           |
| 9,000.00                                            | 8,977.69              | 8,548.52              | 8,537.39              | 20.72            | 19.91         | 89.27                                 | 38.60                               | 4,194.60     | 3,745.14               | 3,706.50                | 38.64                     | 96.928            |                    |           |
| 9,100.00                                            | 9,074.51              | 8,648.60              | 8,637.47              | 20.92            | 20.13         | 89.25                                 | 66.31                               | 4,194.33     | 3,744.79               | 3,705.72                | 39.07                     | 95.859            |                    |           |
| 9,200.00                                            | 9,165.61              | 8,748.68              | 8,737.55              | 21.13            | 20.35         | 89.26                                 | 110.14                              | 4,193.91     | 3,744.20               | 3,704.69                | 39.52                     | 94.752            |                    |           |
| 9,300.00                                            | 9,248.21              | 8,848.76              | 8,837.63              | 21.35            | 20.59         | 89.29                                 | 168.49                              | 4,193.36     | 3,743.41               | 3,703.37                | 40.04                     | 93.493            |                    |           |
| 9,400.00                                            | 9,319.81              | 8,948.84              | 8,937.71              | 21.60            | 20.87         | 89.35                                 | 239.40                              | 4,192.68     | 3,742.42               | 3,701.73                | 40.69                     | 91.964            |                    |           |
| 9,500.00                                            | 9,378.23              | 9,048.92              | 9,037.79              | 21.92            | 21.24         | 89.42                                 | 320.63                              | 4,191.90     | 3,741.27               | 3,699.74                | 41.53                     | 90.075            |                    |           |
| 9,600.00                                            | 9,421.70              | 9,149.00              | 9,137.87              | 22.36            | 21.73         | 89.51                                 | 409.61                              | 4,191.05     | 3,740.00               | 3,697.40                | 42.60                     | 87.800            |                    |           |
| 9,700.00                                            | 9,448.90              | 9,249.08              | 9,237.95              | 22.94            | 22.34         | 89.61                                 | 503.95                              | 4,190.15     | 3,738.64               | 3,695.75                | 43.89                     | 85.177            |                    |           |
| 9,800.00                                            | 9,458.99              | 9,299.16              | 9,288.03              | 23.65            | 23.07         | 89.73                                 | 600.73                              | 4,189.22     | 3,737.23               | 3,694.84                | 45.40                     | 82.323            |                    |           |
| 9,900.00                                            | 9,458.30              | 9,349.24              | 9,338.11              | 24.47            | 23.92         | 89.73                                 | 700.40                              | 4,188.27     | 3,735.81               | 3,693.89                | 47.13                     | 79.270            |                    |           |
| 10,000.00                                           | 9,457.48              | 9,399.32              | 9,388.19              | 25.40            | 24.88         | 89.72                                 | 800.36                              | 4,187.31     | 3,734.40               | 3,693.33                | 49.07                     | 76.104            |                    |           |
| 10,100.00                                           | 9,456.65              | 9,449.40              | 9,438.27              | 26.43            | 25.93         | 89.71                                 | 900.33                              | 4,186.35     | 3,732.98               | 3,691.78                | 51.20                     | 72.913            |                    |           |
| 10,200.00                                           | 9,455.83              | 9,499.48              | 9,488.35              | 27.54            | 27.06         | 89.69                                 | 1,000.30                            | 4,185.39     | 3,731.56               | 3,690.07                | 53.49                     | 69.761            |                    |           |
| 10,300.00                                           | 9,455.00              | 9,549.56              | 9,538.43              | 28.73            | 28.26         | 89.68                                 | 1,100.26                            | 4,184.44     | 3,730.14               | 3,688.21                | 55.93                     | 66.696            |                    |           |
| 10,400.00                                           | 9,454.18              | 9,599.64              | 9,588.51              | 29.97            | 29.53         | 89.66                                 | 1,200.23                            | 4,183.48     | 3,728.72               | 3,686.23                | 58.49                     | 63.750            |                    |           |
| 10,500.00                                           | 9,453.35              | 9,649.72              | 9,638.59              | 31.28            | 30.86         | 89.65                                 | 1,300.19                            | 4,182.52     | 3,727.30               | 3,684.14                | 61.16                     | 60.941            |                    |           |
| 10,600.00                                           | 9,452.53              | 9,699.80              | 9,688.67              | 32.63            | 32.23         | 89.64                                 | 1,400.16                            | 4,181.57     | 3,725.88               | 3,681.95                | 63.93                     | 58.279            |                    |           |
| 10,700.00                                           | 9,451.70              | 9,749.88              | 9,738.75              | 34.03            | 33.65         | 89.62                                 | 1,500.13                            | 4,180.61     | 3,724.47               | 3,679.68                | 66.79                     | 55.767            |                    |           |
| 10,800.00                                           | 9,450.88              | 9,799.96              | 9,788.83              | 35.46            | 35.10         | 89.61                                 | 1,600.09                            | 4,179.65     | 3,723.05               | 3,677.34                | 69.71                     | 53.405            |                    |           |
| 10,900.00                                           | 9,450.05              | 9,849.04              | 9,837.91              | 36.93            | 36.59         | 89.59                                 | 1,700.06                            | 4,178.70     | 3,721.63               | 3,675.92                | 72.71                     | 51.187            |                    |           |
| 11,000.00                                           | 9,449.22              | 9,899.12              | 9,888.00              | 38.43            | 38.10         | 89.58                                 | 1,800.03                            | 4,177.74     | 3,720.21               | 3,674.46                | 75.76                     | 49.107            |                    |           |
| 11,100.00                                           | 9,448.40              | 9,949.20              | 9,938.07              | 39.96            | 39.65         | 89.57                                 | 1,899.99                            | 4,176.78     | 3,718.80               | 3,672.94                | 78.86                     | 47.158            |                    |           |
| 11,200.00                                           | 9,447.57              | 9,999.28              | 9,988.15              | 41.51            | 41.21         | 89.55                                 | 1,999.96                            | 4,175.83     | 3,717.38               | 3,671.38                | 82.00                     | 45.331            |                    |           |
| 11,300.00                                           | 9,446.75              | 10,049.36             | 10,038.23             | 43.08            | 42.80         | 89.54                                 | 2,099.93                            | 4,174.87     | 3,715.96               | 3,669.77                | 85.19                     | 43.620            |                    |           |
| 11,400.00                                           | 9,445.92              | 10,099.44             | 10,088.31             | 44.67            | 44.40         | 89.52                                 | 2,199.89                            | 4,173.91     | 3,714.55               | 3,668.14                | 88.41                     | 42.014            |                    |           |
| 11,500.00                                           | 9,445.10              | 10,149.52             | 10,138.39             | 46.28            | 46.02         | 89.51                                 | 2,299.86                            | 4,172.96     | 3,713.13               | 3,666.47                | 91.67                     | 40.507            |                    |           |
| 11,600.00                                           | 9,444.27              | 10,199.60             | 10,188.47             | 47.90            | 47.66         | 89.50                                 | 2,399.82                            | 4,172.00     | 3,711.72               | 3,664.77                | 94.95                     | 39.092            |                    |           |
| 11,700.00                                           | 9,443.45              | 10,249.68             | 10,238.55             | 49.54            | 49.31         | 89.48                                 | 2,499.79                            | 4,171.04     | 3,710.30               | 3,662.95                | 98.26                     | 37.762            |                    |           |
| 11,800.00                                           | 9,442.62              | 10,299.76             | 10,288.63             | 51.19            | 50.97         | 89.47                                 | 2,599.76                            | 4,170.09     | 3,708.89               | 3,661.30                | 101.59                    | 36.509            |                    |           |
| 11,900.00                                           | 9,441.80              | 10,349.84             | 10,338.71             | 52.85            | 52.64         | 89.45                                 | 2,699.72                            | 4,169.13     | 3,707.47               | 3,659.53                | 104.94                    | 35.330            |                    |           |
| 12,000.00                                           | 9,440.97              | 10,399.92             | 10,388.79             | 54.52            | 54.32         | 89.44                                 | 2,799.69                            | 4,168.17     | 3,706.06               | 3,657.75                | 108.31                    | 34.217            |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23 Fed - 6H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 0.00 usft |
|-----------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|-----------|
| Survey Program: O-LEAM MWD-ADJ                      |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 0.00 usft |
| Reference                                           |                       | Offset                |                       | Semi Major Axis  |               | Distance              |                                     |              |                        |                         |                           |                    |           |
| Measured Depth (usft)                               | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning   |
| 12,100.00                                           | 9,440.14              | 12,094.25             | 9,413.47              | 56.20            | 56.01         | 89.43                 | 2,899.66                            | 4,167.21     | 3,704.64               | 3,592.94                | 111.70                    | 33.166             |           |
| 12,200.00                                           | 9,439.32              | 12,194.24             | 9,411.75              | 57.89            | 57.71         | 89.41                 | 2,999.62                            | 4,166.26     | 3,703.23               | 3,588.12                | 115.10                    | 32.173             |           |
| 12,300.00                                           | 9,438.49              | 12,294.23             | 9,410.02              | 59.58            | 59.42         | 89.40                 | 3,099.59                            | 4,165.30     | 3,701.81               | 3,583.29                | 118.52                    | 31.233             |           |
| 12,400.00                                           | 9,437.67              | 12,394.21             | 9,408.29              | 61.29            | 61.13         | 89.38                 | 3,199.55                            | 4,164.34     | 3,700.40               | 3,578.45                | 121.95                    | 30.343             |           |
| 12,500.00                                           | 9,436.84              | 12,494.20             | 9,406.57              | 63.00            | 62.85         | 89.37                 | 3,299.52                            | 4,163.39     | 3,698.99               | 3,573.59                | 125.40                    | 29.498             |           |
| 12,600.00                                           | 9,436.02              | 12,594.18             | 9,404.84              | 64.71            | 64.58         | 89.35                 | 3,399.49                            | 4,162.43     | 3,697.57               | 3,568.72                | 128.85                    | 28.696             |           |
| 12,700.00                                           | 9,435.19              | 12,694.17             | 9,403.11              | 66.43            | 66.31         | 89.34                 | 3,499.45                            | 4,161.47     | 3,696.16               | 3,563.84                | 132.32                    | 27.934             |           |
| 12,800.00                                           | 9,434.37              | 12,794.16             | 9,401.39              | 68.16            | 68.04         | 89.33                 | 3,599.42                            | 4,160.52     | 3,694.75               | 3,558.95                | 135.79                    | 27.208             |           |
| 12,900.00                                           | 9,433.54              | 12,894.14             | 9,399.66              | 69.89            | 69.78         | 89.31                 | 3,699.39                            | 4,159.56     | 3,693.33               | 3,554.06                | 139.28                    | 26.518             |           |
| 13,000.00                                           | 9,432.72              | 12,994.13             | 9,397.93              | 71.63            | 71.53         | 89.30                 | 3,799.35                            | 4,158.60     | 3,691.92               | 3,549.15                | 142.77                    | 25.859             |           |
| 13,100.00                                           | 9,431.89              | 13,094.11             | 9,396.21              | 73.37            | 73.28         | 89.28                 | 3,899.32                            | 4,157.65     | 3,690.51               | 3,544.24                | 146.27                    | 25.231             |           |
| 13,200.00                                           | 9,431.06              | 13,194.10             | 9,394.48              | 75.11            | 75.03         | 89.27                 | 3,999.29                            | 4,156.69     | 3,689.10               | 3,539.32                | 149.78                    | 24.631             |           |
| 13,300.00                                           | 9,430.24              | 13,294.08             | 9,392.75              | 76.86            | 76.78         | 89.25                 | 4,099.25                            | 4,155.73     | 3,687.69               | 3,534.40                | 153.29                    | 24.057             |           |
| 13,400.00                                           | 9,429.41              | 13,394.07             | 9,391.03              | 78.61            | 78.54         | 89.24                 | 4,199.22                            | 4,154.78     | 3,686.27               | 3,529.47                | 156.81                    | 23.508             |           |
| 13,500.00                                           | 9,428.59              | 13,494.06             | 9,389.30              | 80.37            | 80.30         | 89.23                 | 4,299.18                            | 4,153.82     | 3,684.86               | 3,524.53                | 160.33                    | 22.983             |           |
| 13,600.00                                           | 9,427.76              | 13,594.04             | 9,387.57              | 82.12            | 82.07         | 89.21                 | 4,399.15                            | 4,152.86     | 3,683.45               | 3,519.59                | 163.86                    | 22.479             |           |
| 13,700.00                                           | 9,426.94              | 13,694.03             | 9,385.85              | 83.88            | 83.84         | 89.20                 | 4,499.12                            | 4,151.91     | 3,682.04               | 3,514.64                | 167.40                    | 21.996             |           |
| 13,800.00                                           | 9,426.11              | 13,794.01             | 9,384.12              | 85.65            | 85.61         | 89.18                 | 4,599.08                            | 4,150.95     | 3,680.63               | 3,509.69                | 170.94                    | 21.532             |           |
| 13,900.00                                           | 9,425.29              | 13,894.00             | 9,382.39              | 87.41            | 87.38         | 89.17                 | 4,699.05                            | 4,149.99     | 3,679.22               | 3,504.74                | 174.48                    | 21.087             |           |
| 14,000.00                                           | 9,424.46              | 13,974.62             | 9,381.00              | 89.18            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,677.86               | 3,500.17                | 177.69                    | 20.699             |           |
| 14,032.49                                           | 9,424.19              | 13,974.62             | 9,381.00              | 89.75            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,677.72               | 3,499.45                | 178.26                    | 20.631 CC          |           |
| 14,100.00                                           | 9,423.64              | 13,974.62             | 9,381.00              | 90.95            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,678.34               | 3,498.88                | 179.46                    | 20.497 ES          |           |
| 14,200.00                                           | 9,422.81              | 13,974.62             | 9,381.00              | 92.72            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,681.53               | 3,500.29                | 181.24                    | 20.313             |           |
| 14,300.00                                           | 9,421.99              | 13,974.62             | 9,381.00              | 94.49            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,687.43               | 3,504.42                | 183.01                    | 20.148             |           |
| 14,400.00                                           | 9,421.16              | 13,974.62             | 9,381.00              | 96.27            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,696.03               | 3,511.24                | 184.79                    | 20.001             |           |
| 14,500.00                                           | 9,420.33              | 13,974.62             | 9,381.00              | 98.04            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,707.31               | 3,520.74                | 186.57                    | 19.870             |           |
| 14,600.00                                           | 9,419.51              | 13,974.62             | 9,381.00              | 99.82            | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,721.24               | 3,532.89                | 188.36                    | 19.756             |           |
| 14,700.00                                           | 9,418.68              | 13,974.62             | 9,381.00              | 101.60           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,737.80               | 3,547.66                | 190.14                    | 19.658             |           |
| 14,800.00                                           | 9,417.86              | 13,974.62             | 9,381.00              | 103.38           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,756.95               | 3,565.02                | 191.93                    | 19.575             |           |
| 14,900.00                                           | 9,417.03              | 13,974.62             | 9,381.00              | 105.17           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,778.65               | 3,584.93                | 193.71                    | 19.506             |           |
| 15,000.00                                           | 9,416.21              | 13,974.62             | 9,381.00              | 106.95           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,802.85               | 3,607.35                | 195.50                    | 19.452             |           |
| 15,100.00                                           | 9,415.38              | 13,974.62             | 9,381.00              | 108.74           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,829.51               | 3,632.22                | 197.29                    | 19.411             |           |
| 15,200.00                                           | 9,414.56              | 13,974.62             | 9,381.00              | 110.52           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,858.58               | 3,659.51                | 199.08                    | 19.382             |           |
| 15,300.00                                           | 9,413.73              | 13,974.62             | 9,381.00              | 112.31           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,890.01               | 3,689.14                | 200.87                    | 19.366             |           |
| 15,400.00                                           | 9,412.91              | 13,974.62             | 9,381.00              | 114.10           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,923.73               | 3,721.07                | 202.66                    | 19.361 SF          |           |
| 15,500.00                                           | 9,412.08              | 13,974.62             | 9,381.00              | 115.89           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,959.69               | 3,755.24                | 204.45                    | 19.367             |           |
| 15,600.00                                           | 9,411.25              | 13,974.62             | 9,381.00              | 117.68           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 3,997.83               | 3,791.59                | 206.25                    | 19.384             |           |
| 15,700.00                                           | 9,410.43              | 13,974.62             | 9,381.00              | 119.47           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,038.09               | 3,830.05                | 208.04                    | 19.410             |           |
| 15,800.00                                           | 9,409.60              | 13,974.62             | 9,381.00              | 121.26           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,080.40               | 3,870.56                | 209.84                    | 19.446             |           |
| 15,900.00                                           | 9,408.78              | 13,974.62             | 9,381.00              | 123.05           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,124.70               | 3,913.07                | 211.63                    | 19.490             |           |
| 16,000.00                                           | 9,407.95              | 13,974.62             | 9,381.00              | 124.85           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,170.93               | 3,957.50                | 213.43                    | 19.542             |           |
| 16,100.00                                           | 9,407.13              | 13,974.62             | 9,381.00              | 126.65           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,219.03               | 4,003.80                | 215.23                    | 19.603             |           |
| 16,200.00                                           | 9,406.30              | 13,974.62             | 9,381.00              | 128.44           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,268.92               | 4,051.89                | 217.03                    | 19.670             |           |
| 16,300.00                                           | 9,405.48              | 13,974.62             | 9,381.00              | 130.24           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,320.55               | 4,101.73                | 218.82                    | 19.744             |           |
| 16,400.00                                           | 9,404.65              | 13,974.62             | 9,381.00              | 132.04           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,373.86               | 4,153.24                | 220.62                    | 19.825             |           |
| 16,500.00                                           | 9,403.83              | 13,974.62             | 9,381.00              | 133.83           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,428.79               | 4,206.37                | 222.42                    | 19.911             |           |
| 16,600.00                                           | 9,403.00              | 13,974.62             | 9,381.00              | 135.63           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,485.27               | 4,261.05                | 224.23                    | 20.003             |           |
| 16,700.00                                           | 9,402.17              | 13,974.62             | 9,381.00              | 137.43           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,543.26               | 4,317.23                | 226.03                    | 20.101             |           |
| 16,800.00                                           | 9,401.35              | 13,974.62             | 9,381.00              | 139.23           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,602.68               | 4,374.85                | 227.83                    | 20.202             |           |
| 16,900.00                                           | 9,400.52              | 13,974.62             | 9,381.00              | 141.03           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,663.50               | 4,433.87                | 229.63                    | 20.309             |           |
| 17,000.00                                           | 9,399.70              | 13,974.62             | 9,381.00              | 142.83           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,725.64               | 4,494.21                | 231.43                    | 20.419             |           |
| 17,100.00                                           | 9,398.87              | 13,974.62             | 9,381.00              | 144.63           | 88.81         | 89.16                 | 4,779.65                            | 4,149.22     | 4,789.07               | 4,555.83                | 233.24                    | 20.533             |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23 Fed - 6H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Site Error: 0.00 usft |  |
|-----------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|--|
| Survey Program: 0-LEAM MWD-ADJ                      |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Well Error: 0.00 usft |  |
| Reference                                           |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor | Warning                      |  |
| Measured Depth (usft)                               | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                   |                              |  |
| 17,200.00                                           | 9,398.05              | 13,974.62             | 9,381.00              | 146.44           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 4,853.73               | 4,618.69                | 235.04                    | 20.651            |                              |  |
| 17,300.00                                           | 9,397.22              | 13,974.62             | 9,381.00              | 148.24           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 4,919.57               | 4,682.73                | 236.84                    | 20.771            |                              |  |
| 17,400.00                                           | 9,396.40              | 13,974.62             | 9,381.00              | 150.04           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 4,986.55               | 4,747.90                | 238.65                    | 20.895            |                              |  |
| 17,500.00                                           | 9,395.57              | 13,974.62             | 9,381.00              | 151.84           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,054.62               | 4,814.17                | 240.45                    | 21.021            |                              |  |
| 17,600.00                                           | 9,394.75              | 13,974.62             | 9,381.00              | 153.65           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,123.74               | 4,881.48                | 242.26                    | 21.150            |                              |  |
| 17,700.00                                           | 9,393.92              | 13,974.62             | 9,381.00              | 155.45           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,193.86               | 4,949.80                | 244.06                    | 21.281            |                              |  |
| 17,800.00                                           | 9,393.09              | 13,974.62             | 9,381.00              | 157.26           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,264.95               | 5,019.08                | 245.87                    | 21.413            |                              |  |
| 17,900.00                                           | 9,392.27              | 13,974.62             | 9,381.00              | 159.06           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,336.97               | 5,089.29                | 247.68                    | 21.548            |                              |  |
| 18,000.00                                           | 9,391.44              | 13,974.62             | 9,381.00              | 160.87           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,409.87               | 5,160.39                | 249.48                    | 21.684            |                              |  |
| 18,100.00                                           | 9,390.62              | 13,974.62             | 9,381.00              | 162.67           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,483.63               | 5,232.34                | 251.29                    | 21.822            |                              |  |
| 18,200.00                                           | 9,389.79              | 13,974.62             | 9,381.00              | 164.48           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,558.21               | 5,305.11                | 253.10                    | 21.961            |                              |  |
| 18,300.00                                           | 9,388.97              | 13,974.62             | 9,381.00              | 166.28           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,633.58               | 5,378.67                | 254.91                    | 22.101            |                              |  |
| 18,400.00                                           | 9,388.14              | 13,974.62             | 9,381.00              | 168.09           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,709.70               | 5,452.99                | 256.71                    | 22.241            |                              |  |
| 18,500.00                                           | 9,387.32              | 13,974.62             | 9,381.00              | 169.90           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,786.55               | 5,528.03                | 258.52                    | 22.383            |                              |  |
| 18,600.00                                           | 9,386.49              | 13,974.62             | 9,381.00              | 171.71           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,864.10               | 5,603.77                | 260.33                    | 22.526            |                              |  |
| 18,700.00                                           | 9,385.67              | 13,974.62             | 9,381.00              | 173.51           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 5,942.32               | 5,680.18                | 262.14                    | 22.669            |                              |  |
| 18,800.00                                           | 9,384.84              | 13,974.62             | 9,381.00              | 175.32           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 6,021.19               | 5,757.24                | 263.95                    | 22.812            |                              |  |
| 18,900.00                                           | 9,384.01              | 13,974.62             | 9,381.00              | 177.13           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 6,100.67               | 5,834.91                | 265.76                    | 22.956            |                              |  |
| 19,000.00                                           | 9,383.19              | 13,974.62             | 9,381.00              | 178.94           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 6,180.75               | 5,913.19                | 267.57                    | 23.100            |                              |  |
| 19,100.00                                           | 9,382.36              | 13,974.62             | 9,381.00              | 180.75           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 6,261.41               | 5,992.03                | 269.38                    | 23.244            |                              |  |
| 19,200.00                                           | 9,381.54              | 13,974.62             | 9,381.00              | 182.56           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 6,342.61               | 6,071.42                | 271.19                    | 23.388            |                              |  |
| 19,265.21                                           | 9,381.00              | 13,974.62             | 9,381.00              | 183.74           | 88.81         | 89.16                 | 4,779.65               | 4,149.22     | 6,395.85               | 6,123.49                | 272.37                    | 23.482            |                              |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 1H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: O-LEAM MWD-ADJ                         |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Reference                                              |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor | Warning            |           |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                   |                    |           |
| 0.00                                                   | 0.00                  | 0.00                  | 0.00                  | 0.00             | 0.00          | -90.38                | -0.67                  | -99.97       | 99.97                  |                         |                           |                   |                    |           |
| 100.00                                                 | 100.00                | 99.40                 | 99.40                 | 0.08             | 0.08          | -90.38                | -0.67                  | -99.97       | 99.97                  | 99.80                   | 0.17                      | 594.828           |                    |           |
| 200.00                                                 | 200.00                | 199.40                | 199.40                | 0.31             | 0.31          | -90.38                | -0.67                  | -99.97       | 99.97                  | 99.36                   | 0.62                      | 162.093           |                    |           |
| 300.00                                                 | 300.00                | 299.40                | 299.40                | 0.53             | 0.53          | -90.38                | -0.67                  | -99.97       | 99.97                  | 98.91                   | 1.07                      | 93.757            |                    |           |
| 400.00                                                 | 400.00                | 399.40                | 399.40                | 0.76             | 0.76          | -90.38                | -0.67                  | -99.97       | 99.97                  | 98.46                   | 1.52                      | 65.952            |                    |           |
| 500.00                                                 | 500.00                | 499.40                | 499.40                | 0.98             | 0.98          | -90.38                | -0.67                  | -99.97       | 99.97                  | 98.01                   | 1.97                      | 50.867            |                    |           |
| 600.00                                                 | 600.00                | 599.40                | 599.40                | 1.21             | 1.21          | -90.38                | -0.67                  | -99.97       | 99.97                  | 97.56                   | 2.41                      | 41.398            |                    |           |
| 700.00                                                 | 700.00                | 699.40                | 699.40                | 1.43             | 1.43          | -90.38                | -0.67                  | -99.97       | 99.97                  | 97.11                   | 2.86                      | 34.901            |                    |           |
| 800.00                                                 | 800.00                | 799.40                | 799.40                | 1.66             | 1.66          | -90.38                | -0.67                  | -99.97       | 99.97                  | 96.66                   | 3.31                      | 30.167            |                    |           |
| 900.00                                                 | 900.00                | 899.40                | 899.40                | 1.88             | 1.88          | -90.38                | -0.67                  | -99.97       | 99.97                  | 96.21                   | 3.76                      | 26.564            |                    |           |
| 1,000.00                                               | 1,000.00              | 999.40                | 999.40                | 2.11             | 2.11          | -90.38                | -0.67                  | -99.97       | 99.97                  | 95.76                   | 4.21                      | 23.729            |                    |           |
| 1,100.00                                               | 1,100.00              | 1,099.40              | 1,099.40              | 2.33             | 2.33          | -90.38                | -0.67                  | -99.97       | 99.97                  | 95.31                   | 4.66                      | 21.442            |                    |           |
| 1,200.00                                               | 1,200.00              | 1,199.40              | 1,199.40              | 2.56             | 2.56          | -90.38                | -0.67                  | -99.97       | 99.97                  | 94.86                   | 5.11                      | 19.556            |                    |           |
| 1,300.00                                               | 1,300.00              | 1,299.40              | 1,299.40              | 2.78             | 2.78          | -90.38                | -0.67                  | -99.97       | 99.97                  | 94.41                   | 5.56                      | 17.975            |                    |           |
| 1,400.00                                               | 1,400.00              | 1,399.40              | 1,399.40              | 3.01             | 3.00          | -90.38                | -0.67                  | -99.97       | 99.97                  | 93.96                   | 6.01                      | 16.631            |                    |           |
| 1,500.00                                               | 1,500.00              | 1,499.40              | 1,499.40              | 3.23             | 3.23          | -90.38                | -0.67                  | -99.97       | 99.97                  | 93.51                   | 6.46                      | 15.474            |                    |           |
| 1,600.00                                               | 1,600.00              | 1,599.40              | 1,599.40              | 3.46             | 3.45          | -90.38                | -0.67                  | -99.97       | 99.97                  | 93.06                   | 6.91                      | 14.467            |                    |           |
| 1,700.00                                               | 1,700.00              | 1,699.40              | 1,699.40              | 3.68             | 3.68          | -90.38                | -0.67                  | -99.97       | 99.97                  | 92.61                   | 7.36                      | 13.584            |                    |           |
| 1,800.00                                               | 1,800.00              | 1,799.40              | 1,799.40              | 3.91             | 3.90          | -90.38                | -0.67                  | -99.97       | 99.97                  | 92.16                   | 7.81                      | 12.802            |                    |           |
| 1,900.00                                               | 1,900.00              | 1,899.40              | 1,899.40              | 4.13             | 4.13          | -90.38                | -0.67                  | -99.97       | 99.97                  | 91.71                   | 8.26                      | 12.105            |                    |           |
| 2,000.00                                               | 2,000.00              | 1,999.40              | 1,999.40              | 4.35             | 4.35          | -90.38                | -0.67                  | -99.97       | 99.97                  | 91.26                   | 8.71                      | 11.480            |                    |           |
| 2,100.00                                               | 2,100.00              | 2,099.40              | 2,099.40              | 4.58             | 4.58          | -90.38                | -0.67                  | -99.97       | 99.97                  | 90.81                   | 9.16                      | 10.917            |                    |           |
| 2,200.00                                               | 2,200.00              | 2,199.40              | 2,199.40              | 4.80             | 4.80          | -90.38                | -0.67                  | -99.97       | 99.97                  | 90.36                   | 9.61                      | 10.406            |                    |           |
| 2,300.00                                               | 2,300.00              | 2,299.40              | 2,299.40              | 5.03             | 5.03          | -90.38                | -0.67                  | -99.97       | 99.97                  | 89.92                   | 10.06                     | 9.941             |                    |           |
| 2,400.00                                               | 2,400.00              | 2,399.40              | 2,399.40              | 5.25             | 5.25          | -90.38                | -0.67                  | -99.97       | 99.97                  | 89.47                   | 10.51                     | 9.515             |                    |           |
| 2,500.00                                               | 2,500.00              | 2,499.40              | 2,499.40              | 5.48             | 5.48          | -90.38                | -0.67                  | -99.97       | 99.97                  | 89.02                   | 10.96                     | 9.125             |                    |           |
| 2,600.00                                               | 2,600.00              | 2,599.40              | 2,599.40              | 5.70             | 5.70          | -90.38                | -0.67                  | -99.97       | 99.97                  | 88.57                   | 11.41                     | 8.765             |                    |           |
| 2,700.00                                               | 2,700.00              | 2,699.40              | 2,699.40              | 5.93             | 5.93          | -90.38                | -0.67                  | -99.97       | 99.97                  | 88.12                   | 11.86                     | 8.433             |                    |           |
| 2,800.00                                               | 2,800.00              | 2,799.40              | 2,799.40              | 6.15             | 6.15          | -90.38                | -0.67                  | -99.97       | 99.97                  | 87.67                   | 12.30                     | 8.125             |                    |           |
| 2,900.00                                               | 2,900.00              | 2,899.40              | 2,899.40              | 6.38             | 6.38          | -90.38                | -0.67                  | -99.97       | 99.97                  | 87.22                   | 12.75                     | 7.838             |                    |           |
| 3,000.00                                               | 3,000.00              | 2,999.40              | 2,999.40              | 6.60             | 6.60          | -90.38                | -0.67                  | -99.97       | 99.97                  | 86.77                   | 13.20                     | 7.572             |                    |           |
| 3,100.00                                               | 3,100.00              | 3,099.40              | 3,099.40              | 6.83             | 6.83          | -90.38                | -0.67                  | -99.97       | 99.97                  | 86.32                   | 13.65                     | 7.322             |                    |           |
| 3,200.00                                               | 3,200.00              | 3,199.40              | 3,199.40              | 7.05             | 7.05          | -90.38                | -0.67                  | -99.97       | 99.97                  | 85.87                   | 14.10                     | 7.089             |                    |           |
| 3,300.00                                               | 3,300.00              | 3,299.40              | 3,299.40              | 7.28             | 7.28          | -90.38                | -0.67                  | -99.97       | 99.97                  | 85.42                   | 14.55                     | 6.870             |                    |           |
| 3,400.00                                               | 3,400.00              | 3,399.40              | 3,399.40              | 7.50             | 7.50          | -90.38                | -0.67                  | -99.97       | 99.97                  | 84.97                   | 15.00                     | 6.664             |                    |           |
| 3,500.00                                               | 3,500.00              | 3,499.40              | 3,499.40              | 7.73             | 7.72          | -90.38                | -0.67                  | -99.97       | 99.97                  | 84.52                   | 15.45                     | 6.470 CC, ES      |                    |           |
| 3,600.00                                               | 3,600.00              | 3,599.40              | 3,599.40              | 7.94             | 7.95          | 179.62                | -0.67                  | -99.97       | 100.71                 | 84.83                   | 15.89                     | 6.340             |                    |           |
| 3,700.00                                               | 3,699.96              | 3,699.36              | 3,699.36              | 8.14             | 8.17          | 179.63                | -0.67                  | -99.97       | 103.19                 | 86.89                   | 16.30                     | 6.331             |                    |           |
| 3,800.00                                               | 3,799.87              | 3,799.27              | 3,799.27              | 8.34             | 8.40          | 179.64                | -0.67                  | -99.97       | 107.41                 | 90.70                   | 16.71                     | 6.428             |                    |           |
| 3,900.00                                               | 3,899.69              | 3,899.09              | 3,899.09              | 8.54             | 8.62          | 179.66                | -0.67                  | -99.97       | 113.38                 | 96.26                   | 17.12                     | 6.623             |                    |           |
| 4,000.00                                               | 3,999.40              | 3,998.80              | 3,998.80              | 8.75             | 8.85          | 179.68                | -0.67                  | -99.97       | 121.08                 | 103.56                  | 17.52                     | 6.911             |                    |           |
| 4,100.00                                               | 4,098.95              | 4,098.35              | 4,098.35              | 8.96             | 9.07          | 179.70                | -0.67                  | -99.97       | 130.53                 | 112.61                  | 17.92                     | 7.285             |                    |           |
| 4,200.00                                               | 4,198.40              | 4,197.80              | 4,197.80              | 9.18             | 9.29          | 179.73                | -0.67                  | -99.97       | 140.98                 | 122.63                  | 18.34                     | 7.686             |                    |           |
| 4,300.00                                               | 4,297.85              | 4,297.25              | 4,297.25              | 9.40             | 9.52          | 179.75                | -0.67                  | -99.97       | 151.43                 | 132.66                  | 18.77                     | 8.068             |                    |           |
| 4,400.00                                               | 4,397.30              | 4,396.70              | 4,396.70              | 9.63             | 9.74          | 179.76                | -0.67                  | -99.97       | 161.88                 | 142.68                  | 19.20                     | 8.432             |                    |           |
| 4,500.00                                               | 4,496.76              | 4,496.16              | 4,496.16              | 9.86             | 9.97          | 179.78                | -0.67                  | -99.97       | 172.33                 | 152.70                  | 19.63                     | 8.779             |                    |           |
| 4,600.00                                               | 4,596.21              | 4,595.61              | 4,595.61              | 10.09            | 10.19         | 179.79                | -0.67                  | -99.97       | 182.79                 | 162.72                  | 20.06                     | 9.111             |                    |           |
| 4,700.00                                               | 4,695.66              | 4,695.06              | 4,695.06              | 10.33            | 10.41         | 179.80                | -0.67                  | -99.97       | 193.24                 | 172.74                  | 20.50                     | 9.429             |                    |           |
| 4,800.00                                               | 4,795.11              | 4,794.51              | 4,794.51              | 10.57            | 10.64         | 179.81                | -0.67                  | -99.97       | 203.69                 | 182.76                  | 20.93                     | 9.732             |                    |           |
| 4,900.00                                               | 4,894.57              | 4,893.97              | 4,893.97              | 10.81            | 10.86         | 179.82                | -0.67                  | -99.97       | 214.14                 | 192.78                  | 21.37                     | 10.023            |                    |           |
| 5,000.00                                               | 4,994.02              | 4,993.42              | 4,993.42              | 11.06            | 11.08         | 179.83                | -0.67                  | -99.97       | 224.60                 | 202.80                  | 21.80                     | 10.302            |                    |           |
| 5,100.00                                               | 5,093.47              | 5,092.87              | 5,092.87              | 11.30            | 11.31         | 179.84                | -0.67                  | -99.97       | 235.05                 | 212.81                  | 22.24                     | 10.569            |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 1H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Reference                                              |                       | Offset                |                       | Semi Major Axis  |               | Distance              |                                     | Warning      |                        |                         |                           |                   |                    |           |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |           |
| 5,200.00                                               | 5,192.92              | 5,192.32              | 5,192.32              | 11.55            | 11.53         | 179.84                | -0.67                               | -99.97       | 245.50                 | 222.83                  | 22.68                     | 10.826            |                    |           |
| 5,300.00                                               | 5,292.37              | 5,291.77              | 5,291.77              | 11.80            | 11.75         | 179.85                | -0.67                               | -99.97       | 255.96                 | 232.84                  | 23.12                     | 11.073            |                    |           |
| 5,400.00                                               | 5,391.83              | 5,387.17              | 5,387.16              | 12.06            | 11.96         | 179.86                | -0.67                               | -100.83      | 267.10                 | 243.57                  | 23.53                     | 11.349            |                    |           |
| 5,500.00                                               | 5,491.28              | 5,481.83              | 5,481.80              | 12.31            | 12.14         | 179.86                | -0.67                               | -102.85      | 279.89                 | 255.95                  | 23.94                     | 11.691            |                    |           |
| 5,600.00                                               | 5,590.73              | 5,576.06              | 5,575.96              | 12.57            | 12.33         | 179.87                | -0.67                               | -106.62      | 294.31                 | 269.96                  | 24.34                     | 12.090            |                    |           |
| 5,700.00                                               | 5,690.18              | 5,669.82              | 5,669.57              | 12.83            | 12.52         | 179.87                | -0.67                               | -111.90      | 310.34                 | 285.60                  | 24.75                     | 12.540            |                    |           |
| 5,800.00                                               | 5,789.64              | 5,763.06              | 5,762.56              | 13.09            | 12.71         | 179.88                | -0.67                               | -118.67      | 327.99                 | 302.84                  | 25.15                     | 13.040            |                    |           |
| 5,900.00                                               | 5,889.09              | 5,855.73              | 5,854.86              | 13.35            | 12.90         | 179.89                | -0.67                               | -126.90      | 347.23                 | 321.68                  | 25.56                     | 13.587            |                    |           |
| 6,000.00                                               | 5,988.54              | 5,950.86              | 5,949.49              | 13.61            | 13.11         | 179.89                | -0.67                               | -136.67      | 367.84                 | 341.88                  | 25.97                     | 14.166            |                    |           |
| 6,100.00                                               | 6,087.99              | 6,048.68              | 6,046.77              | 13.87            | 13.32         | 179.90                | -0.67                               | -146.90      | 388.64                 | 362.25                  | 26.38                     | 14.731            |                    |           |
| 6,200.00                                               | 6,187.44              | 6,146.49              | 6,144.05              | 14.14            | 13.53         | 179.90                | -0.67                               | -157.12      | 409.43                 | 382.63                  | 26.80                     | 15.278            |                    |           |
| 6,300.00                                               | 6,286.90              | 6,244.31              | 6,241.33              | 14.40            | 13.75         | 179.91                | -0.67                               | -167.35      | 430.22                 | 403.00                  | 27.22                     | 15.806            |                    |           |
| 6,400.00                                               | 6,386.35              | 6,342.12              | 6,338.61              | 14.67            | 13.96         | 179.91                | -0.67                               | -177.57      | 451.01                 | 423.37                  | 27.64                     | 16.318            |                    |           |
| 6,500.00                                               | 6,485.80              | 6,439.94              | 6,435.88              | 14.94            | 14.19         | 179.92                | -0.67                               | -187.80      | 471.80                 | 443.74                  | 28.06                     | 16.814            |                    |           |
| 6,600.00                                               | 6,585.25              | 6,537.75              | 6,533.16              | 15.21            | 14.41         | 179.92                | -0.67                               | -198.02      | 492.59                 | 464.11                  | 28.48                     | 17.294            |                    |           |
| 6,700.00                                               | 6,684.70              | 6,635.57              | 6,630.44              | 15.48            | 14.63         | 179.92                | -0.67                               | -208.24      | 513.38                 | 484.47                  | 28.91                     | 17.759            |                    |           |
| 6,800.00                                               | 6,784.16              | 6,733.38              | 6,727.72              | 15.75            | 14.86         | 179.93                | -0.67                               | -218.47      | 534.17                 | 504.84                  | 29.33                     | 18.210            |                    |           |
| 6,900.00                                               | 6,883.61              | 6,831.20              | 6,825.00              | 16.02            | 15.09         | 179.93                | -0.67                               | -228.69      | 554.97                 | 525.20                  | 29.76                     | 18.648            |                    |           |
| 7,000.00                                               | 6,983.06              | 6,929.01              | 6,922.28              | 16.29            | 15.32         | 179.93                | -0.67                               | -238.92      | 575.76                 | 545.57                  | 30.19                     | 19.072            |                    |           |
| 7,100.00                                               | 7,082.51              | 7,026.83              | 7,019.56              | 16.56            | 15.56         | 179.93                | -0.67                               | -249.14      | 596.55                 | 565.93                  | 30.62                     | 19.484            |                    |           |
| 7,200.00                                               | 7,181.97              | 7,124.64              | 7,116.84              | 16.84            | 15.79         | 179.94                | -0.67                               | -259.37      | 617.34                 | 586.29                  | 31.05                     | 19.883            |                    |           |
| 7,300.00                                               | 7,281.42              | 7,224.37              | 7,216.02              | 17.11            | 16.02         | 179.94                | -0.67                               | -269.74      | 638.08                 | 606.60                  | 31.48                     | 20.270            |                    |           |
| 7,400.00                                               | 7,380.87              | 7,328.21              | 7,319.38              | 17.38            | 16.24         | 179.94                | -0.67                               | -279.82      | 658.14                 | 626.23                  | 31.91                     | 20.625            |                    |           |
| 7,500.00                                               | 7,480.32              | 7,432.43              | 7,423.19              | 17.66            | 16.47         | 179.94                | -0.67                               | -288.99      | 677.30                 | 644.96                  | 32.34                     | 20.943            |                    |           |
| 7,600.00                                               | 7,579.81              | 7,537.08              | 7,527.52              | 17.91            | 16.69         | 179.94                | -0.67                               | -297.25      | 695.20                 | 662.43                  | 32.78                     | 21.210            |                    |           |
| 7,700.00                                               | 7,679.39              | 7,642.22              | 7,632.40              | 18.13            | 16.91         | 179.95                | -0.67                               | -304.58      | 711.35                 | 678.15                  | 33.20                     | 21.427            |                    |           |
| 7,800.00                                               | 7,779.04              | 7,747.81              | 7,737.79              | 18.35            | 17.13         | 179.95                | -0.67                               | -310.98      | 725.73                 | 692.11                  | 33.62                     | 21.586            |                    |           |
| 7,900.00                                               | 7,878.76              | 7,853.78              | 7,843.62              | 18.56            | 17.35         | 179.95                | -0.67                               | -316.43      | 738.32                 | 704.28                  | 34.04                     | 21.690            |                    |           |
| 8,000.00                                               | 7,978.54              | 7,960.09              | 7,949.84              | 18.77            | 17.56         | 179.95                | -0.67                               | -320.91      | 749.13                 | 714.67                  | 34.46                     | 21.739            |                    |           |
| 8,100.00                                               | 8,078.37              | 8,066.70              | 8,056.38              | 18.98            | 17.78         | 179.95                | -0.67                               | -324.41      | 758.15                 | 723.27                  | 34.88                     | 21.738            |                    |           |
| 8,200.00                                               | 8,178.25              | 8,173.54              | 8,163.20              | 19.18            | 18.00         | 179.95                | -0.67                               | -326.93      | 765.37                 | 730.07                  | 35.29                     | 21.686            |                    |           |
| 8,300.00                                               | 8,278.17              | 8,280.57              | 8,270.21              | 19.38            | 18.21         | 179.95                | -0.67                               | -328.45      | 770.78                 | 735.07                  | 35.71                     | 21.586            |                    |           |
| 8,400.00                                               | 8,378.12              | 8,387.72              | 8,377.37              | 19.57            | 18.41         | 179.95                | -0.67                               | -328.97      | 774.39                 | 738.28                  | 36.11                     | 21.444            |                    |           |
| 8,500.00                                               | 8,478.10              | 8,487.85              | 8,477.50              | 19.76            | 18.63         | 179.95                | -0.67                               | -328.97      | 776.64                 | 740.12                  | 36.53                     | 21.262            |                    |           |
| 8,600.00                                               | 8,578.09              | 8,587.84              | 8,577.49              | 19.95            | 18.85         | 179.95                | -0.67                               | -328.97      | 778.02                 | 741.08                  | 36.94                     | 21.061            |                    |           |
| 8,700.00                                               | 8,678.09              | 8,687.84              | 8,677.49              | 20.13            | 19.06         | 179.95                | -0.67                               | -328.97      | 778.53                 | 741.18                  | 37.35                     | 20.843            |                    |           |
| 8,800.00                                               | 8,778.09              | 8,787.84              | 8,777.49              | 20.31            | 19.28         | -90.05                | -0.67                               | -328.97      | 778.53                 | 740.76                  | 37.78                     | 20.609            |                    |           |
| 8,900.00                                               | 8,878.09              | 8,887.84              | 8,877.49              | 20.52            | 19.50         | -90.05                | -0.67                               | -328.97      | 778.53                 | 740.32                  | 38.21                     | 20.374            |                    |           |
| 9,000.00                                               | 8,977.69              | 8,987.08              | 8,976.39              | 20.72            | 19.72         | -90.36                | 5.87                                | -329.02      | 778.62                 | 739.98                  | 38.64                     | 20.150            |                    |           |
| 9,100.00                                               | 9,074.51              | 9,086.35              | 9,072.75              | 20.92            | 19.94         | -90.41                | 29.23                               | -329.21      | 778.92                 | 739.85                  | 39.07                     | 19.938            |                    |           |
| 9,200.00                                               | 9,165.61              | 9,185.80              | 9,163.79              | 21.13            | 20.16         | -90.44                | 68.94                               | -329.52      | 779.43                 | 739.92                  | 39.51                     | 19.727            |                    |           |
| 9,300.00                                               | 9,248.21              | 9,285.45              | 9,246.77              | 21.35            | 20.40         | -90.45                | 123.90                              | -329.95      | 780.13                 | 740.10                  | 40.02                     | 19.492            |                    |           |
| 9,400.00                                               | 9,319.81              | 9,385.31              | 9,319.11              | 21.60            | 20.68         | -90.46                | 192.55                              | -330.49      | 780.99                 | 740.33                  | 40.66                     | 19.208            |                    |           |
| 9,500.00                                               | 9,378.23              | 9,485.38              | 9,378.57              | 21.92            | 21.06         | -90.45                | 272.88                              | -331.11      | 782.01                 | 740.53                  | 41.48                     | 18.853            |                    |           |
| 9,600.00                                               | 9,421.70              | 9,585.67              | 9,423.24              | 22.36            | 21.55         | -90.42                | 362.52                              | -331.82      | 783.13                 | 740.61                  | 42.52                     | 18.417            |                    |           |
| 9,700.00                                               | 9,448.90              | 9,686.16              | 9,451.67              | 22.94            | 22.17         | -90.39                | 458.77                              | -332.57      | 784.34                 | 740.53                  | 43.81                     | 17.905            |                    |           |
| 9,800.00                                               | 9,458.99              | 9,786.84              | 9,462.86              | 23.65            | 22.91         | -90.34                | 558.70                              | -333.35      | 785.58                 | 740.27                  | 45.31                     | 17.337            |                    |           |
| 9,900.00                                               | 9,458.30              | 9,886.98              | 9,462.33              | 24.47            | 23.75         | -90.33                | 658.83                              | -334.14      | 786.83                 | 739.81                  | 47.03                     | 16.732            |                    |           |
| 10,000.00                                              | 9,457.48              | 9,986.97              | 9,461.50              | 25.40            | 24.70         | -90.33                | 758.81                              | -334.92      | 788.08                 | 739.14                  | 48.95                     | 16.101            |                    |           |
| 10,100.00                                              | 9,456.65              | 10,086.96             | 9,460.67              | 26.43            | 25.74         | -90.33                | 858.80                              | -335.70      | 789.33                 | 738.28                  | 51.06                     | 15.460            |                    |           |
| 10,200.00                                              | 9,455.83              | 10,186.96             | 9,459.85              | 27.54            | 26.87         | -90.33                | 958.78                              | -336.48      | 790.58                 | 737.25                  | 53.33                     | 14.824            |                    |           |
| 10,300.00                                              | 9,455.00              | 10,286.95             | 9,459.02              | 28.73            | 28.06         | -90.33                | 1,058.77                            | -337.27      | 791.83                 | 736.08                  | 55.75                     | 14.202            |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 1H - OH - Plan #1 |                             |                             |                             |                     |                  |                             |                                           |                 |                              |                               |                                 |                      | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                         |                             |                             |                             |                     |                  |                             |                                           |                 |                              |                               |                                 |                      | Offset Well Error: | 0.00 usft |
| Reference                                              |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Distance                                  |                 | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |           |
| Measured<br>Depth<br>(usft)                            | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | Offset Wellbore Centre<br>+N/-S<br>(usft) | +E/-W<br>(usft) |                              |                               |                                 |                      |                    |           |
| 10,400.00                                              | 9,454.18                    | 10,386.94                   | 9,458.20                    | 29.97               | 29.33            | -90.33                      | 1,158.76                                  | -338.05         | 793.08                       | 734.78                        | 58.30                           | 13.603               |                    |           |
| 10,500.00                                              | 9,453.35                    | 10,486.93                   | 9,457.37                    | 31.28               | 30.65            | -90.33                      | 1,258.74                                  | -338.83         | 794.33                       | 733.37                        | 60.96                           | 13.030               |                    |           |
| 10,600.00                                              | 9,452.53                    | 10,586.93                   | 9,456.55                    | 32.63               | 32.02            | -90.33                      | 1,358.73                                  | -339.61         | 795.58                       | 731.86                        | 63.72                           | 12.485               |                    |           |
| 10,700.00                                              | 9,451.70                    | 10,686.92                   | 9,455.72                    | 34.03               | 33.43            | -90.33                      | 1,458.71                                  | -340.40         | 796.83                       | 730.26                        | 66.57                           | 11.971               |                    |           |
| 10,800.00                                              | 9,450.88                    | 10,786.91                   | 9,454.89                    | 35.46               | 34.88            | -90.33                      | 1,558.70                                  | -341.18         | 798.08                       | 728.59                        | 69.48                           | 11.486               |                    |           |
| 10,900.00                                              | 9,450.05                    | 10,886.90                   | 9,454.07                    | 36.93               | 36.36            | -90.33                      | 1,658.68                                  | -341.96         | 799.33                       | 726.86                        | 72.47                           | 11.030               |                    |           |
| 11,000.00                                              | 9,449.22                    | 10,986.89                   | 9,453.24                    | 38.43               | 37.88            | -90.32                      | 1,758.67                                  | -342.75         | 800.58                       | 725.06                        | 75.51                           | 10.602               |                    |           |
| 11,100.00                                              | 9,448.40                    | 11,086.89                   | 9,452.42                    | 39.96               | 39.42            | -90.32                      | 1,858.66                                  | -343.53         | 801.83                       | 723.22                        | 78.61                           | 10.200               |                    |           |
| 11,200.00                                              | 9,447.57                    | 11,186.88                   | 9,451.59                    | 41.51               | 40.98            | -90.32                      | 1,958.64                                  | -344.31         | 803.08                       | 721.33                        | 81.75                           | 9.824                |                    |           |
| 11,300.00                                              | 9,446.75                    | 11,286.87                   | 9,450.77                    | 43.08               | 42.57            | -90.32                      | 2,058.63                                  | -345.09         | 804.32                       | 719.40                        | 84.93                           | 9.471                |                    |           |
| 11,400.00                                              | 9,445.92                    | 11,386.86                   | 9,449.94                    | 44.67               | 44.17            | -90.32                      | 2,158.61                                  | -345.88         | 805.57                       | 717.43                        | 88.14                           | 9.139                |                    |           |
| 11,500.00                                              | 9,445.10                    | 11,486.86                   | 9,449.11                    | 46.28               | 45.79            | -90.32                      | 2,258.60                                  | -346.66         | 806.82                       | 715.43                        | 91.39                           | 8.828                |                    |           |
| 11,600.00                                              | 9,444.27                    | 11,586.85                   | 9,448.29                    | 47.90               | 47.43            | -90.32                      | 2,358.58                                  | -347.44         | 808.07                       | 713.40                        | 94.67                           | 8.535                |                    |           |
| 11,700.00                                              | 9,443.45                    | 11,686.84                   | 9,447.46                    | 49.54               | 49.08            | -90.32                      | 2,458.57                                  | -348.22         | 809.32                       | 711.35                        | 97.98                           | 8.260                |                    |           |
| 11,800.00                                              | 9,442.62                    | 11,786.83                   | 9,446.64                    | 51.19               | 50.74            | -90.32                      | 2,558.56                                  | -349.01         | 810.57                       | 709.27                        | 101.30                          | 8.001                |                    |           |
| 11,900.00                                              | 9,441.80                    | 11,886.82                   | 9,445.81                    | 52.85               | 52.41            | -90.32                      | 2,658.54                                  | -349.79         | 811.82                       | 707.17                        | 104.65                          | 7.757                |                    |           |
| 12,000.00                                              | 9,440.97                    | 11,986.82                   | 9,444.99                    | 54.52               | 54.09            | -90.32                      | 2,758.53                                  | -350.57         | 813.07                       | 705.05                        | 108.02                          | 7.527                |                    |           |
| 12,100.00                                              | 9,440.14                    | 12,086.81                   | 9,444.16                    | 56.20               | 55.78            | -90.32                      | 2,858.51                                  | -351.35         | 814.32                       | 702.91                        | 111.41                          | 7.309                |                    |           |
| 12,200.00                                              | 9,439.32                    | 12,186.80                   | 9,443.33                    | 57.89               | 57.48            | -90.32                      | 2,958.50                                  | -352.14         | 815.57                       | 700.76                        | 114.81                          | 7.104                |                    |           |
| 12,300.00                                              | 9,438.49                    | 12,286.79                   | 9,442.51                    | 59.58               | 59.18            | -90.32                      | 3,058.48                                  | -352.92         | 816.82                       | 698.59                        | 118.22                          | 6.909                |                    |           |
| 12,400.00                                              | 9,437.67                    | 12,386.79                   | 9,441.68                    | 61.29               | 60.90            | -90.32                      | 3,158.47                                  | -353.70         | 818.07                       | 696.41                        | 121.65                          | 6.724                |                    |           |
| 12,500.00                                              | 9,436.84                    | 12,486.78                   | 9,440.86                    | 63.00               | 62.62            | -90.32                      | 3,258.46                                  | -354.48         | 819.32                       | 694.22                        | 125.10                          | 6.549                |                    |           |
| 12,600.00                                              | 9,436.02                    | 12,586.77                   | 9,440.03                    | 64.71               | 64.34            | -90.32                      | 3,358.44                                  | -355.27         | 820.57                       | 692.02                        | 128.55                          | 6.383                |                    |           |
| 12,700.00                                              | 9,435.19                    | 12,686.76                   | 9,439.21                    | 66.43               | 66.07            | -90.32                      | 3,458.43                                  | -356.05         | 821.81                       | 689.80                        | 132.01                          | 6.225                |                    |           |
| 12,800.00                                              | 9,434.37                    | 12,786.75                   | 9,438.38                    | 68.16               | 67.81            | -90.32                      | 3,558.41                                  | -356.83         | 823.06                       | 687.58                        | 135.49                          | 6.075                |                    |           |
| 12,900.00                                              | 9,433.54                    | 12,886.75                   | 9,437.55                    | 69.89               | 69.55            | -90.31                      | 3,658.40                                  | -357.62         | 824.31                       | 685.34                        | 138.97                          | 5.932                |                    |           |
| 13,000.00                                              | 9,432.72                    | 12,986.74                   | 9,436.73                    | 71.63               | 71.29            | -90.31                      | 3,758.38                                  | -358.40         | 825.56                       | 683.10                        | 142.46                          | 5.795                |                    |           |
| 13,100.00                                              | 9,431.89                    | 13,086.73                   | 9,435.90                    | 73.37               | 73.04            | -90.31                      | 3,858.37                                  | -359.18         | 826.81                       | 680.85                        | 145.96                          | 5.665                |                    |           |
| 13,200.00                                              | 9,431.06                    | 13,186.72                   | 9,435.08                    | 75.11               | 74.79            | -90.31                      | 3,958.36                                  | -359.96         | 828.06                       | 678.60                        | 149.46                          | 5.540                |                    |           |
| 13,300.00                                              | 9,430.24                    | 13,286.72                   | 9,434.25                    | 76.86               | 76.55            | -90.31                      | 4,058.34                                  | -360.75         | 829.31                       | 676.34                        | 152.98                          | 5.421                |                    |           |
| 13,400.00                                              | 9,429.41                    | 13,386.71                   | 9,433.43                    | 78.61               | 78.31            | -90.31                      | 4,158.33                                  | -361.53         | 830.56                       | 674.07                        | 156.49                          | 5.307                |                    |           |
| 13,500.00                                              | 9,428.59                    | 13,486.70                   | 9,432.60                    | 80.37               | 80.07            | -90.31                      | 4,258.31                                  | -362.31         | 831.81                       | 671.79                        | 160.02                          | 5.198                |                    |           |
| 13,600.00                                              | 9,427.76                    | 13,586.69                   | 9,431.77                    | 82.12               | 81.83            | -90.31                      | 4,358.30                                  | -363.09         | 833.06                       | 669.51                        | 163.55                          | 5.094                |                    |           |
| 13,700.00                                              | 9,426.94                    | 13,686.68                   | 9,430.95                    | 83.88               | 83.60            | -90.31                      | 4,458.28                                  | -363.88         | 834.31                       | 667.23                        | 167.08                          | 4.993                |                    |           |
| 13,800.00                                              | 9,426.11                    | 13,786.68                   | 9,430.12                    | 85.65               | 85.37            | -90.31                      | 4,558.27                                  | -364.66         | 835.56                       | 664.94                        | 170.62                          | 4.897                |                    |           |
| 13,900.00                                              | 9,425.29                    | 13,886.67                   | 9,429.30                    | 87.41               | 87.14            | -90.31                      | 4,658.26                                  | -365.44         | 836.81                       | 662.64                        | 174.16                          | 4.805                |                    |           |
| 14,000.00                                              | 9,424.46                    | 13,986.66                   | 9,428.47                    | 89.18               | 88.92            | -90.31                      | 4,758.24                                  | -366.22         | 838.06                       | 660.34                        | 177.71                          | 4.716                |                    |           |
| 14,100.00                                              | 9,423.64                    | 14,086.65                   | 9,427.65                    | 90.95               | 90.69            | -90.31                      | 4,858.23                                  | -367.01         | 839.30                       | 658.04                        | 181.26                          | 4.630                |                    |           |
| 14,200.00                                              | 9,422.81                    | 14,186.64                   | 9,426.82                    | 92.72               | 92.47            | -90.31                      | 4,958.21                                  | -367.79         | 840.55                       | 655.74                        | 184.82                          | 4.548                |                    |           |
| 14,300.00                                              | 9,421.99                    | 14,286.64                   | 9,425.99                    | 94.49               | 94.25            | -90.31                      | 5,058.20                                  | -368.57         | 841.80                       | 653.43                        | 188.38                          | 4.469                |                    |           |
| 14,400.00                                              | 9,421.16                    | 14,386.63                   | 9,425.17                    | 96.27               | 96.03            | -90.31                      | 5,158.18                                  | -369.36         | 843.05                       | 651.11                        | 191.94                          | 4.392                |                    |           |
| 14,500.00                                              | 9,420.33                    | 14,486.62                   | 9,424.34                    | 98.04               | 97.81            | -90.31                      | 5,258.17                                  | -370.14         | 844.30                       | 648.80                        | 195.50                          | 4.319                |                    |           |
| 14,600.00                                              | 9,419.51                    | 14,586.61                   | 9,423.52                    | 99.82               | 99.60            | -90.31                      | 5,358.16                                  | -370.92         | 845.55                       | 646.48                        | 199.07                          | 4.247                |                    |           |
| 14,700.00                                              | 9,418.68                    | 14,686.61                   | 9,422.69                    | 101.60              | 101.38           | -90.31                      | 5,458.14                                  | -371.70         | 846.80                       | 644.16                        | 202.64                          | 4.179                |                    |           |
| 14,800.00                                              | 9,417.86                    | 14,786.60                   | 9,421.87                    | 103.38              | 103.17           | -90.31                      | 5,558.13                                  | -372.49         | 848.05                       | 641.83                        | 206.22                          | 4.112                |                    |           |
| 14,900.00                                              | 9,417.03                    | 14,886.59                   | 9,421.04                    | 105.17              | 104.96           | -90.30                      | 5,658.11                                  | -373.27         | 849.30                       | 639.51                        | 209.79                          | 4.048                |                    |           |
| 15,000.00                                              | 9,416.21                    | 14,986.58                   | 9,420.21                    | 106.95              | 106.75           | -90.30                      | 5,758.10                                  | -374.05         | 850.55                       | 637.18                        | 213.37                          | 3.986                |                    |           |
| 15,100.00                                              | 9,415.38                    | 15,086.57                   | 9,419.39                    | 108.74              | 108.54           | -90.30                      | 5,858.08                                  | -374.83         | 851.80                       | 634.85                        | 216.95                          | 3.926                |                    |           |
| 15,200.00                                              | 9,414.56                    | 15,186.57                   | 9,418.56                    | 110.52              | 110.33           | -90.30                      | 5,958.07                                  | -375.62         | 853.05                       | 632.51                        | 220.53                          | 3.868                |                    |           |
| 15,300.00                                              | 9,413.73                    | 15,286.56                   | 9,417.74                    | 112.31              | 112.13           | -90.30                      | 6,058.06                                  | -376.40         | 854.30                       | 630.18                        | 224.12                          | 3.812                |                    |           |
| 15,400.00                                              | 9,412.91                    | 15,386.55                   | 9,416.91                    | 114.10              | 113.92           | -90.30                      | 6,158.04                                  | -377.18         | 855.55                       | 627.84                        | 227.71                          | 3.757                |                    |           |
| 15,500.00                                              | 9,412.08                    | 15,486.54                   | 9,416.09                    | 115.89              | 115.72           | -90.30                      | 6,258.03                                  | -377.96         | 856.79                       | 625.50                        | 231.29                          | 3.704                |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 1H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: 0.00 usft |  |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------|--|
| Survey Program: 0-LEAM MWD-ADJ                         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: 0.00 usft |  |
| Reference                                              |                       | Offset                |                       | Semi Major Axis  |               | Distance              |                                     |              |                        |                         |                           |                   |                              |  |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                      |  |
| 15,600.00                                              | 9,411.25              | 15,586.54             | 9,415.26              | 117.68           | 117.51        | -90.30                | 6,358.01                            | -378.75      | 858.04                 | 623.16                  | 234.89                    | 3.653             |                              |  |
| 15,700.00                                              | 9,410.43              | 15,686.53             | 9,414.43              | 119.47           | 119.31        | -90.30                | 6,458.00                            | -379.53      | 859.29                 | 620.82                  | 238.48                    | 3.603             |                              |  |
| 15,800.00                                              | 9,409.60              | 15,786.52             | 9,413.61              | 121.26           | 121.11        | -90.30                | 6,557.98                            | -380.31      | 860.54                 | 618.47                  | 242.07                    | 3.555             |                              |  |
| 15,900.00                                              | 9,408.78              | 15,886.51             | 9,412.78              | 123.06           | 122.91        | -90.30                | 6,657.97                            | -381.10      | 861.79                 | 616.12                  | 245.67                    | 3.508             |                              |  |
| 16,000.00                                              | 9,407.95              | 15,986.50             | 9,411.96              | 124.85           | 124.71        | -90.30                | 6,757.96                            | -381.88      | 863.04                 | 613.78                  | 249.26                    | 3.462             |                              |  |
| 16,100.00                                              | 9,407.13              | 16,086.50             | 9,411.13              | 126.65           | 126.51        | -90.30                | 6,857.94                            | -382.66      | 864.29                 | 611.43                  | 252.86                    | 3.418             |                              |  |
| 16,200.00                                              | 9,406.30              | 16,186.49             | 9,410.31              | 128.44           | 128.31        | -90.30                | 6,957.93                            | -383.44      | 865.54                 | 609.08                  | 256.46                    | 3.375             |                              |  |
| 16,300.00                                              | 9,405.48              | 16,286.48             | 9,409.48              | 130.24           | 130.11        | -90.30                | 7,057.91                            | -384.23      | 866.79                 | 606.73                  | 260.06                    | 3.333             |                              |  |
| 16,400.00                                              | 9,404.65              | 16,386.47             | 9,408.65              | 132.04           | 131.91        | -90.30                | 7,157.90                            | -385.01      | 868.04                 | 604.37                  | 263.67                    | 3.292             |                              |  |
| 16,500.00                                              | 9,403.83              | 16,486.47             | 9,407.83              | 133.83           | 133.71        | -90.30                | 7,257.88                            | -385.79      | 869.29                 | 602.02                  | 267.27                    | 3.252             |                              |  |
| 16,600.00                                              | 9,403.00              | 16,586.46             | 9,407.00              | 135.63           | 135.52        | -90.30                | 7,357.87                            | -386.57      | 870.54                 | 599.66                  | 270.87                    | 3.214             |                              |  |
| 16,700.00                                              | 9,402.17              | 16,686.45             | 9,406.18              | 137.43           | 137.32        | -90.30                | 7,457.86                            | -387.36      | 871.79                 | 597.31                  | 274.48                    | 3.176             |                              |  |
| 16,800.00                                              | 9,401.35              | 16,786.44             | 9,405.35              | 139.23           | 139.13        | -90.30                | 7,557.84                            | -388.14      | 873.04                 | 594.95                  | 278.09                    | 3.139             |                              |  |
| 16,900.00                                              | 9,400.52              | 16,886.43             | 9,404.53              | 141.03           | 140.93        | -90.30                | 7,657.83                            | -388.92      | 874.28                 | 592.59                  | 281.69                    | 3.104             |                              |  |
| 17,000.00                                              | 9,399.70              | 16,986.43             | 9,403.70              | 142.83           | 142.74        | -90.30                | 7,757.81                            | -389.70      | 875.53                 | 590.23                  | 285.30                    | 3.069             |                              |  |
| 17,100.00                                              | 9,398.87              | 17,086.42             | 9,402.87              | 144.63           | 144.54        | -90.29                | 7,857.80                            | -390.49      | 876.78                 | 587.87                  | 288.91                    | 3.035             |                              |  |
| 17,200.00                                              | 9,398.05              | 17,186.41             | 9,402.05              | 146.44           | 146.35        | -90.29                | 7,957.78                            | -391.27      | 878.03                 | 585.51                  | 292.52                    | 3.002             |                              |  |
| 17,300.00                                              | 9,397.22              | 17,286.40             | 9,401.22              | 148.24           | 148.16        | -90.29                | 8,057.77                            | -392.05      | 879.28                 | 583.15                  | 296.14                    | 2.969             |                              |  |
| 17,400.00                                              | 9,396.40              | 17,386.40             | 9,400.40              | 150.04           | 149.96        | -90.29                | 8,157.76                            | -392.84      | 880.53                 | 580.78                  | 299.75                    | 2.938             |                              |  |
| 17,500.00                                              | 9,395.57              | 17,486.39             | 9,399.57              | 151.84           | 151.77        | -90.29                | 8,257.74                            | -393.62      | 881.78                 | 578.42                  | 303.36                    | 2.907             |                              |  |
| 17,600.00                                              | 9,394.75              | 17,586.38             | 9,398.75              | 153.65           | 153.58        | -90.29                | 8,357.73                            | -394.40      | 883.03                 | 576.05                  | 306.98                    | 2.877             |                              |  |
| 17,700.00                                              | 9,393.92              | 17,686.37             | 9,397.92              | 155.45           | 155.39        | -90.29                | 8,457.71                            | -395.18      | 884.28                 | 573.69                  | 310.59                    | 2.847             |                              |  |
| 17,800.00                                              | 9,393.09              | 17,786.36             | 9,397.09              | 157.26           | 157.20        | -90.29                | 8,557.70                            | -395.97      | 885.53                 | 571.32                  | 314.21                    | 2.818             |                              |  |
| 17,900.00                                              | 9,392.27              | 17,886.36             | 9,396.27              | 159.06           | 159.01        | -90.29                | 8,657.68                            | -396.75      | 886.78                 | 568.95                  | 317.82                    | 2.790             |                              |  |
| 18,000.00                                              | 9,391.44              | 17,986.35             | 9,395.44              | 160.87           | 160.82        | -90.29                | 8,757.67                            | -397.53      | 888.03                 | 566.59                  | 321.44                    | 2.763             |                              |  |
| 18,100.00                                              | 9,390.62              | 18,086.34             | 9,394.62              | 162.67           | 162.63        | -90.29                | 8,857.66                            | -398.31      | 889.28                 | 564.22                  | 325.06                    | 2.736             |                              |  |
| 18,200.00                                              | 9,389.79              | 18,186.33             | 9,393.79              | 164.48           | 164.44        | -90.29                | 8,957.64                            | -399.10      | 890.53                 | 561.85                  | 328.68                    | 2.709             |                              |  |
| 18,300.00                                              | 9,388.97              | 18,286.32             | 9,392.97              | 166.28           | 166.25        | -90.29                | 9,057.63                            | -399.88      | 891.77                 | 559.48                  | 332.30                    | 2.684             |                              |  |
| 18,400.00                                              | 9,388.14              | 18,386.32             | 9,392.14              | 168.09           | 168.06        | -90.29                | 9,157.61                            | -400.66      | 893.02                 | 557.11                  | 335.91                    | 2.658             |                              |  |
| 18,500.00                                              | 9,387.32              | 18,486.31             | 9,391.31              | 169.90           | 169.87        | -90.29                | 9,257.60                            | -401.44      | 894.27                 | 554.74                  | 339.53                    | 2.634             |                              |  |
| 18,600.00                                              | 9,386.49              | 18,586.30             | 9,390.49              | 171.71           | 171.68        | -90.29                | 9,357.58                            | -402.23      | 895.52                 | 552.37                  | 343.16                    | 2.610             |                              |  |
| 18,700.00                                              | 9,385.67              | 18,686.29             | 9,389.66              | 173.51           | 173.49        | -90.29                | 9,457.57                            | -403.01      | 896.77                 | 549.99                  | 346.78                    | 2.586             |                              |  |
| 18,800.00                                              | 9,384.84              | 18,786.29             | 9,388.84              | 175.32           | 175.31        | -90.29                | 9,557.56                            | -403.79      | 898.02                 | 547.62                  | 350.40                    | 2.563             |                              |  |
| 18,900.00                                              | 9,384.01              | 18,886.28             | 9,388.01              | 177.13           | 177.12        | -90.29                | 9,657.54                            | -404.58      | 899.27                 | 545.25                  | 354.02                    | 2.540             |                              |  |
| 19,000.00                                              | 9,383.19              | 18,986.27             | 9,387.19              | 178.94           | 178.93        | -90.29                | 9,757.53                            | -405.36      | 900.52                 | 542.88                  | 357.64                    | 2.518             |                              |  |
| 19,100.00                                              | 9,382.36              | 19,086.26             | 9,386.36              | 180.75           | 180.75        | -90.29                | 9,857.51                            | -406.14      | 901.77                 | 540.50                  | 361.27                    | 2.496             |                              |  |
| 19,200.00                                              | 9,381.54              | 19,186.25             | 9,385.53              | 182.56           | 182.56        | -90.29                | 9,957.50                            | -406.92      | 903.02                 | 538.13                  | 364.89                    | 2.475             |                              |  |
| 19,265.21                                              | 9,381.00              | 19,250.99             | 9,385.00              | 183.74           | 183.73        | -90.29                | 10,022.23                           | -407.43      | 903.83                 | 536.59                  | 367.25                    | 2.461 SF          |                              |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 2H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 0.00 usft |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning   |
| 0.00                                                   | 0.00                  | 4.60                  | 4.60                  | 0.00             | 0.00          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               |                         |                           |                    |           |
| 100.00                                                 | 100.00                | 104.60                | 104.60                | 0.08             | 0.09          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,269.54                | 0.18                      | 7,096.829          |           |
| 200.00                                                 | 200.00                | 204.60                | 204.60                | 0.31             | 0.32          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,269.09                | 0.63                      | 2,020.415          |           |
| 300.00                                                 | 300.00                | 304.60                | 304.60                | 0.53             | 0.54          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,268.64                | 1.08                      | 1,177.874          |           |
| 400.00                                                 | 400.00                | 404.60                | 404.60                | 0.76             | 0.77          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,268.19                | 1.53                      | 831.236            |           |
| 500.00                                                 | 500.00                | 504.60                | 504.60                | 0.98             | 0.99          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,267.74                | 1.98                      | 642.233            |           |
| 600.00                                                 | 600.00                | 604.60                | 604.60                | 1.21             | 1.22          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,267.30                | 2.43                      | 523.257            |           |
| 700.00                                                 | 700.00                | 704.60                | 704.60                | 1.43             | 1.44          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,266.85                | 2.88                      | 441.473            |           |
| 800.00                                                 | 800.00                | 804.60                | 804.60                | 1.66             | 1.67          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,266.40                | 3.33                      | 381.798            |           |
| 900.00                                                 | 900.00                | 904.60                | 904.60                | 1.88             | 1.89          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,265.95                | 3.78                      | 336.335            |           |
| 1,000.00                                               | 1,000.00              | 1,004.60              | 1,004.60              | 2.11             | 2.12          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,265.50                | 4.22                      | 300.547            |           |
| 1,100.00                                               | 1,100.00              | 1,104.60              | 1,104.60              | 2.33             | 2.34          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,265.05                | 4.67                      | 271.643            |           |
| 1,200.00                                               | 1,200.00              | 1,204.60              | 1,204.60              | 2.56             | 2.57          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,264.60                | 5.12                      | 247.810            |           |
| 1,300.00                                               | 1,300.00              | 1,304.60              | 1,304.60              | 2.78             | 2.79          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,264.15                | 5.57                      | 227.822            |           |
| 1,400.00                                               | 1,400.00              | 1,404.60              | 1,404.60              | 3.01             | 3.02          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,263.70                | 6.02                      | 210.818            |           |
| 1,500.00                                               | 1,500.00              | 1,504.60              | 1,504.60              | 3.23             | 3.24          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,263.25                | 6.47                      | 196.176            |           |
| 1,600.00                                               | 1,600.00              | 1,604.60              | 1,604.60              | 3.46             | 3.47          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,262.80                | 6.92                      | 183.436            |           |
| 1,700.00                                               | 1,700.00              | 1,704.60              | 1,704.60              | 3.68             | 3.69          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,262.35                | 7.37                      | 172.249            |           |
| 1,800.00                                               | 1,800.00              | 1,804.60              | 1,804.60              | 3.91             | 3.92          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,261.90                | 7.82                      | 162.349            |           |
| 1,900.00                                               | 1,900.00              | 1,904.60              | 1,904.60              | 4.13             | 4.14          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,261.45                | 8.27                      | 153.524            |           |
| 2,000.00                                               | 2,000.00              | 2,004.60              | 2,004.60              | 4.35             | 4.37          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,261.00                | 8.72                      | 145.610            |           |
| 2,100.00                                               | 2,100.00              | 2,104.60              | 2,104.60              | 4.58             | 4.59          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,260.55                | 9.17                      | 138.471            |           |
| 2,200.00                                               | 2,200.00              | 2,204.60              | 2,204.60              | 4.80             | 4.81          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,260.10                | 9.62                      | 132.000            |           |
| 2,300.00                                               | 2,300.00              | 2,304.60              | 2,304.60              | 5.03             | 5.04          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,259.65                | 10.07                     | 126.107            |           |
| 2,400.00                                               | 2,400.00              | 2,404.60              | 2,404.60              | 5.25             | 5.26          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,259.20                | 10.52                     | 120.717            |           |
| 2,500.00                                               | 2,500.00              | 2,504.60              | 2,504.60              | 5.48             | 5.49          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,258.75                | 10.97                     | 115.769            |           |
| 2,600.00                                               | 2,600.00              | 2,604.60              | 2,604.60              | 5.70             | 5.71          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,258.30                | 11.42                     | 111.211            |           |
| 2,700.00                                               | 2,700.00              | 2,704.60              | 2,704.60              | 5.93             | 5.94          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,257.86                | 11.87                     | 106.998            |           |
| 2,800.00                                               | 2,800.00              | 2,804.60              | 2,804.60              | 6.15             | 6.16          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,257.41                | 12.32                     | 103.093            |           |
| 2,900.00                                               | 2,900.00              | 2,904.60              | 2,904.60              | 6.38             | 6.39          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,256.96                | 12.77                     | 99.463             |           |
| 3,000.00                                               | 3,000.00              | 3,004.60              | 3,004.60              | 6.60             | 6.61          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,256.51                | 13.22                     | 96.079             |           |
| 3,100.00                                               | 3,100.00              | 3,104.60              | 3,104.60              | 6.83             | 6.84          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,256.06                | 13.66                     | 92.919             |           |
| 3,200.00                                               | 3,200.00              | 3,204.60              | 3,204.60              | 7.05             | 7.06          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,255.61                | 14.11                     | 89.959             |           |
| 3,300.00                                               | 3,300.00              | 3,304.60              | 3,304.60              | 7.28             | 7.29          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,255.16                | 14.56                     | 87.183             |           |
| 3,400.00                                               | 3,400.00              | 3,404.60              | 3,404.60              | 7.50             | 7.51          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,254.71                | 15.01                     | 84.572             |           |
| 3,500.00                                               | 3,500.00              | 3,504.60              | 3,504.60              | 7.73             | 7.74          | 89.59                 | 9.00                                | 1,269.69     | 1,269.72               | 1,254.26                | 15.46                     | 82.114             |           |
| 3,600.00                                               | 3,600.00              | 3,604.60              | 3,604.60              | 7.94             | 7.96          | -0.41                 | 9.00                                | 1,269.69     | 1,268.98               | 1,253.09                | 15.90                     | 79.825             |           |
| 3,700.00                                               | 3,699.96              | 3,704.56              | 3,704.56              | 8.14             | 8.19          | -0.41                 | 9.00                                | 1,269.69     | 1,266.51               | 1,250.19                | 16.31                     | 77.643             |           |
| 3,800.00                                               | 3,799.87              | 3,804.47              | 3,804.47              | 8.34             | 8.41          | -0.41                 | 9.00                                | 1,269.69     | 1,262.28               | 1,245.56                | 16.72                     | 75.483             |           |
| 3,900.00                                               | 3,899.69              | 3,904.29              | 3,904.29              | 8.54             | 8.64          | -0.41                 | 9.00                                | 1,269.69     | 1,256.32               | 1,239.19                | 17.13                     | 73.342             |           |
| 4,000.00                                               | 3,999.40              | 4,004.00              | 4,004.00              | 8.75             | 8.86          | -0.41                 | 9.00                                | 1,269.69     | 1,248.61               | 1,231.08                | 17.53                     | 71.219             |           |
| 4,100.00                                               | 4,098.95              | 4,103.55              | 4,103.55              | 8.96             | 9.08          | -0.42                 | 9.00                                | 1,269.69     | 1,239.17               | 1,221.24                | 17.93                     | 69.112             |           |
| 4,200.00                                               | 4,198.40              | 4,203.00              | 4,203.00              | 9.18             | 9.31          | -0.42                 | 9.00                                | 1,269.69     | 1,228.72               | 1,210.37                | 18.35                     | 66.947             |           |
| 4,300.00                                               | 4,297.85              | 4,302.45              | 4,302.45              | 9.40             | 9.53          | -0.43                 | 9.00                                | 1,269.69     | 1,218.27               | 1,199.49                | 18.78                     | 64.865             |           |
| 4,400.00                                               | 4,397.30              | 4,401.90              | 4,401.90              | 9.63             | 9.75          | -0.43                 | 9.00                                | 1,269.69     | 1,207.81               | 1,188.60                | 19.21                     | 62.871             |           |
| 4,500.00                                               | 4,496.76              | 4,501.36              | 4,501.36              | 9.86             | 9.98          | -0.43                 | 9.00                                | 1,269.69     | 1,197.36               | 1,177.72                | 19.64                     | 60.960             |           |
| 4,600.00                                               | 4,596.21              | 4,600.81              | 4,600.81              | 10.09            | 10.20         | -0.44                 | 9.00                                | 1,269.69     | 1,186.91               | 1,166.84                | 20.07                     | 59.128             |           |
| 4,700.00                                               | 4,695.66              | 4,700.26              | 4,700.26              | 10.33            | 10.42         | -0.44                 | 9.00                                | 1,269.69     | 1,176.46               | 1,155.95                | 20.51                     | 57.369             |           |
| 4,800.00                                               | 4,795.11              | 4,799.71              | 4,799.71              | 10.57            | 10.65         | -0.44                 | 9.00                                | 1,269.69     | 1,166.00               | 1,145.06                | 20.94                     | 55.680             |           |
| 4,900.00                                               | 4,894.57              | 4,899.17              | 4,899.17              | 10.81            | 10.87         | -0.45                 | 9.00                                | 1,269.69     | 1,155.55               | 1,134.17                | 21.38                     | 54.056             |           |
| 5,000.00                                               | 4,994.02              | 4,998.62              | 4,998.62              | 11.06            | 11.09         | -0.45                 | 9.00                                | 1,269.69     | 1,145.10               | 1,123.29                | 21.81                     | 52.496             |           |
| 5,100.00                                               | 5,093.47              | 5,098.07              | 5,098.07              | 11.30            | 11.32         | -0.46                 | 9.00                                | 1,269.69     | 1,134.65               | 1,112.40                | 22.25                     | 50.994             |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                   |
|---------------------------|-------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>           | DEVON ENERGY            | <b>Local Co-ordinate Reference:</b> | Well 5H                           |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3551.5' GE + 25' KB @ 3576.50usft |
| <b>Reference Site:</b>    | Blue Krait 23-14 Fed    | <b>MD Reference:</b>                | 3551.5' GE + 25' KB @ 3576.50usft |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | 5H                      | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                        |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Single User Db         |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 2H - OH - Plan #1 |                             |                             |                             |                     |                  |                             |                 |                 |                              |                               |                                 |                      | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|-----------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                         |                             |                             |                             |                     |                  |                             |                 |                 |                              |                               |                                 |                      | Offset Well Error: | 0.00 usft |
| Reference                                              |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Distance        |                 | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |           |
| Measured<br>Depth<br>(usft)                            | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft) | +E/-W<br>(usft) |                              |                               |                                 |                      |                    |           |
| 5,200.00                                               | 5,192.92                    | 5,197.52                    | 5,197.52                    | 11.55               | 11.54            | -0.46                       | 9.00            | 1,269.69        | 1,124.19                     | 1,101.50                      | 22.69                           | 49.548               |                    |           |
| 5,300.00                                               | 5,292.37                    | 5,296.97                    | 5,296.97                    | 11.80               | 11.77            | -0.47                       | 9.00            | 1,269.69        | 1,113.74                     | 1,090.61                      | 23.13                           | 48.155               |                    |           |
| 5,400.00                                               | 5,391.83                    | 5,396.43                    | 5,396.43                    | 12.06               | 11.99            | -0.47                       | 9.00            | 1,269.69        | 1,103.29                     | 1,079.72                      | 23.57                           | 46.813               |                    |           |
| 5,500.00                                               | 5,491.28                    | 5,495.88                    | 5,495.88                    | 12.31               | 12.21            | -0.47                       | 9.00            | 1,269.69        | 1,092.84                     | 1,068.83                      | 24.01                           | 45.518               |                    |           |
| 5,600.00                                               | 5,590.73                    | 5,595.33                    | 5,595.33                    | 12.57               | 12.44            | -0.48                       | 9.00            | 1,269.69        | 1,082.38                     | 1,057.93                      | 24.45                           | 44.269               |                    |           |
| 5,700.00                                               | 5,690.18                    | 5,694.78                    | 5,694.78                    | 12.83               | 12.66            | -0.48                       | 9.00            | 1,269.69        | 1,071.93                     | 1,047.04                      | 24.89                           | 43.062               |                    |           |
| 5,800.00                                               | 5,789.64                    | 5,794.24                    | 5,794.24                    | 13.09               | 12.88            | -0.49                       | 9.00            | 1,269.69        | 1,061.48                     | 1,036.14                      | 25.34                           | 41.897               |                    |           |
| 5,900.00                                               | 5,889.09                    | 5,893.69                    | 5,893.69                    | 13.35               | 13.11            | -0.49                       | 9.00            | 1,269.69        | 1,051.03                     | 1,025.25                      | 25.78                           | 40.771               |                    |           |
| 6,000.00                                               | 5,988.54                    | 5,993.14                    | 5,993.14                    | 13.61               | 13.33            | -0.50                       | 9.00            | 1,269.69        | 1,040.57                     | 1,014.35                      | 26.22                           | 39.682               |                    |           |
| 6,100.00                                               | 6,087.99                    | 6,092.59                    | 6,092.59                    | 13.87               | 13.55            | -0.50                       | 9.00            | 1,269.69        | 1,030.12                     | 1,003.45                      | 26.67                           | 38.629               |                    |           |
| 6,200.00                                               | 6,187.44                    | 6,192.04                    | 6,192.04                    | 14.14               | 13.78            | -0.51                       | 9.00            | 1,269.69        | 1,019.67                     | 992.56                        | 27.11                           | 37.609               |                    |           |
| 6,300.00                                               | 6,286.90                    | 6,291.50                    | 6,291.50                    | 14.40               | 14.00            | -0.51                       | 9.00            | 1,269.69        | 1,009.22                     | 981.66                        | 27.56                           | 36.622               |                    |           |
| 6,400.00                                               | 6,386.35                    | 6,390.95                    | 6,390.95                    | 14.67               | 14.22            | -0.52                       | 9.00            | 1,269.69        | 998.76                       | 970.76                        | 28.00                           | 35.665               |                    |           |
| 6,500.00                                               | 6,485.80                    | 6,490.40                    | 6,490.40                    | 14.94               | 14.45            | -0.52                       | 9.00            | 1,269.69        | 988.31                       | 959.86                        | 28.45                           | 34.738               |                    |           |
| 6,600.00                                               | 6,585.25                    | 6,589.85                    | 6,589.85                    | 15.21               | 14.67            | -0.53                       | 9.00            | 1,269.69        | 977.86                       | 948.96                        | 28.90                           | 33.839               |                    |           |
| 6,700.00                                               | 6,684.70                    | 6,689.30                    | 6,689.30                    | 15.48               | 14.89            | -0.54                       | 9.00            | 1,269.69        | 967.41                       | 938.06                        | 29.34                           | 32.967               |                    |           |
| 6,800.00                                               | 6,784.16                    | 6,788.76                    | 6,788.76                    | 15.75               | 15.12            | -0.54                       | 9.00            | 1,269.69        | 956.95                       | 927.16                        | 29.79                           | 32.120               |                    |           |
| 6,900.00                                               | 6,883.61                    | 6,888.21                    | 6,888.21                    | 16.02               | 15.34            | -0.55                       | 9.00            | 1,269.69        | 946.50                       | 916.26                        | 30.24                           | 31.299               |                    |           |
| 7,000.00                                               | 6,983.06                    | 6,987.66                    | 6,987.66                    | 16.29               | 15.57            | -0.55                       | 9.00            | 1,269.69        | 936.05                       | 905.36                        | 30.69                           | 30.501               |                    |           |
| 7,100.00                                               | 7,082.51                    | 7,087.11                    | 7,087.11                    | 16.56               | 15.79            | -0.56                       | 9.00            | 1,269.69        | 925.60                       | 894.46                        | 31.14                           | 29.725               |                    |           |
| 7,200.00                                               | 7,181.97                    | 7,186.57                    | 7,186.57                    | 16.84               | 16.01            | -0.57                       | 9.00            | 1,269.69        | 915.15                       | 883.56                        | 31.59                           | 28.972               |                    |           |
| 7,300.00                                               | 7,281.42                    | 7,286.02                    | 7,286.02                    | 17.11               | 16.24            | -0.57                       | 9.00            | 1,269.69        | 904.69                       | 872.66                        | 32.04                           | 28.239               |                    |           |
| 7,400.00                                               | 7,380.87                    | 7,385.47                    | 7,385.47                    | 17.38               | 16.46            | -0.58                       | 9.00            | 1,269.69        | 894.24                       | 861.75                        | 32.49                           | 27.526               |                    |           |
| 7,500.00                                               | 7,480.32                    | 7,484.92                    | 7,484.92                    | 17.66               | 16.68            | -0.59                       | 9.00            | 1,269.69        | 883.79                       | 850.85                        | 32.94                           | 26.832               |                    |           |
| 7,600.00                                               | 7,579.81                    | 7,584.41                    | 7,584.41                    | 17.91               | 16.91            | -0.59                       | 9.00            | 1,269.69        | 873.70                       | 840.31                        | 33.39                           | 26.166               |                    |           |
| 7,700.00                                               | 7,679.39                    | 7,683.99                    | 7,683.99                    | 18.13               | 17.13            | -0.60                       | 9.00            | 1,269.69        | 864.48                       | 830.66                        | 33.83                           | 25.557               |                    |           |
| 7,800.00                                               | 7,779.04                    | 7,783.64                    | 7,783.64                    | 18.35               | 17.35            | -0.60                       | 9.00            | 1,269.69        | 856.13                       | 821.87                        | 34.26                           | 24.990               |                    |           |
| 7,900.00                                               | 7,878.76                    | 7,883.36                    | 7,883.36                    | 18.56               | 17.58            | -0.61                       | 9.00            | 1,269.69        | 848.65                       | 813.96                        | 34.69                           | 24.463               |                    |           |
| 8,000.00                                               | 7,978.54                    | 7,983.14                    | 7,983.14                    | 18.77               | 17.80            | -0.61                       | 9.00            | 1,269.69        | 842.04                       | 806.92                        | 35.12                           | 23.976               |                    |           |
| 8,100.00                                               | 8,078.37                    | 8,082.97                    | 8,082.97                    | 18.98               | 18.03            | -0.62                       | 9.00            | 1,269.69        | 836.31                       | 800.76                        | 35.55                           | 23.526               |                    |           |
| 8,200.00                                               | 8,178.25                    | 8,182.85                    | 8,182.85                    | 19.18               | 18.25            | -0.62                       | 9.00            | 1,269.69        | 831.44                       | 795.47                        | 35.97                           | 23.113               |                    |           |
| 8,300.00                                               | 8,278.17                    | 8,282.77                    | 8,282.77                    | 19.38               | 18.48            | -0.62                       | 9.00            | 1,269.69        | 827.44                       | 791.05                        | 36.40                           | 22.735               |                    |           |
| 8,400.00                                               | 8,378.12                    | 8,382.72                    | 8,382.72                    | 19.57               | 18.70            | -0.63                       | 9.00            | 1,269.69        | 824.32                       | 787.50                        | 36.82                           | 22.391               |                    |           |
| 8,500.00                                               | 8,478.10                    | 8,482.70                    | 8,482.70                    | 19.76               | 18.93            | -0.63                       | 9.00            | 1,269.69        | 822.07                       | 784.84                        | 37.23                           | 22.079               |                    |           |
| 8,600.00                                               | 8,578.09                    | 8,582.69                    | 8,582.69                    | 19.95               | 19.15            | -0.63                       | 9.00            | 1,269.69        | 820.69                       | 783.04                        | 37.65                           | 21.799               |                    |           |
| 8,700.00                                               | 8,678.09                    | 8,682.69                    | 8,682.69                    | 20.13               | 19.38            | -0.63                       | 9.00            | 1,269.69        | 820.18                       | 782.12                        | 38.06                           | 21.550               |                    |           |
| 8,741.27                                               | 8,719.36                    | 8,723.96                    | 8,723.96                    | 20.20               | 19.47            | -0.63                       | 9.00            | 1,269.69        | 820.16                       | 781.93                        | 38.24                           | 21.450 CC            |                    |           |
| 8,800.00                                               | 8,778.09                    | 8,782.69                    | 8,782.69                    | 20.31               | 19.60            | 89.37                       | 9.00            | 1,269.69        | 820.18                       | 781.70                        | 38.49                           | 21.311               |                    |           |
| 8,900.00                                               | 8,878.09                    | 8,882.69                    | 8,882.69                    | 20.52               | 19.82            | 89.37                       | 9.00            | 1,269.69        | 820.18                       | 781.26                        | 38.92                           | 21.071               |                    |           |
| 9,000.00                                               | 8,977.69                    | 8,979.43                    | 8,979.01                    | 20.72               | 20.04            | 89.06                       | 16.61           | 1,269.79        | 820.25                       | 780.90                        | 39.35                           | 20.845               |                    |           |
| 9,100.00                                               | 9,074.51                    | 9,076.02                    | 9,072.55                    | 20.92               | 20.26            | 89.04                       | 40.24           | 1,270.10        | 820.46                       | 780.69                        | 39.77                           | 20.631               |                    |           |
| 9,200.00                                               | 9,165.61                    | 9,172.67                    | 9,160.85                    | 21.13               | 20.46            | 89.06                       | 79.25           | 1,270.60        | 820.78                       | 780.58                        | 40.20                           | 20.417               |                    |           |
| 9,300.00                                               | 9,248.21                    | 9,269.45                    | 9,241.45                    | 21.35               | 20.69            | 89.09                       | 132.62          | 1,271.30        | 821.23                       | 780.53                        | 40.69                           | 20.180               |                    |           |
| 9,400.00                                               | 9,319.81                    | 9,366.48                    | 9,312.09                    | 21.60               | 20.98            | 89.16                       | 198.96          | 1,272.16        | 821.77                       | 780.46                        | 41.31                           | 19.894               |                    |           |
| 9,500.00                                               | 9,378.23                    | 9,463.82                    | 9,370.71                    | 21.92               | 21.34            | 89.25                       | 276.52          | 1,273.17        | 822.40                       | 780.31                        | 42.09                           | 19.539               |                    |           |
| 9,600.00                                               | 9,421.70                    | 9,561.56                    | 9,415.52                    | 22.36               | 21.81            | 89.36                       | 363.24          | 1,274.30        | 823.11                       | 780.02                        | 43.09                           | 19.103               |                    |           |
| 9,700.00                                               | 9,448.90                    | 9,659.76                    | 9,445.06                    | 22.94               | 22.38            | 89.49                       | 456.76          | 1,275.52        | 823.88                       | 779.56                        | 44.32                           | 18.590               |                    |           |
| 9,800.00                                               | 9,458.99                    | 9,758.49                    | 9,458.24                    | 23.65               | 23.07            | 89.63                       | 554.48          | 1,276.79        | 824.68                       | 778.91                        | 45.76                           | 18.020               |                    |           |
| 9,900.00                                               | 9,458.30                    | 9,858.19                    | 9,458.10                    | 24.47               | 23.87            | 89.66                       | 654.15          | 1,278.08        | 825.51                       | 778.08                        | 47.43                           | 17.404               |                    |           |
| 10,000.00                                              | 9,457.48                    | 9,958.19                    | 9,456.95                    | 25.40               | 24.77            | 89.64                       | 754.13          | 1,279.38        | 826.34                       | 777.04                        | 49.30                           | 16.762               |                    |           |
| 10,100.00                                              | 9,456.65                    | 10,058.18                   | 9,455.80                    | 26.43               | 25.77            | 89.62                       | 854.12          | 1,280.69        | 827.18                       | 775.82                        | 51.36                           | 16.106               |                    |           |
| 10,200.00                                              | 9,455.83                    | 10,158.18                   | 9,454.64                    | 27.54               | 26.85            | 89.60                       | 954.10          | 1,281.99        | 828.02                       | 774.43                        | 53.59                           | 15.452               |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 2H - OH - Plan #1 |                       |                       |                       |                  |               |                       |                                     |                     |                        |                         |                           |                   | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|---------------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|-----------|
| Survey Program: O-LEAM MWD-ADJ                         |                       |                       |                       |                  |               |                       |                                     |                     |                        |                         |                           |                   | Offset Well Error: | 0.00 usft |
| Reference                                              |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |                     |                        |                         |                           |                   |                    | Warning   |
| Measured Depth (usft)                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Centre +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |           |
| 10,300.00                                              | 9,455.00              | 10,258.17             | 9,453.49              | 28.73            | 28.01         | 89.57                 | 1,054.08                            | 1,283.29            | 828.85                 | 772.89                  | 55.96                     | 14.811            |                    |           |
| 10,400.00                                              | 9,454.18              | 10,358.17             | 9,452.34              | 29.97            | 29.24         | 89.55                 | 1,154.06                            | 1,284.59            | 829.69                 | 771.22                  | 58.47                     | 14.190            |                    |           |
| 10,500.00                                              | 9,453.35              | 10,458.17             | 9,451.19              | 31.28            | 30.53         | 89.53                 | 1,254.04                            | 1,285.89            | 830.53                 | 769.44                  | 61.09                     | 13.595            |                    |           |
| 10,600.00                                              | 9,452.53              | 10,558.16             | 9,450.04              | 32.63            | 31.87         | 89.51                 | 1,354.02                            | 1,287.19            | 831.36                 | 767.55                  | 63.81                     | 13.028            |                    |           |
| 10,700.00                                              | 9,451.70              | 10,658.16             | 9,448.88              | 34.03            | 33.25         | 89.49                 | 1,454.00                            | 1,288.49            | 832.20                 | 765.58                  | 66.62                     | 12.492            |                    |           |
| 10,800.00                                              | 9,450.88              | 10,758.15             | 9,447.73              | 35.46            | 34.67         | 89.46                 | 1,553.98                            | 1,289.79            | 833.04                 | 763.53                  | 69.51                     | 11.985            |                    |           |
| 10,900.00                                              | 9,450.05              | 10,858.15             | 9,446.58              | 36.93            | 36.13         | 89.44                 | 1,653.96                            | 1,291.09            | 833.87                 | 761.41                  | 72.46                     | 11.508            |                    |           |
| 11,000.00                                              | 9,449.22              | 10,958.15             | 9,445.43              | 38.43            | 37.63         | 89.42                 | 1,753.94                            | 1,292.39            | 834.71                 | 759.24                  | 75.48                     | 11.059            |                    |           |
| 11,100.00                                              | 9,448.40              | 11,058.14             | 9,444.28              | 39.96            | 39.15         | 89.40                 | 1,853.92                            | 1,293.69            | 835.55                 | 757.01                  | 78.54                     | 10.638            |                    |           |
| 11,200.00                                              | 9,447.57              | 11,158.14             | 9,443.13              | 41.51            | 40.69         | 89.38                 | 1,953.90                            | 1,294.99            | 836.39                 | 754.73                  | 81.66                     | 10.243            |                    |           |
| 11,300.00                                              | 9,446.75              | 11,258.13             | 9,441.97              | 43.08            | 42.25         | 89.35                 | 2,053.89                            | 1,296.29            | 837.23                 | 752.41                  | 84.81                     | 9.871             |                    |           |
| 11,400.00                                              | 9,445.92              | 11,358.13             | 9,440.82              | 44.67            | 43.84         | 89.33                 | 2,153.87                            | 1,297.60            | 838.06                 | 750.05                  | 88.01                     | 9.522             |                    |           |
| 11,500.00                                              | 9,445.10              | 11,458.13             | 9,439.67              | 46.28            | 45.44         | 89.31                 | 2,253.85                            | 1,298.90            | 838.90                 | 747.67                  | 91.24                     | 9.195             |                    |           |
| 11,600.00                                              | 9,444.27              | 11,558.12             | 9,438.52              | 47.90            | 47.06         | 89.29                 | 2,353.83                            | 1,300.20            | 839.74                 | 745.25                  | 94.49                     | 8.887             |                    |           |
| 11,700.00                                              | 9,443.45              | 11,658.12             | 9,437.37              | 49.54            | 48.70         | 89.27                 | 2,453.81                            | 1,301.50            | 840.58                 | 742.80                  | 97.78                     | 8.597             |                    |           |
| 11,800.00                                              | 9,442.62              | 11,758.11             | 9,436.21              | 51.19            | 50.34         | 89.25                 | 2,553.79                            | 1,302.80            | 841.42                 | 740.33                  | 101.09                    | 8.324             |                    |           |
| 11,900.00                                              | 9,441.80              | 11,858.11             | 9,435.06              | 52.85            | 52.00         | 89.23                 | 2,653.77                            | 1,304.10            | 842.25                 | 737.84                  | 104.42                    | 8.066             |                    |           |
| 12,000.00                                              | 9,440.97              | 11,958.11             | 9,433.91              | 54.52            | 53.67         | 89.20                 | 2,753.75                            | 1,305.40            | 843.09                 | 735.32                  | 107.77                    | 7.823             |                    |           |
| 12,100.00                                              | 9,440.14              | 12,058.10             | 9,432.76              | 56.20            | 55.34         | 89.18                 | 2,853.73                            | 1,306.70            | 843.93                 | 732.79                  | 111.14                    | 7.593             |                    |           |
| 12,200.00                                              | 9,439.32              | 12,158.10             | 9,431.61              | 57.89            | 57.03         | 89.16                 | 2,953.71                            | 1,308.00            | 844.77                 | 730.25                  | 114.53                    | 7.376             |                    |           |
| 12,300.00                                              | 9,438.49              | 12,258.09             | 9,430.46              | 59.58            | 58.72         | 89.14                 | 3,053.69                            | 1,309.30            | 845.61                 | 727.68                  | 117.93                    | 7.171             |                    |           |
| 12,400.00                                              | 9,437.67              | 12,358.09             | 9,429.30              | 61.29            | 60.42         | 89.12                 | 3,153.68                            | 1,310.60            | 846.45                 | 725.11                  | 121.34                    | 6.976             |                    |           |
| 12,500.00                                              | 9,436.84              | 12,458.09             | 9,428.15              | 63.00            | 62.13         | 89.10                 | 3,253.66                            | 1,311.90            | 847.29                 | 722.52                  | 124.77                    | 6.791             |                    |           |
| 12,600.00                                              | 9,436.02              | 12,558.08             | 9,427.00              | 64.71            | 63.85         | 89.08                 | 3,353.64                            | 1,313.20            | 848.13                 | 719.92                  | 128.21                    | 6.615             |                    |           |
| 12,700.00                                              | 9,435.19              | 12,658.08             | 9,425.85              | 66.43            | 65.57         | 89.05                 | 3,453.62                            | 1,314.51            | 848.97                 | 717.31                  | 131.66                    | 6.448             |                    |           |
| 12,800.00                                              | 9,434.37              | 12,758.07             | 9,424.70              | 68.16            | 67.29         | 89.03                 | 3,553.60                            | 1,315.81            | 849.81                 | 714.69                  | 135.12                    | 6.289             |                    |           |
| 12,900.00                                              | 9,433.54              | 12,858.07             | 9,423.54              | 69.89            | 69.02         | 89.01                 | 3,653.58                            | 1,317.11            | 850.65                 | 712.06                  | 138.59                    | 6.138             |                    |           |
| 13,000.00                                              | 9,432.72              | 12,958.07             | 9,422.39              | 71.63            | 70.76         | 88.99                 | 3,753.56                            | 1,318.41            | 851.49                 | 709.42                  | 142.07                    | 5.994             |                    |           |
| 13,100.00                                              | 9,431.89              | 13,058.06             | 9,421.24              | 73.37            | 72.50         | 88.97                 | 3,853.54                            | 1,319.71            | 852.33                 | 706.77                  | 145.55                    | 5.856             |                    |           |
| 13,200.00                                              | 9,431.06              | 13,158.06             | 9,420.09              | 75.11            | 74.24         | 88.95                 | 3,953.52                            | 1,321.01            | 853.17                 | 704.12                  | 149.05                    | 5.724             |                    |           |
| 13,300.00                                              | 9,430.24              | 13,258.05             | 9,418.94              | 76.86            | 75.98         | 88.93                 | 4,053.50                            | 1,322.31            | 854.01                 | 701.46                  | 152.55                    | 5.598             |                    |           |
| 13,400.00                                              | 9,429.41              | 13,358.05             | 9,417.79              | 78.61            | 77.73         | 88.91                 | 4,153.48                            | 1,323.61            | 854.85                 | 698.80                  | 156.05                    | 5.478             |                    |           |
| 13,500.00                                              | 9,428.59              | 13,458.05             | 9,416.63              | 80.37            | 79.49         | 88.89                 | 4,253.47                            | 1,324.91            | 855.69                 | 696.12                  | 159.56                    | 5.363             |                    |           |
| 13,600.00                                              | 9,427.76              | 13,558.04             | 9,415.48              | 82.12            | 81.24         | 88.87                 | 4,353.45                            | 1,326.21            | 856.53                 | 693.45                  | 163.08                    | 5.252             |                    |           |
| 13,700.00                                              | 9,426.94              | 13,658.04             | 9,414.33              | 83.88            | 83.00         | 88.85                 | 4,453.43                            | 1,327.51            | 857.37                 | 690.76                  | 166.60                    | 5.146             |                    |           |
| 13,800.00                                              | 9,426.11              | 13,758.03             | 9,413.18              | 85.65            | 84.76         | 88.83                 | 4,553.41                            | 1,328.81            | 858.21                 | 688.08                  | 170.13                    | 5.044             |                    |           |
| 13,900.00                                              | 9,425.29              | 13,858.03             | 9,412.03              | 87.41            | 86.52         | 88.80                 | 4,653.39                            | 1,330.11            | 859.05                 | 685.39                  | 173.66                    | 4.947             |                    |           |
| 14,000.00                                              | 9,424.46              | 13,958.03             | 9,410.87              | 89.18            | 88.29         | 88.78                 | 4,753.37                            | 1,331.42            | 859.89                 | 682.69                  | 177.20                    | 4.853             |                    |           |
| 14,100.00                                              | 9,423.64              | 14,058.02             | 9,409.72              | 90.95            | 90.06         | 88.76                 | 4,853.35                            | 1,332.72            | 860.73                 | 679.99                  | 180.74                    | 4.762             |                    |           |
| 14,200.00                                              | 9,422.81              | 14,158.02             | 9,408.57              | 92.72            | 91.83         | 88.74                 | 4,953.33                            | 1,334.02            | 861.57                 | 677.29                  | 184.29                    | 4.675             |                    |           |
| 14,300.00                                              | 9,421.99              | 14,258.01             | 9,407.42              | 94.49            | 93.60         | 88.72                 | 5,053.31                            | 1,335.32            | 862.41                 | 674.58                  | 187.84                    | 4.591             |                    |           |
| 14,400.00                                              | 9,421.16              | 14,358.01             | 9,406.27              | 96.27            | 95.37         | 88.70                 | 5,153.29                            | 1,336.62            | 863.26                 | 671.87                  | 191.39                    | 4.511             |                    |           |
| 14,500.00                                              | 9,420.33              | 14,458.01             | 9,405.11              | 98.04            | 97.15         | 88.68                 | 5,253.27                            | 1,337.92            | 864.10                 | 669.16                  | 194.94                    | 4.433             |                    |           |
| 14,600.00                                              | 9,419.51              | 14,558.00             | 9,403.96              | 99.82            | 98.92         | 88.66                 | 5,353.26                            | 1,339.22            | 864.94                 | 666.44                  | 198.50                    | 4.357             |                    |           |
| 14,700.00                                              | 9,418.68              | 14,658.00             | 9,402.81              | 101.60           | 100.70        | 88.64                 | 5,453.24                            | 1,340.52            | 865.78                 | 663.72                  | 202.06                    | 4.285             |                    |           |
| 14,800.00                                              | 9,417.86              | 14,757.99             | 9,401.66              | 103.38           | 102.48        | 88.62                 | 5,553.22                            | 1,341.82            | 866.62                 | 661.00                  | 205.62                    | 4.215             |                    |           |
| 14,900.00                                              | 9,417.03              | 14,857.99             | 9,400.51              | 105.17           | 104.26        | 88.60                 | 5,653.20                            | 1,343.12            | 867.46                 | 658.28                  | 209.19                    | 4.147             |                    |           |
| 15,000.00                                              | 9,416.21              | 14,957.99             | 9,399.36              | 106.95           | 106.05        | 88.58                 | 5,753.18                            | 1,344.42            | 868.31                 | 655.55                  | 212.76                    | 4.081             |                    |           |
| 15,100.00                                              | 9,415.38              | 15,057.98             | 9,398.20              | 108.74           | 107.83        | 88.56                 | 5,853.16                            | 1,345.72            | 869.15                 | 652.82                  | 216.33                    | 4.018             |                    |           |
| 15,200.00                                              | 9,414.56              | 15,157.98             | 9,397.05              | 110.52           | 109.61        | 88.54                 | 5,953.14                            | 1,347.02            | 869.99                 | 650.09                  | 219.90                    | 3.956             |                    |           |
| 15,300.00                                              | 9,413.73              | 15,257.97             | 9,395.90              | 112.31           | 111.40        | 88.52                 | 6,053.12                            | 1,348.33            | 870.83                 | 647.36                  | 223.48                    | 3.897             |                    |           |
| 15,400.00                                              | 9,412.91              | 15,357.97             | 9,394.75              | 114.10           | 113.19        | 88.50                 | 6,153.10                            | 1,349.63            | 871.68                 | 644.62                  | 227.05                    | 3.839             |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

|                           |                         |                                     |                                   |
|---------------------------|-------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>           | DEVON ENERGY            | <b>Local Co-ordinate Reference:</b> | Well 5H                           |
| <b>Project:</b>           | Lea County, NM (NAD-83) | <b>TVD Reference:</b>               | 3551.5' GE + 25' KB @ 3576.50usft |
| <b>Reference Site:</b>    | Blue Krait 23-14 Fed    | <b>MD Reference:</b>                | 3551.5' GE + 25' KB @ 3576.50usft |
| <b>Site Error:</b>        | 0.00 usft               | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | 5H                      | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Well Error:</b>        | 0.00 usft               | <b>Output errors are at</b>         | 2.00 sigma                        |
| <b>Reference Wellbore</b> | OH                      | <b>Database:</b>                    | EDM 5000.1 Single User Db         |
| <b>Reference Design:</b>  | Plan #1                 | <b>Offset TVD Reference:</b>        | Offset Datum                      |

| Offset Design Blue Krait 23-14 Fed - 2H - OH - Plan #1 |                             |                             |                             |                     |                  |                             |                                           |                 |                              |                               |                                 |                      | Offset Site Error: | 0.00 usft |
|--------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|-----------|
| Survey Program: 0-LEAM MWD-ADJ                         |                             |                             |                             |                     |                  |                             |                                           |                 |                              |                               |                                 |                      | Offset Well Error: | 0.00 usft |
| Reference                                              |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Distance                                  |                 | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |           |
| Measured<br>Depth<br>(usft)                            | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | Offset Wellbore Centre<br>+N/-S<br>(usft) | +E/-W<br>(usft) |                              |                               |                                 |                      |                    |           |
| 15,500.00                                              | 9,412.08                    | 15,457.97                   | 9,393.60                    | 115.89              | 114.98           | 88.48                       | 6,253.08                                  | 1,350.93        | 872.52                       | 641.89                        | 230.63                          | 3.783                |                    |           |
| 15,600.00                                              | 9,411.25                    | 15,557.96                   | 9,392.44                    | 117.68              | 116.76           | 88.46                       | 6,353.06                                  | 1,352.23        | 873.36                       | 639.15                        | 234.21                          | 3.729                |                    |           |
| 15,700.00                                              | 9,410.43                    | 15,657.96                   | 9,391.29                    | 119.47              | 118.55           | 88.44                       | 6,453.05                                  | 1,353.53        | 874.20                       | 636.41                        | 237.79                          | 3.676                |                    |           |
| 15,800.00                                              | 9,409.60                    | 15,757.95                   | 9,390.14                    | 121.26              | 120.35           | 88.42                       | 6,553.03                                  | 1,354.83        | 875.05                       | 633.67                        | 241.38                          | 3.625                |                    |           |
| 15,900.00                                              | 9,408.78                    | 15,857.95                   | 9,388.99                    | 123.06              | 122.14           | 88.40                       | 6,653.01                                  | 1,356.13        | 875.89                       | 630.93                        | 244.96                          | 3.576                |                    |           |
| 16,000.00                                              | 9,407.95                    | 15,957.95                   | 9,387.84                    | 124.85              | 123.93           | 88.38                       | 6,752.99                                  | 1,357.43        | 876.73                       | 628.18                        | 248.55                          | 3.527                |                    |           |
| 16,100.00                                              | 9,407.13                    | 16,057.94                   | 9,386.69                    | 126.65              | 125.72           | 88.36                       | 6,852.97                                  | 1,358.73        | 877.58                       | 625.44                        | 252.14                          | 3.481                |                    |           |
| 16,200.00                                              | 9,406.30                    | 16,157.94                   | 9,385.53                    | 128.44              | 127.52           | 88.34                       | 6,952.95                                  | 1,360.03        | 878.42                       | 622.69                        | 255.73                          | 3.435                |                    |           |
| 16,300.00                                              | 9,405.48                    | 16,257.93                   | 9,384.38                    | 130.24              | 129.31           | 88.32                       | 7,052.93                                  | 1,361.33        | 879.26                       | 619.95                        | 259.32                          | 3.391                |                    |           |
| 16,400.00                                              | 9,404.65                    | 16,357.93                   | 9,383.23                    | 132.04              | 131.11           | 88.30                       | 7,152.91                                  | 1,362.63        | 880.11                       | 617.20                        | 262.91                          | 3.348                |                    |           |
| 16,500.00                                              | 9,403.83                    | 16,457.93                   | 9,382.08                    | 133.83              | 132.90           | 88.28                       | 7,252.89                                  | 1,363.93        | 880.95                       | 614.45                        | 266.50                          | 3.306                |                    |           |
| 16,600.00                                              | 9,403.00                    | 16,557.92                   | 9,380.93                    | 135.63              | 134.70           | 88.26                       | 7,352.87                                  | 1,365.24        | 881.79                       | 611.70                        | 270.10                          | 3.265                |                    |           |
| 16,700.00                                              | 9,402.17                    | 16,657.92                   | 9,379.77                    | 137.43              | 136.50           | 88.24                       | 7,452.85                                  | 1,366.54        | 882.64                       | 608.95                        | 273.69                          | 3.225                |                    |           |
| 16,800.00                                              | 9,401.35                    | 16,757.91                   | 9,378.62                    | 139.23              | 138.30           | 88.22                       | 7,552.83                                  | 1,367.84        | 883.48                       | 606.19                        | 277.29                          | 3.186                |                    |           |
| 16,900.00                                              | 9,400.52                    | 16,857.91                   | 9,377.47                    | 141.03              | 140.09           | 88.20                       | 7,652.82                                  | 1,369.14        | 884.33                       | 603.44                        | 280.89                          | 3.148                |                    |           |
| 17,000.00                                              | 9,399.70                    | 16,957.91                   | 9,376.32                    | 142.83              | 141.89           | 88.18                       | 7,752.80                                  | 1,370.44        | 885.17                       | 600.69                        | 284.48                          | 3.111                |                    |           |
| 17,100.00                                              | 9,398.87                    | 17,057.90                   | 9,375.17                    | 144.63              | 143.69           | 88.17                       | 7,852.78                                  | 1,371.74        | 886.01                       | 597.93                        | 288.08                          | 3.076                |                    |           |
| 17,200.00                                              | 9,398.05                    | 17,157.90                   | 9,374.01                    | 146.44              | 145.49           | 88.15                       | 7,952.76                                  | 1,373.04        | 886.86                       | 595.17                        | 291.68                          | 3.040                |                    |           |
| 17,300.00                                              | 9,397.22                    | 17,257.89                   | 9,372.86                    | 148.24              | 147.29           | 88.13                       | 8,052.74                                  | 1,374.34        | 887.70                       | 592.42                        | 295.28                          | 3.006                |                    |           |
| 17,400.00                                              | 9,396.40                    | 17,357.89                   | 9,371.71                    | 150.04              | 149.09           | 88.11                       | 8,152.72                                  | 1,375.64        | 888.55                       | 589.66                        | 298.89                          | 2.973                |                    |           |
| 17,500.00                                              | 9,395.57                    | 17,457.89                   | 9,370.56                    | 151.84              | 150.89           | 88.09                       | 8,252.70                                  | 1,376.94        | 889.39                       | 586.90                        | 302.49                          | 2.940                |                    |           |
| 17,600.00                                              | 9,394.75                    | 17,557.88                   | 9,369.41                    | 153.65              | 152.70           | 88.07                       | 8,352.68                                  | 1,378.24        | 890.24                       | 584.14                        | 306.09                          | 2.908                |                    |           |
| 17,700.00                                              | 9,393.92                    | 17,657.88                   | 9,368.26                    | 155.45              | 154.50           | 88.05                       | 8,452.66                                  | 1,379.54        | 891.08                       | 581.39                        | 309.70                          | 2.877                |                    |           |
| 17,800.00                                              | 9,393.09                    | 17,757.87                   | 9,367.10                    | 157.26              | 156.30           | 88.03                       | 8,552.64                                  | 1,380.84        | 891.93                       | 578.63                        | 313.30                          | 2.847                |                    |           |
| 17,900.00                                              | 9,392.27                    | 17,857.87                   | 9,365.95                    | 159.06              | 158.10           | 88.01                       | 8,652.62                                  | 1,382.15        | 892.77                       | 575.87                        | 316.91                          | 2.817                |                    |           |
| 18,000.00                                              | 9,391.44                    | 17,957.87                   | 9,364.80                    | 160.87              | 159.91           | 87.99                       | 8,752.61                                  | 1,383.45        | 893.62                       | 573.11                        | 320.51                          | 2.788                |                    |           |
| 18,100.00                                              | 9,390.62                    | 18,057.86                   | 9,363.65                    | 162.67              | 161.71           | 87.97                       | 8,852.59                                  | 1,384.75        | 894.46                       | 570.34                        | 324.12                          | 2.760                |                    |           |
| 18,200.00                                              | 9,389.79                    | 18,157.86                   | 9,362.50                    | 164.48              | 163.52           | 87.95                       | 8,952.57                                  | 1,386.05        | 895.31                       | 567.58                        | 327.72                          | 2.732                |                    |           |
| 18,300.00                                              | 9,388.97                    | 18,257.85                   | 9,361.34                    | 166.28              | 165.32           | 87.94                       | 9,052.55                                  | 1,387.35        | 896.15                       | 564.82                        | 331.33                          | 2.705                |                    |           |
| 18,400.00                                              | 9,388.14                    | 18,357.85                   | 9,360.19                    | 168.09              | 167.12           | 87.92                       | 9,152.53                                  | 1,388.65        | 897.00                       | 562.06                        | 334.94                          | 2.678                |                    |           |
| 18,500.00                                              | 9,387.32                    | 18,457.85                   | 9,359.04                    | 169.90              | 168.93           | 87.90                       | 9,252.51                                  | 1,389.95        | 897.84                       | 559.29                        | 338.55                          | 2.652                |                    |           |
| 18,600.00                                              | 9,386.49                    | 18,557.84                   | 9,357.89                    | 171.71              | 170.74           | 87.88                       | 9,352.49                                  | 1,391.25        | 898.69                       | 556.53                        | 342.16                          | 2.627                |                    |           |
| 18,700.00                                              | 9,385.67                    | 18,657.84                   | 9,356.74                    | 173.51              | 172.54           | 87.86                       | 9,452.47                                  | 1,392.55        | 899.54                       | 553.77                        | 345.77                          | 2.602                |                    |           |
| 18,800.00                                              | 9,384.84                    | 18,757.83                   | 9,355.59                    | 175.32              | 174.35           | 87.84                       | 9,552.45                                  | 1,393.85        | 900.38                       | 551.00                        | 349.38                          | 2.577                |                    |           |
| 18,900.00                                              | 9,384.01                    | 18,857.83                   | 9,354.43                    | 177.13              | 176.15           | 87.82                       | 9,652.43                                  | 1,395.15        | 901.23                       | 548.24                        | 352.99                          | 2.553                |                    |           |
| 19,000.00                                              | 9,383.19                    | 18,957.83                   | 9,353.28                    | 178.94              | 177.96           | 87.80                       | 9,752.41                                  | 1,396.45        | 902.07                       | 545.47                        | 356.60                          | 2.530                |                    |           |
| 19,100.00                                              | 9,382.36                    | 19,057.82                   | 9,352.13                    | 180.75              | 179.77           | 87.78                       | 9,852.40                                  | 1,397.76        | 902.92                       | 542.71                        | 360.21                          | 2.507                |                    |           |
| 19,200.00                                              | 9,381.54                    | 19,157.82                   | 9,350.98                    | 182.56              | 181.57           | 87.77                       | 9,952.38                                  | 1,399.06        | 903.77                       | 539.94                        | 363.82                          | 2.484                |                    |           |
| 19,265.21                                              | 9,381.00                    | 19,223.03                   | 9,350.23                    | 183.74              | 182.75           | 87.75                       | 10,017.58                                 | 1,399.90        | 904.32                       | 538.14                        | 366.18                          | 2.470 ES, SF         |                    |           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# LEAM Drilling Systems LLC

## Anticollision Report

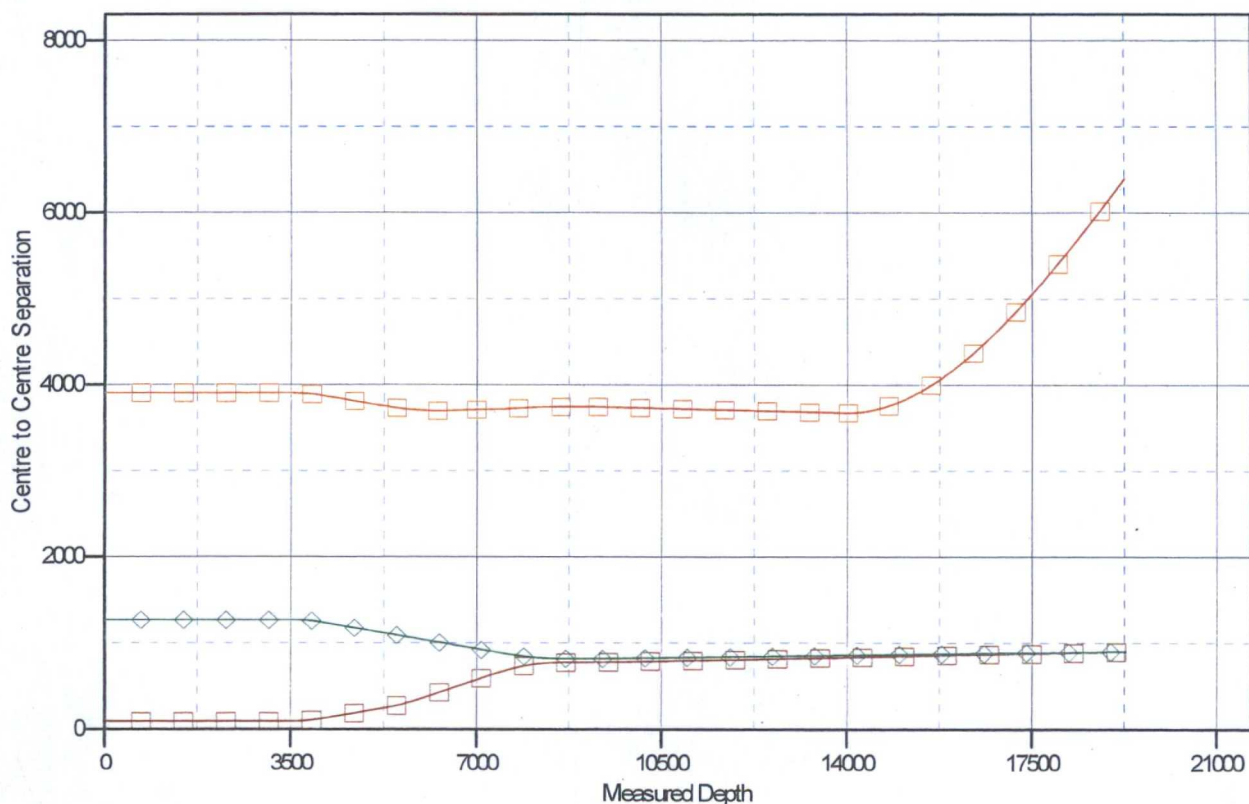
Company: DEVON ENERGY  
 Project: Lea County, NM (NAD-83)  
 Reference Site: Blue Krait 23-14 Fed  
 Site Error: 0.00 usft  
 Reference Well: 5H  
 Well Error: 0.00 usft  
 Reference Wellbore: OH  
 Reference Design: Plan #1

Local Co-ordinate Reference: Well 5H  
 TVD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
 MD Reference: 3551.5' GE + 25' KB @ 3576.50usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: EDM 5000.1 Single User Db  
 Offset TVD Reference: Offset Datum

Reference Depths are relative to 3551.5' GE + 25' KB @ 3576.50usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: 5H  
 Coordinate System is US State Plane 1983, New Mexico Eastern Zone  
 Grid Convergence at Surface is: 0.42°

### Ladder Plot



### LEGEND

6H, OH, Plan #1 V0 1H, OH, Plan #1 V0 2H, OH, Plan #1 V0

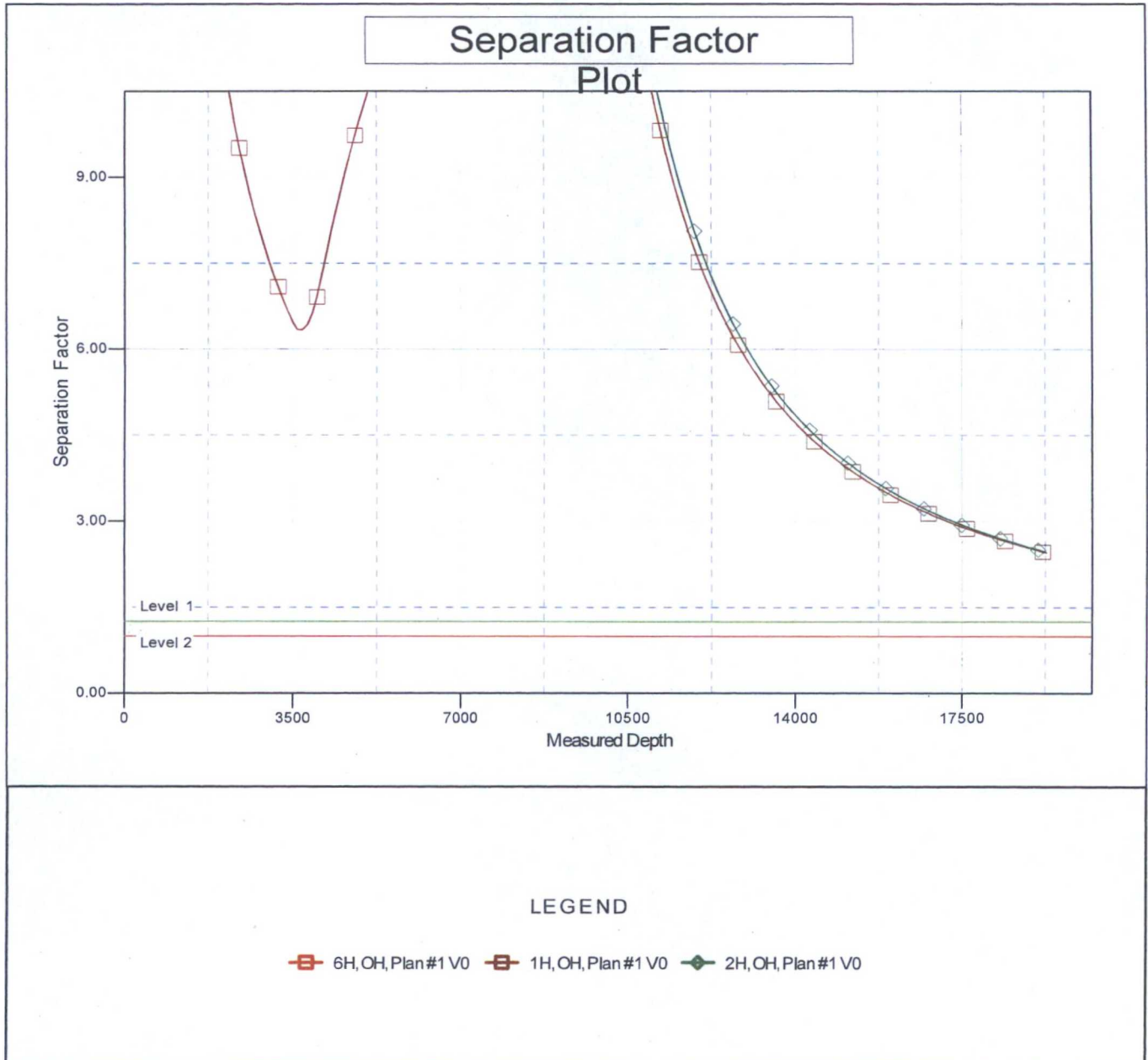
# LEAM Drilling Systems LLC

## Anticollision Report

|                    |                         |                              |                                   |
|--------------------|-------------------------|------------------------------|-----------------------------------|
| Company:           | DEVON ENERGY            | Local Co-ordinate Reference: | Well 5H                           |
| Project:           | Lea County, NM (NAD-83) | TVD Reference:               | 3551.5' GE + 25' KB @ 3576.50usft |
| Reference Site:    | Blue Krait 23-14 Fed    | MD Reference:                | 3551.5' GE + 25' KB @ 3576.50usft |
| Site Error:        | 0.00 usft               | North Reference:             | Grid                              |
| Reference Well:    | 5H                      | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 0.00 usft               | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OH                      | Database:                    | EDM 5000.1 Single User Db         |
| Reference Design:  | Plan #1                 | Offset TVD Reference:        | Offset Datum                      |

Reference Depths are relative to 3551.5' GE + 25' KB @ 3576.50usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: 5H  
 Coordinate System is US State Plane 1983, New Mexico Eastern Zone  
 Grid Convergence at Surface is: 0.42°



# 13-5/8" 3M BOPE & Closed Loop Equipment Schematic

