

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION  
ARTESIA DISTRICT

JUN 06 2014

FORM 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 to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM05039A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891000303X8. Well Name and No.  
POKER LAKE UNIT 457H9. API Well No.  
30-015-42112-00-X110. Field and Pool, or Exploratory  
POKER LAKE11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
BOPCO LPContact: WHITNEY MCKEE  
E-Mail: wbmckee@BASSPET.COM

3a. Address

MIDLAND, TX 79702

3b. Phone No. (include area code)  
Ph: 432-683-2277

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

Sec 27 T25S R30E SESE 560FSL 950FEL  
32.054293 N Lat, 103.514693 W Lon

## 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.)

BOPCO, L.P. respectfully requests to update the directional well plan for the PLU #457H as well as change the casing set depth on our 7? production string. The new 7? casing point will be at approximately 7,929 ? MD/ 7,636? TVD. The grade will be upgraded to 7?, 26 ppf, HCP-110, LTC casing. The safety factors for 7?, 26 ppf, HCP-110 will be changed to; Tension S.F 4.04, Collapse S.F 1.56, and Burst S.F 2.34. Please see the attached Weatherford directional plan for the directional well plan update.

BOPCO L.P. respectfully requests to change the cement on the 7? production casing as follows:

Stage 1: Lead ? Tuned Light + 0.125 lbm/sk Poly-E-Flake ? 250 sks -11 lbm/gal ? 2.64 ft3/sk yield ? 14.84 gal/sk water ratio.

Tail ? Versacem + 0.5% Halad(R) 344 + 0.4% CFR-3 + 1 lbm/sk salt ? 120 sks ? 13 lbm/gal ? 1.67 ft3/sk yield ? 8.88 gal/sk water.

Stage 2: Lead ? Tuned Light + 0.125 lbm/sk Poly-E-Flake ? 150 sacks ? 11 lbm/gal ? 2.55 ft3/sk yield

DV tool @  
5,000' per  
APD

Accepted for record  
NMOCD CS  
6/6/14

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

Electronic Submission #237946 verified by the BLM Well Information System

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by ANGEL MAYES on 05/02/2014 (14AXM0023SE)

Name (Printed/Typed) JEREMY BRADEN

Title DRILLING ENGINEER

Signature (Electronic Submission)

Date 03/06/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

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 \*\*

**Additional data for EC transaction #237946 that would not fit on the form**

**32. Additional remarks, continued**

-13.60 gal/sk water.

Tail ? Halcem C ? 100 sks ? 14.80 lbm/gal ? 1.33 ft<sup>3</sup>/sk yield ? 6.34 gal/sk water.

BOPCO, L.P. respectfully requests to change plans for BOP testing due to the utilization of the Cameron MBS wellhead. BOPCO L.P. respectfully requests to nipple up and test BOPE on surface casing to 3,000 psi high and 250 psi low which will cover testing requirements for the duration of the well. Please find attached the schematic of the wellhead. The field report from the Cameron representative and the BOP test information will be provided in a subsequent report at the end of the well.

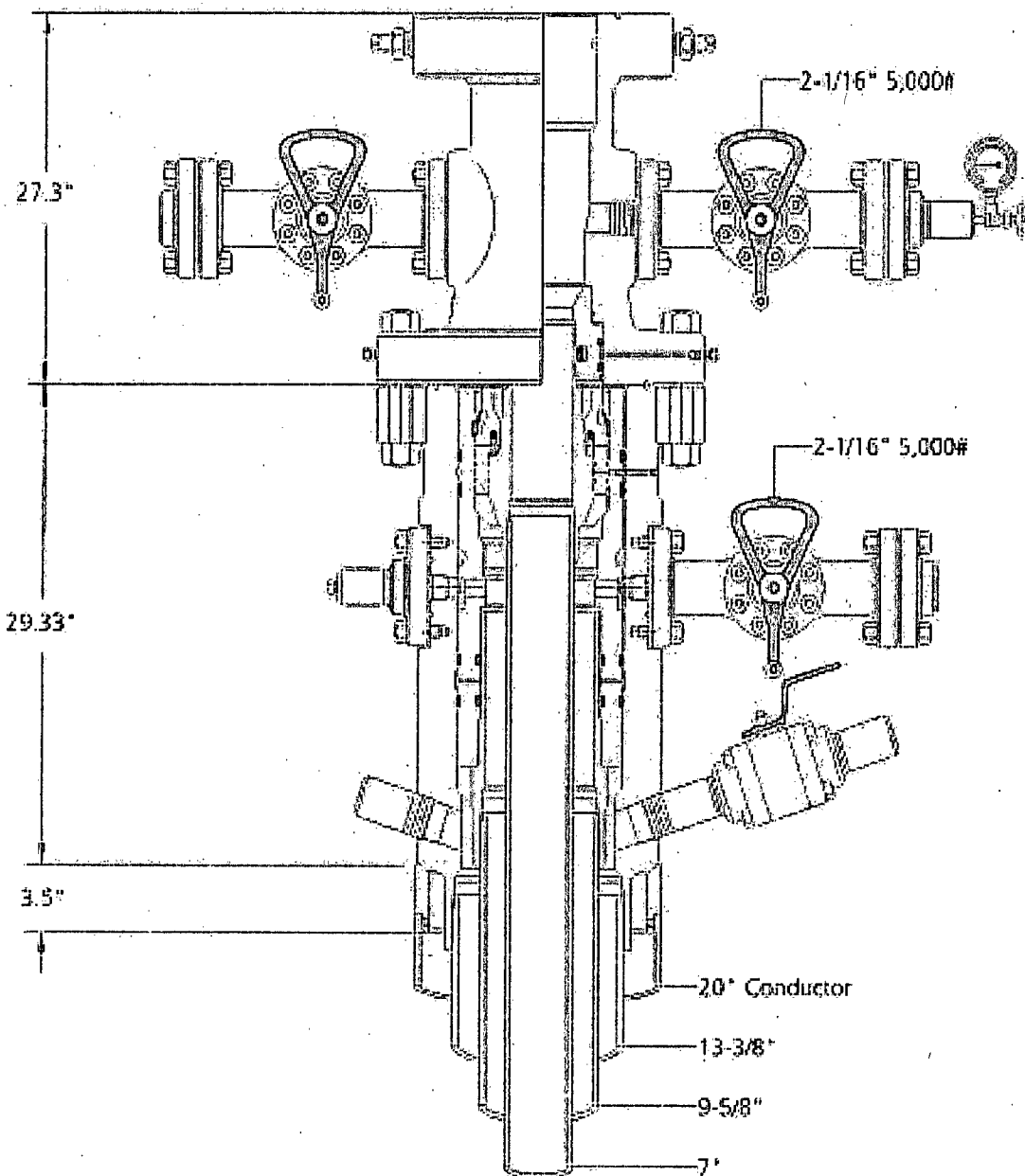
## Revisions to Operator-Submitted EC Data for Sundry Notice #237946

|                | Operator Submitted                                                                        | BLM Revised (AFMSS)                                                                              |
|----------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Sundry Type:   | APDCH<br>NOI                                                                              | APDCH<br>NOI                                                                                     |
| Lease:         | NMLC063875                                                                                | NMNM05039A                                                                                       |
| Agreement:     |                                                                                           | 891000303X (NMNM71016X)                                                                          |
| Operator:      | BOPCO, L.P.<br>PO BOX 2760<br>MIDLAND, TX 79702<br>Ph: 432-683-2277                       | BOPCO LP<br>MIDLAND, TX 79702<br>Ph: 432.683.2277                                                |
| Admin Contact: | WHITNEY MCKEE<br>ENGINEERING ASSISTANT<br>E-Mail: wbmckee@BASSPET.COM<br>Ph: 432-683-2277 | WHITNEY MCKEE<br>ENGINEERING ASSISTANT<br>E-Mail: wbmckee@BASSPET.COM<br>Ph: 432-683-2277        |
| Tech Contact:  | JEREMY BRADEN<br>DRILLING ENGINEER<br>E-Mail: jdbraden@basspet.com<br>Ph: 432-683-2277    | JEREMY BRADEN<br>DRILLING ENGINEER<br>E-Mail: jdbraden@basspet.com<br>Ph: 432-683-2277           |
| Location:      |                                                                                           |                                                                                                  |
| State:         | NM                                                                                        | NM                                                                                               |
| County:        | EDDY COUNTY                                                                               | EDDY                                                                                             |
| Field/Pool:    | CORRAL CANYON, DEL, S                                                                     | POKER LAKE                                                                                       |
| Well/Facility: | POKER LAKE UNIT 457H<br>Sec 27 T25S R30E SESE 560FSL 950FEL                               | POKER LAKE UNIT 457H<br>Sec 27 T25S R30E SESE 560FSL 950FEL<br>32.054293 N Lat, 103.514693 W Lon |

Note: Dimensional information reflected on this drawing are estimated measurements only.



Diagram Z



BOPCO  
Project: South East New Mexico



Jeanette

7-22-13

Drawn By

#

21077904-A

**5D Survey Report****BOPCO, L.P.****Field Name:** *Eddy Co, NM Nad27 NMEZ***Site Name:** *Poker Lake Unit 457H***Well Name:** *PLU 457H***Survey:** *Wft Svy*

05 April 2014

**Weatherford®**

# **PLU 457H**

|                                                                             |                                                                |                                   |                                     |  |
|-----------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|-------------------------------------|--|
| <b>Field Name</b><br>Eddy Co, NM<br>Nad27 NMEZ                              | <b>Map Units :</b> US ft                                       |                                   | <b>Company Name :</b> BOPCO, L.P.   |  |
|                                                                             | <b>Vertical Reference Datum (VRD) :</b> Mean Sea Level         |                                   |                                     |  |
|                                                                             | <b>Projected Coordinate System :</b> NAD27 / New Mexico East   |                                   |                                     |  |
| <b>Comment :</b>                                                            |                                                                |                                   |                                     |  |
| <b>Site Name</b><br>Poker Lake Unit<br>457H                                 | <b>Units :</b> US ft                                           | <b>North Reference :</b> Grid     | <b>Convergence Angle :</b> 0.25     |  |
|                                                                             | <b>Position</b>                                                | <b>Northing :</b> 398697.00 US ft | <b>Latitude :</b> 32° 5' 42.94"     |  |
|                                                                             |                                                                | <b>Easting :</b> 645639.70 US ft  | <b>Longitude :</b> -103° 51' 46.93" |  |
| <b>Elevation above Mean Sea Level:</b> 3272.00 US ft                        |                                                                |                                   |                                     |  |
| <b>Comment :</b>                                                            |                                                                |                                   |                                     |  |
| <b>Slot Name</b><br>PLU 457H                                                | <b>Position (Offsets relative to Site Centre)</b>              |                                   |                                     |  |
|                                                                             | <b>+N / -S :</b> 0.00 US ft                                    | <b>Northing :</b> 398697.00 US ft | <b>Latitude :</b> 32° 5' 42.94"     |  |
|                                                                             | <b>+E / -W :</b> 0.00 US ft                                    | <b>Easting :</b> 645639.70 US ft  | <b>Longitude :</b> -103° 51' 46.93" |  |
|                                                                             | <b>Slot TVD Reference :</b> Ground Elevation                   |                                   |                                     |  |
|                                                                             | <b>Elevation above Mean Sea Level :</b> 3272.00 US ft          |                                   |                                     |  |
| <b>Comment :</b>                                                            |                                                                |                                   |                                     |  |
| <b>Well Name</b><br>PLU 457H                                                | <b>Type :</b> Main well                                        |                                   | <b>UWI :</b>                        |  |
|                                                                             | <b>Rig Height Drill Floor :</b> 19.00 US ft                    |                                   | <b>Comment :</b>                    |  |
|                                                                             | <b>Relative to Mean Sea Level:</b> 3291.00 US ft               |                                   |                                     |  |
|                                                                             | <b>Closure Distance :</b> 9655.19 US ft                        |                                   | <b>Closure Azimuth :</b> 270.036°   |  |
|                                                                             | <b>Vertical Section (Position of Origin Relative to Slot )</b> |                                   |                                     |  |
| <b>+N / -S :</b> 0.00 US ft <b>+E / -W :</b> 0.00 US ft <b>Az :</b> 270.09° |                                                                |                                   |                                     |  |

## **Target Set**

Name : PLU 457H

Number of Targets : 3

### **Comment :**

|                                          |                                           |                                   |                                     |  |
|------------------------------------------|-------------------------------------------|-----------------------------------|-------------------------------------|--|
| <b>Target Name:</b><br>PBHL              | <b>Position (Relative to Slot centre)</b> |                                   |                                     |  |
|                                          | <b>+N / -S :</b> 15.50 US ft              | <b>Northing :</b> 398712.50 US ft | <b>Latitude :</b> 32° 5' 43.50"     |  |
|                                          | <b>+E / -W :</b> -9660.40 US ft           | <b>Easting :</b> 635979.30 US ft  | <b>Longitude :</b> -103° 53' 39.23" |  |
| <b>Shape:</b><br>Cuboid                  | <b>TVD (Drill Floor) :</b> 7364.00 US ft  |                                   |                                     |  |
| <b>Orientation Azimuth :</b> 0.00°       |                                           | <b>Inclination :</b> 0.00°        |                                     |  |
| <b>Dimensions Length :</b> 20.00 US ft   |                                           | <b>Breadth :</b> 20.00 US ft      | <b>Height :</b> 20.00 US ft         |  |
| <b>Target Name:</b><br>HB For Dwg        | <b>Position (Relative to Slot centre)</b> |                                   |                                     |  |
|                                          | <b>+N / -S :</b> 1.21 US ft               | <b>Northing :</b> 398698.21 US ft | <b>Latitude :</b> 32° 5' 42.98"     |  |
|                                          | <b>+E / -W :</b> -764.91 US ft            | <b>Easting :</b> 644874.79 US ft  | <b>Longitude :</b> -103° 51' 55.82" |  |
| <b>Shape:</b><br>Cuboid                  | <b>TVD (Drill Floor) :</b> 7731.00 US ft  |                                   |                                     |  |
| <b>Orientation Azimuth :</b> 270.09°     |                                           | <b>Inclination :</b> 0.79°        |                                     |  |
| <b>Dimensions Length :</b> 6000.00 US ft |                                           | <b>Breadth :</b> 0.00 US ft       | <b>Height :</b> 1.00 US ft          |  |

## 5D Survey Report

|                                                                       |                                           |                                |                             |
|-----------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------|
| <b>Target Name:</b><br>HB For Dwg<br>2<br><br><b>Shape:</b><br>Cuboid | <b>Position (Relative to Slot centre)</b> |                                |                             |
|                                                                       | +N / -S : 15.50US ft                      | Northing : 398712.50 US ft     | Latitude : 32°5'43.50"      |
|                                                                       | +E / -W : -9660.40 US ft                  | Easting : 635979.30US ft       | Longitude : -103°53'39.23"  |
|                                                                       | TVD (Drill Floor) : 7598.00 US ft         |                                |                             |
| <b>Orientation</b>                                                    |                                           | <b>Azimuth : 270.09°</b>       | <b>Inclination : 0.79°</b>  |
| <b>Dimensions</b>                                                     |                                           | <b>Length : 17790.00 US ft</b> | <b>Breadth : 0.00 US ft</b> |
|                                                                       |                                           | <b>Height : 1.00 US ft</b>     |                             |

**Survey Name : Wft Svy**

**Date :** 14/Mar/2014      **Survey Tool :** MWD      **Comment :**      **Company :** Wft

**Magnetic Model**

**Model Name:** BGGM      **Date:** 10/Mar/2014      **Field Strength:** 48235.2 nT      **Declination:** 7.49°      **Dip:** 59.93°

**Tie Point**

**MD:** 0      **Inclination:** 0      **Azimuth:** 0      **TVD:** 0      **North Offset:** 0      **East Offset:** 0

**Casing Points (Relative to Slot centre, TVD relative to Drill Floor)**

| MD<br>(US ft) | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Name     |
|---------------|------------|-----------|----------------|---------------------|---------------------|---------------------|--------------------|----------|
| 3900.00       | 0.45       | 194.81    | 3899.67        | 5.35                | 24.52               | 398702.35           | 645664.22          | 7 5/8 in |

**Well path created using minimum curvature****Survey Points (Relative to Slot centre, TVD relative to Drill Floor)**

| MD<br>(US ft) | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | VS<br>(US ft) | DLS<br>(°/100 US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment       |
|---------------|------------|-----------|----------------|---------------------|---------------------|---------------|----------------------|---------------------|--------------------|---------------|
| 0.00          | 0.00       | 0.00      | 0.00           | 0.00                | 0.00                | 0.00          | 0.00                 | 398697.00           | 645639.70          |               |
| 234.00        | 0.25       | 104.06    | 234.00         | -0.12               | 0.50                | -0.50         | 0.11                 | 398696.88           | 645640.20          | First Wft Svy |
| 467.00        | 0.29       | 236.18    | 467.00         | -0.58               | 0.50                | -0.50         | 0.21                 | 398696.42           | 645640.20          |               |
| 702.00        | 0.36       | 158.98    | 702.00         | -1.60               | 0.27                | -0.27         | 0.17                 | 398695.40           | 645639.97          |               |
| 926.00        | 1.55       | 74.76     | 925.97         | -1.46               | 3.44                | -3.45         | 0.69                 | 398695.54           | 645643.14          |               |
| 1172.00       | 1.74       | 70.07     | 1171.86        | 0.69                | 10.17               | -10.16        | 0.09                 | 398697.69           | 645649.87          |               |
| 1394.00       | 0.76       | 63.38     | 1393.81        | 2.50                | 14.65               | -14.65        | 0.45                 | 398699.50           | 645654.35          |               |
| 1615.00       | 0.74       | 64.55     | 1614.79        | 3.77                | 17.25               | -17.24        | 0.01                 | 398700.77           | 645656.95          |               |
| 1837.00       | 0.47       | 55.03     | 1836.78        | 4.91                | 19.29               | -19.28        | 0.13                 | 398701.91           | 645658.99          |               |
| 2059.00       | 0.07       | 38.19     | 2058.77        | 5.54                | 20.12               | -20.11        | 0.18                 | 398702.54           | 645659.82          |               |
| 2280.00       | 0.10       | 93.35     | 2279.77        | 5.63                | 20.40               | -20.39        | 0.04                 | 398702.63           | 645660.10          |               |
| 2502.00       | 0.07       | 236.87    | 2501.77        | 5.55                | 20.48               | -20.47        | 0.07                 | 398702.55           | 645660.18          |               |
| 2723.00       | 0.30       | 270.59    | 2722.77        | 5.48                | 19.78               | -19.78        | 0.11                 | 398702.48           | 645659.48          |               |
| 2945.00       | 0.44       | 310.40    | 2944.77        | 6.04                | 18.55               | -18.54        | 0.13                 | 398703.04           | 645658.25          |               |
| 3167.00       | 0.69       | 347.80    | 3166.76        | 7.90                | 17.62               | -17.61        | 0.19                 | 398704.90           | 645657.32          |               |
| 3388.00       | 0.69       | 83.98     | 3387.75        | 9.34                | 18.66               | -18.65        | 0.46                 | 398706.34           | 645658.36          |               |
| 3610.00       | 1.63       | 119.02    | 3609.70        | 7.94                | 22.76               | -22.74        | 0.51                 | 398704.94           | 645662.46          |               |
| 3834.00       | 0.49       | 230.05    | 3833.67        | 5.78                | 24.81               | -24.80        | 0.83                 | 398702.78           | 645664.51          |               |
| 3900.00       | 0.45       | 194.81    | 3899.67        | 5.35                | 24.52               | -24.52        | 0.44                 | 398702.35           | 645664.22          | 7 5/8 in      |
| 4054.00       | 0.88       | 146.25    | 4053.66        | 3.77                | 25.02               | -25.02        | 0.44                 | 398700.77           | 645664.72          |               |
| 4275.00       | 1.07       | 137.77    | 4274.63        | 0.84                | 27.35               | -27.35        | 0.11                 | 398697.84           | 645667.05          |               |
| 4522.00       | 0.31       | 225.14    | 4521.61        | -1.34               | 28.43               | -28.43        | 0.45                 | 398695.66           | 645668.13          |               |
| 4771.00       | 0.35       | 226.38    | 4770.61        | -2.34               | 27.40               | -27.41        | 0.02                 | 398694.66           | 645667.10          |               |
| 5021.00       | 0.38       | 252.57    | 5020.60        | -3.12               | 26.06               | -26.06        | 0.07                 | 398693.88           | 645665.76          |               |
| 5272.00       | 0.25       | 252.51    | 5271.60        | -3.53               | 24.74               | -24.75        | 0.05                 | 398693.47           | 645664.44          |               |
| 5522.00       | 0.30       | 253.77    | 5521.60        | -3.88               | 23.59               | -23.60        | 0.02                 | 398693.12           | 645663.29          |               |
| 5772.00       | 0.28       | 231.38    | 5771.59        | -4.44               | 22.49               | -22.50        | 0.05                 | 398692.56           | 645662.19          |               |
| 5993.00       | 0.43       | 242.96    | 5992.59        | -5.16               | 21.33               | -21.34        | 0.07                 | 398691.84           | 645661.03          |               |
| 6213.00       | 0.38       | 250.05    | 6212.58        | -5.78               | 19.91               | -19.92        | 0.03                 | 398691.22           | 645659.61          |               |
| 6462.00       | 0.35       | 255.76    | 6461.58        | -6.25               | 18.39               | -18.40        | 0.02                 | 398690.75           | 645658.09          |               |
| 6683.00       | 0.21       | 208.56    | 6682.58        | -6.77               | 17.55               | -17.56        | 0.12                 | 398690.23           | 645657.25          |               |
| 6904.00       | 0.38       | 170.66    | 6903.57        | -7.85               | 17.47               | -17.48        | 0.11                 | 398689.15           | 645657.17          |               |
| 6944.00       | 0.45       | 168.35    | 6943.57        | -8.14               | 17.52               | -17.54        | 0.18                 | 398688.86           | 645657.22          |               |

## 5D Survey Report

| Survey Points (Relative to Slot centre, TVD relative to Drill Floor) |            |           |                |                      |                      |               |                      |                     |                    |         |
|----------------------------------------------------------------------|------------|-----------|----------------|----------------------|----------------------|---------------|----------------------|---------------------|--------------------|---------|
| MD<br>(US ft)                                                        | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N. Offset<br>(US ft) | E. Offset<br>(US ft) | VS<br>(US ft) | DLS<br>(°/100 US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment |
| 6993.00                                                              | 0.73       | 223.25    | 6992.57        | -8.55                | 17.35                | -17.36        | 1.22                 | 398688.45           | 645657.05          |         |
| 7024.00                                                              | 3.70       | 257.67    | 7023.55        | -8.91                | 16.24                | -16.25        | 10.08                | 398688.09           | 645655.94          |         |
| 7056.00                                                              | 7.43       | 269.84    | 7055.39        | -9.14                | 13.16                | -13.17        | 12.16                | 398687.86           | 645652.86          |         |
| 7086.00                                                              | 10.81      | 273.81    | 7085.01        | -8.95                | 8.41                 | -8.42         | 11.45                | 398688.05           | 645648.11          |         |
| 7117.00                                                              | 14.36      | 275.16    | 7115.26        | -8.41                | 1.68                 | -1.69         | 11.49                | 398688.59           | 645641.38          |         |
| 7149.00                                                              | 17.26      | 276.50    | 7146.04        | -7.52                | -6.99                | 6.98          | 9.13                 | 398689.48           | 645632.71          |         |
| 7180.00                                                              | 20.18      | 274.80    | 7175.40        | -6.55                | -16.89               | 16.88         | 9.58                 | 398690.45           | 645622.81          |         |
| 7209.00                                                              | 22.66      | 272.88    | 7202.40        | -5.85                | -27.46               | 27.45         | 8.89                 | 398691.15           | 645612.24          |         |
| 7240.00                                                              | 24.68      | 272.84    | 7230.79        | -5.23                | -39.89               | 39.88         | 6.52                 | 398691.77           | 645599.81          |         |
| 7272.00                                                              | 26.70      | 273.59    | 7259.62        | -4.45                | -53.74               | 53.73         | 6.39                 | 398692.55           | 645585.96          |         |
| 7303.00                                                              | 29.50      | 273.12    | 7286.96        | -3.60                | -68.31               | 68.31         | 9.06                 | 398693.40           | 645571.39          |         |
| 7334.00                                                              | 32.90      | 271.28    | 7313.48        | -3.00                | -84.36               | 84.35         | 11.39                | 398694.00           | 645555.34          |         |
| 7366.00                                                              | 36.80      | 270.22    | 7339.73        | -2.76                | -102.64              | 102.63        | 12.33                | 398694.24           | 645537.06          |         |
| 7397.00                                                              | 40.51      | 269.80    | 7363.94        | -2.76                | -122.00              | 121.99        | 12.00                | 398694.24           | 645517.70          |         |
| 7429.00                                                              | 43.05      | 269.48    | 7387.80        | -2.90                | -143.31              | 143.31        | 7.97                 | 398694.10           | 645496.39          |         |
| 7459.00                                                              | 45.95      | 269.05    | 7409.19        | -3.17                | -164.34              | 164.33        | 9.72                 | 398693.83           | 645475.36          |         |
| 7489.00                                                              | 49.06      | 267.91    | 7429.46        | -3.76                | -186.45              | 186.44        | 10.74                | 398693.24           | 645453.25          |         |
| 7521.00                                                              | 51.84      | 267.67    | 7449.83        | -4.72                | -211.10              | 211.09        | 8.71                 | 398692.28           | 645428.60          |         |
| 7553.00                                                              | 54.63      | 267.93    | 7468.98        | -5.70                | -236.71              | 236.70        | 8.74                 | 398691.30           | 645402.99          |         |
| 7584.00                                                              | 57.22      | 267.60    | 7486.35        | -6.70                | -262.37              | 262.36        | 8.40                 | 398690.30           | 645377.33          |         |
| 7614.00                                                              | 59.83      | 267.42    | 7502.01        | -7.81                | -287.93              | 287.92        | 8.72                 | 398689.19           | 645351.77          |         |
| 7646.00                                                              | 62.28      | 267.48    | 7517.50        | -9.06                | -315.90              | 315.89        | 7.66                 | 398687.94           | 645323.80          |         |
| 7676.00                                                              | 65.03      | 268.08    | 7530.81        | -10.10               | -342.76              | 342.75        | 9.34                 | 398686.90           | 645296.94          |         |
| 7707.00                                                              | 67.84      | 268.64    | 7543.20        | -10.91               | -371.16              | 371.15        | 9.21                 | 398686.09           | 645268.54          |         |
| 7738.00                                                              | 70.59      | 268.66    | 7554.20        | -11.59               | -400.13              | 400.12        | 8.87                 | 398685.41           | 645239.57          |         |
| 7769.00                                                              | 71.35      | 268.56    | 7564.31        | -12.30               | -429.43              | 429.41        | 2.47                 | 398684.70           | 645210.27          |         |
| 7800.00                                                              | 72.09      | 268.49    | 7574.03        | -13.06               | -458.86              | 458.84        | 2.40                 | 398683.94           | 645180.84          |         |
| 7832.00                                                              | 72.51      | 268.51    | 7583.76        | -13.86               | -489.33              | 489.31        | 1.31                 | 398683.14           | 645150.37          |         |
| 7863.00                                                              | 72.81      | 268.54    | 7593.00        | -14.62               | -518.91              | 518.89        | 0.97                 | 398682.38           | 645120.79          |         |
| 7872.00                                                              | 72.73      | 268.39    | 7595.67        | -14.85               | -527.51              | 527.48        | 1.82                 | 398682.15           | 645112.19          |         |
| 7965.00                                                              | 74.36      | 267.84    | 7622.01        | -17.79               | -616.65              | 616.62        | 1.84                 | 398679.21           | 645023.05          |         |
| 7995.00                                                              | 75.72      | 267.81    | 7629.75        | -18.89               | -645.61              | 645.58        | 4.53                 | 398678.11           | 644994.09          |         |
| 8026.00                                                              | 76.65      | 267.39    | 7637.16        | -20.15               | -675.68              | 675.65        | 3.28                 | 398676.85           | 644964.02          |         |
| 8056.00                                                              | 78.52      | 267.71    | 7643.61        | -21.40               | -704.95              | 704.92        | 6.32                 | 398675.60           | 644934.75          |         |
| 8086.00                                                              | 79.29      | 267.71    | 7649.38        | -22.58               | -734.37              | 734.33        | 2.57                 | 398674.42           | 644905.33          |         |
| 8117.00                                                              | 80.43      | 268.03    | 7654.84        | -23.71               | -764.86              | 764.83        | 3.82                 | 398673.29           | 644874.84          |         |
| 8147.00                                                              | 81.08      | 268.29    | 7659.66        | -24.66               | -794.46              | 794.42        | 2.33                 | 398672.34           | 644845.24          |         |
| 8178.00                                                              | 83.07      | 268.11    | 7663.93        | -25.63               | -825.15              | 825.10        | 6.45                 | 398671.37           | 644814.55          |         |
| 8209.00                                                              | 84.67      | 268.29    | 7667.24        | -26.59               | -855.95              | 855.91        | 5.19                 | 398670.41           | 644783.75          |         |
| 8238.00                                                              | 86.15      | 268.36    | 7669.56        | -27.44               | -884.85              | 884.80        | 5.11                 | 398669.56           | 644754.85          |         |
| 8269.00                                                              | 86.85      | 268.26    | 7671.45        | -28.35               | -915.77              | 915.73        | 2.28                 | 398668.65           | 644723.93          |         |
| 8300.00                                                              | 88.11      | 268.30    | 7672.82        | -29.28               | -946.73              | 946.68        | 4.07                 | 398667.72           | 644692.97          |         |
| 8330.00                                                              | 89.58      | 268.18    | 7673.42        | -30.20               | -976.71              | 976.66        | 4.92                 | 398666.80           | 644662.99          |         |
| 8360.00                                                              | 91.61      | 267.74    | 7673.11        | -31.27               | -1006.69             | 1006.64       | 6.92                 | 398665.73           | 644633.01          |         |
| 8391.00                                                              | 92.45      | 268.01    | 7672.01        | -32.42               | -1037.65             | 1037.59       | 2.85                 | 398664.58           | 644602.05          |         |
| 8421.00                                                              | 93.43      | 269.05    | 7670.47        | -33.19               | -1067.60             | 1067.54       | 4.76                 | 398663.81           | 644572.10          |         |
| 8516.00                                                              | 94.05      | 270.46    | 7664.28        | -33.59               | -1162.39             | 1162.33       | 1.62                 | 398663.41           | 644477.31          |         |
| 8610.00                                                              | 92.66      | 271.23    | 7658.78        | -32.21               | -1256.21             | 1256.16       | 1.69                 | 398664.79           | 644383.49          |         |
| 8705.00                                                              | 92.52      | 271.12    | 7654.48        | -30.26               | -1351.10             | 1351.05       | 0.19                 | 398666.74           | 644288.60          |         |
| 8800.00                                                              | 93.57      | 271.30    | 7649.44        | -28.26               | -1445.94             | 1445.89       | 1.12                 | 398668.74           | 644193.76          |         |
| 8894.00                                                              | 92.80      | 271.60    | 7644.21        | -25.88               | -1539.77             | 1539.72       | 0.88                 | 398671.12           | 644099.93          |         |
| 8989.00                                                              | 93.01      | 271.62    | 7639.40        | -23.22               | -1634.61             | 1634.57       | 0.22                 | 398673.78           | 644005.09          |         |
| 9084.00                                                              | 91.61      | 272.21    | 7635.57        | -20.05               | -1729.47             | 1729.44       | 1.60                 | 398676.95           | 643910.23          |         |
| 9179.00                                                              | 90.63      | 271.50    | 7633.71        | -16.97               | -1824.40             | 1824.37       | 1.27                 | 398680.03           | 643815.30          |         |
| 9273.00                                                              | 89.86      | 271.16    | 7633.31        | -14.79               | -1918.38             | 1918.35       | 0.90                 | 398682.21           | 643721.32          |         |
| 9368.00                                                              | 90.42      | 270.96    | 7633.08        | -13.03               | -2013.36             | 2013.34       | 0.63                 | 398683.97           | 643626.34          |         |
| 9463.00                                                              | 89.79      | 270.90    | 7632.91        | -11.49               | -2108.35             | 2108.33       | 0.67                 | 398685.51           | 643531.35          |         |
| 9558.00                                                              | 90.77      | 270.91    | 7632.44        | -9.99                | -2203.33             | 2203.31       | 1.03                 | 398687.01           | 643436.37          |         |
| 9653.00                                                              | 93.43      | 269.74    | 7628.96        | -9.45                | -2298.26             | 2298.24       | 3.06                 | 398687.55           | 643341.44          |         |

## 5D Survey Report

| Survey Points (Relative to Slot centre, TVD relative to Drill Floor) |            |           |                |                     |                     |               |                      |                     |                    |         |
|----------------------------------------------------------------------|------------|-----------|----------------|---------------------|---------------------|---------------|----------------------|---------------------|--------------------|---------|
| MD<br>(US ft)                                                        | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | VS<br>(US ft) | DLS<br>(%/100 US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment |
| 9748.00                                                              | 94.48      | 269.88    | 7622.41        | -9.76               | -2393.03            | 2393.01       | 1.11                 | 398687.24           | 643246.67          |         |
| 9843.00                                                              | 93.63      | 269.74    | 7615.69        | -10.08              | -2487.79            | 2487.77       | 0.91                 | 398686.92           | 643151.91          |         |
| 9938.00                                                              | 91.96      | 269.84    | 7611.06        | -10.43              | -2582.67            | 2582.65       | 1.76                 | 398686.57           | 643057.03          |         |
| 10032.00                                                             | 93.01      | 269.49    | 7606.98        | -10.98              | -2676.58            | 2676.56       | 1.18                 | 398686.02           | 642963.12          |         |
| 10127.00                                                             | 91.05      | 269.90    | 7603.62        | -11.48              | -2771.51            | 2771.49       | 2.11                 | 398685.52           | 642868.19          |         |
| 10222.00                                                             | 91.61      | 269.73    | 7601.41        | -11.79              | -2866.49            | 2866.47       | 0.62                 | 398685.21           | 642773.21          |         |
| 10317.00                                                             | 90.28      | 269.07    | 7599.85        | -12.78              | -2961.47            | 2961.44       | 1.56                 | 398684.22           | 642678.23          |         |
| 10412.00                                                             | 89.23      | 269.87    | 7600.25        | -13.66              | -3056.46            | 3056.43       | 1.39                 | 398683.34           | 642583.24          |         |
| 10507.00                                                             | 92.24      | 269.80    | 7599.03        | -13.93              | -3151.44            | 3151.42       | 3.17                 | 398683.07           | 642488.26          |         |
| 10602.00                                                             | 91.33      | 269.57    | 7596.07        | -14.46              | -3246.39            | 3246.37       | 0.99                 | 398682.54           | 642393.31          |         |
| 10696.00                                                             | 93.64      | 269.59    | 7592.00        | -15.15              | -3340.30            | 3340.27       | 2.46                 | 398681.85           | 642299.40          |         |
| 10791.00                                                             | 93.57      | 269.30    | 7586.02        | -16.06              | -3435.10            | 3435.07       | 0.31                 | 398680.94           | 642204.60          |         |
| 10886.00                                                             | 93.43      | 269.40    | 7580.23        | -17.14              | -3529.92            | 3529.89       | 0.18                 | 398679.86           | 642109.78          |         |
| 10981.00                                                             | 94.20      | 269.20    | 7573.90        | -18.30              | -3624.70            | 3624.67       | 0.84                 | 398678.70           | 642015.00          |         |
| 11076.00                                                             | 93.29      | 271.14    | 7567.70        | -18.02              | -3719.49            | 3719.46       | 2.25                 | 398678.98           | 641920.21          |         |
| 11171.00                                                             | 91.89      | 271.68    | 7563.41        | -15.68              | -3814.36            | 3814.33       | 1.58                 | 398681.32           | 641825.34          |         |
| 11266.00                                                             | 91.89      | 271.84    | 7560.27        | -12.76              | -3909.27            | 3909.24       | 0.17                 | 398684.24           | 641730.43          |         |
| 11361.00                                                             | 92.17      | 271.87    | 7556.91        | -9.69               | -4004.16            | 4004.14       | 0.30                 | 398687.31           | 641635.54          |         |
| 11456.00                                                             | 91.33      | 270.39    | 7554.01        | -7.82               | -4099.09            | 4099.07       | 1.79                 | 398689.18           | 641540.61          |         |
| 11551.00                                                             | 90.98      | 269.78    | 7552.09        | -7.68               | -4194.07            | 4194.05       | 0.74                 | 398689.32           | 641445.63          |         |
| 11646.00                                                             | 89.44      | 269.59    | 7551.74        | -8.20               | -4289.07            | 4289.05       | 1.63                 | 398688.80           | 641350.63          |         |
| 11741.00                                                             | 92.17      | 268.22    | 7550.41        | -10.01              | -4384.03            | 4384.01       | 3.22                 | 398686.99           | 641255.67          |         |
| 11835.00                                                             | 91.47      | 267.19    | 7547.42        | -13.78              | -4477.90            | 4477.88       | 1.32                 | 398683.22           | 641161.80          |         |
| 11930.00                                                             | 91.89      | 268.36    | 7544.64        | -17.46              | -4572.79            | 4572.76       | 1.31                 | 398679.54           | 641066.91          |         |
| 12025.00                                                             | 91.47      | 269.27    | 7541.85        | -19.43              | -4667.73            | 4667.69       | 1.05                 | 398677.57           | 640971.97          |         |
| 12120.00                                                             | 92.31      | 271.26    | 7538.72        | -18.99              | -4762.67            | 4762.63       | 2.27                 | 398678.01           | 640877.03          |         |
| 12215.00                                                             | 92.87      | 271.41    | 7534.43        | -16.78              | -4857.55            | 4857.51       | 0.61                 | 398680.22           | 640782.15          |         |
| 12309.00                                                             | 93.29      | 271.47    | 7529.38        | -14.42              | -4951.38            | 4951.35       | 0.45                 | 398682.58           | 640688.32          |         |
| 12404.00                                                             | 92.94      | 270.85    | 7524.21        | -12.50              | -5046.22            | 5046.19       | 0.75                 | 398684.50           | 640593.48          |         |
| 12499.00                                                             | 90.49      | 270.58    | 7521.37        | -11.31              | -5141.16            | 5141.14       | 2.59                 | 398685.69           | 640498.54          |         |
| 12595.00                                                             | 93.57      | 271.28    | 7517.97        | -9.76               | -5237.08            | 5237.06       | 3.29                 | 398687.24           | 640402.62          |         |
| 12690.00                                                             | 92.94      | 270.85    | 7512.58        | -7.99               | -5331.91            | 5331.89       | 0.80                 | 398689.01           | 640307.79          |         |
| 12785.00                                                             | 91.12      | 271.04    | 7509.21        | -6.43               | -5426.83            | 5426.81       | 1.93                 | 398690.57           | 640212.87          |         |
| 12880.00                                                             | 93.64      | 272.23    | 7505.27        | -3.72               | -5521.70            | 5521.69       | 2.93                 | 398693.28           | 640118.00          |         |
| 12975.00                                                             | 92.59      | 272.23    | 7500.10        | -0.03               | -5616.49            | 5616.48       | 1.11                 | 398696.97           | 640023.21          |         |
| 13070.00                                                             | 90.35      | 270.51    | 7497.67        | 2.24                | -5711.42            | 5711.42       | 2.97                 | 398699.24           | 639928.28          |         |
| 13164.00                                                             | 93.22      | 272.16    | 7494.74        | 4.43                | -5805.33            | 5805.33       | 3.52                 | 398701.43           | 639834.37          |         |
| 13260.00                                                             | 92.52      | 270.47    | 7489.93        | 6.63                | -5901.18            | 5901.19       | 1.90                 | 398703.63           | 639738.52          |         |
| 13354.00                                                             | 90.91      | 270.82    | 7487.12        | 7.68                | -5995.13            | 5995.14       | 1.75                 | 398704.68           | 639644.57          |         |
| 13448.00                                                             | 89.93      | 269.78    | 7486.43        | 8.18                | -6089.13            | 6089.13       | 1.52                 | 398705.18           | 639550.57          |         |
| 13543.00                                                             | 91.12      | 268.89    | 7485.56        | 7.07                | -6184.11            | 6184.12       | 1.56                 | 398704.07           | 639455.59          |         |
| 13638.00                                                             | 92.52      | 268.50    | 7482.54        | 4.91                | -6279.04            | 6279.04       | 1.53                 | 398701.91           | 639360.66          |         |
| 13733.00                                                             | 92.73      | 266.18    | 7478.19        | 0.51                | -6373.83            | 6373.82       | 2.45                 | 398697.51           | 639265.87          |         |
| 13828.00                                                             | 93.57      | 266.63    | 7472.97        | -5.44               | -6468.50            | 6468.48       | 1.00                 | 398691.56           | 639171.20          |         |
| 13923.00                                                             | 93.50      | 269.68    | 7467.11        | -8.49               | -6563.26            | 6563.24       | 3.21                 | 398688.51           | 639076.44          |         |
| 14017.00                                                             | 93.85      | 270.78    | 7461.09        | -8.12               | -6657.06            | 6657.04       | 1.23                 | 398688.88           | 638982.64          |         |
| 14113.00                                                             | 92.87      | 270.77    | 7455.46        | -6.82               | -6752.89            | 6752.87       | 1.02                 | 398690.18           | 638886.81          |         |
| 14208.00                                                             | 92.87      | 270.26    | 7450.70        | -5.97               | -6847.76            | 6847.75       | 0.54                 | 398691.03           | 638791.94          |         |
| 14286.00                                                             | 92.34      | 270.95    | 7447.16        | -5.14               | -6925.68            | 6925.66       | 1.11                 | 398691.86           | 638714.02          |         |
| 14380.00                                                             | 91.15      | 271.86    | 7444.30        | -2.84               | -7019.60            | 7019.59       | 1.59                 | 398694.16           | 638620.10          |         |
| 14476.00                                                             | 91.60      | 272.06    | 7441.99        | 0.44                | -7115.52            | 7115.51       | 0.51                 | 398697.44           | 638524.18          |         |
| 14570.00                                                             | 90.62      | 271.84    | 7440.17        | 3.64                | -7209.45            | 7209.44       | 1.07                 | 398700.64           | 638430.25          |         |
| 14665.00                                                             | 91.11      | 269.51    | 7438.74        | 4.76                | -7304.42            | 7304.42       | 2.51                 | 398701.76           | 638335.28          |         |
| 14760.00                                                             | 90.88      | 268.34    | 7437.09        | 2.98                | -7399.39            | 7399.39       | 1.25                 | 398699.98           | 638240.31          |         |
| 14855.00                                                             | 90.86      | 269.27    | 7435.64        | 1.00                | -7494.36            | 7494.35       | 0.98                 | 398698.00           | 638145.34          |         |
| 14950.00                                                             | 90.97      | 271.86    | 7434.13        | 1.93                | -7589.33            | 7589.33       | 2.73                 | 398698.93           | 638050.37          |         |
| 15045.00                                                             | 91.05      | 272.22    | 7432.45        | 5.31                | -7684.26            | 7684.26       | 0.39                 | 398702.31           | 637955.44          |         |
| 15140.00                                                             | 91.67      | 270.81    | 7430.20        | 7.83                | -7779.19            | 7779.20       | 1.62                 | 398704.83           | 637860.51          |         |
| 15235.00                                                             | 91.73      | 269.85    | 7427.38        | 8.37                | -7874.15            | 7874.15       | 1.01                 | 398705.37           | 637765.55          |         |

## 5D Survey Report

| Survey Points (Relative to Slot centre, TVD relative to Drill Floor) |            |           |                |                     |                     |               |                      |                     |                    |              |
|----------------------------------------------------------------------|------------|-----------|----------------|---------------------|---------------------|---------------|----------------------|---------------------|--------------------|--------------|
| MD<br>(US ft)                                                        | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | VS<br>(US ft) | DLS<br>(°/100 US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment      |
| 15329.00                                                             | 91.79      | 269.41    | 7424.49        | 7.77                | -7968.10            | 7968.11       | 0.47                 | 398704.77           | 637671.60          |              |
| 15424.00                                                             | 91.67      | 269.92    | 7421.62        | 7.21                | -8063.06            | 8063.06       | 0.55                 | 398704.21           | 637576.64          |              |
| 15519.00                                                             | 92.34      | 269.97    | 7418.30        | 7.12                | -8158.00            | 8158.00       | 0.71                 | 398704.12           | 637481.70          |              |
| 15614.00                                                             | 92.47      | 269.85    | 7414.31        | 6.97                | -8252.92            | 8252.92       | 0.19                 | 398703.97           | 637386.78          |              |
| 15708.00                                                             | 92.22      | 269.23    | 7410.47        | 6.22                | -8346.83            | 8346.83       | 0.71                 | 398703.22           | 637292.87          |              |
| 15803.00                                                             | 92.41      | 270.31    | 7406.63        | 5.83                | -8441.75            | 8441.75       | 1.15                 | 398702.83           | 637197.95          |              |
| 15898.00                                                             | 91.36      | 271.62    | 7403.51        | 7.43                | -8536.69            | 8536.69       | 1.77                 | 398704.43           | 637103.01          |              |
| 15993.00                                                             | 91.48      | 271.84    | 7401.15        | 10.30               | -8631.61            | 8631.62       | 0.26                 | 398707.30           | 637008.09          |              |
| 16088.00                                                             | 89.12      | 272.57    | 7400.65        | 13.96               | -8726.53            | 8726.54       | 2.60                 | 398710.96           | 636913.17          |              |
| 16183.00                                                             | 89.32      | 274.23    | 7401.95        | 19.59               | -8821.35            | 8821.37       | 1.76                 | 398716.59           | 636818.35          |              |
| 16278.00                                                             | 88.95      | 272.65    | 7403.38        | 25.29               | -8916.17            | 8916.20       | 1.71                 | 398722.29           | 636723.53          |              |
| 16372.00                                                             | 92.65      | 271.82    | 7402.07        | 28.95               | -9010.07            | 9010.11       | 4.03                 | 398725.95           | 636629.63          |              |
| 16468.00                                                             | 94.20      | 269.48    | 7396.33        | 30.04               | -9105.88            | 9105.92       | 2.92                 | 398727.04           | 636533.82          |              |
| 16563.00                                                             | 93.02      | 266.14    | 7390.35        | 26.42               | -9200.61            | 9200.64       | 3.72                 | 398723.42           | 636439.09          |              |
| 16658.00                                                             | 92.65      | 264.34    | 7385.65        | 18.55               | -9295.16            | 9295.18       | 1.93                 | 398715.54           | 636344.54          |              |
| 16751.00                                                             | 93.77      | 266.67    | 7380.44        | 11.27               | -9387.72            | 9387.73       | 2.78                 | 398708.27           | 636251.98          |              |
| 16846.00                                                             | 91.30      | 266.86    | 7376.24        | 5.91                | -9482.47            | 9482.47       | 2.61                 | 398702.91           | 636157.23          |              |
| 16940.00                                                             | 94.07      | 271.31    | 7371.84        | 4.41                | -9576.32            | 9576.32       | 5.57                 | 398701.41           | 636063.38          |              |
| 16998.00                                                             | 92.53      | 271.07    | 7368.50        | 5.61                | -9634.21            | 9634.21       | 2.69                 | 398702.61           | 636005.49          | Last Wft Svy |
| 17019.00                                                             | 92.53      | 271.07    | 7367.57        | 6.00                | -9655.19            | 9655.19       | 0.00                 | 398703.00           | 635984.51          | Proj. To Bit |

Poker Lake Unit 457H  
Eddy Co, NM

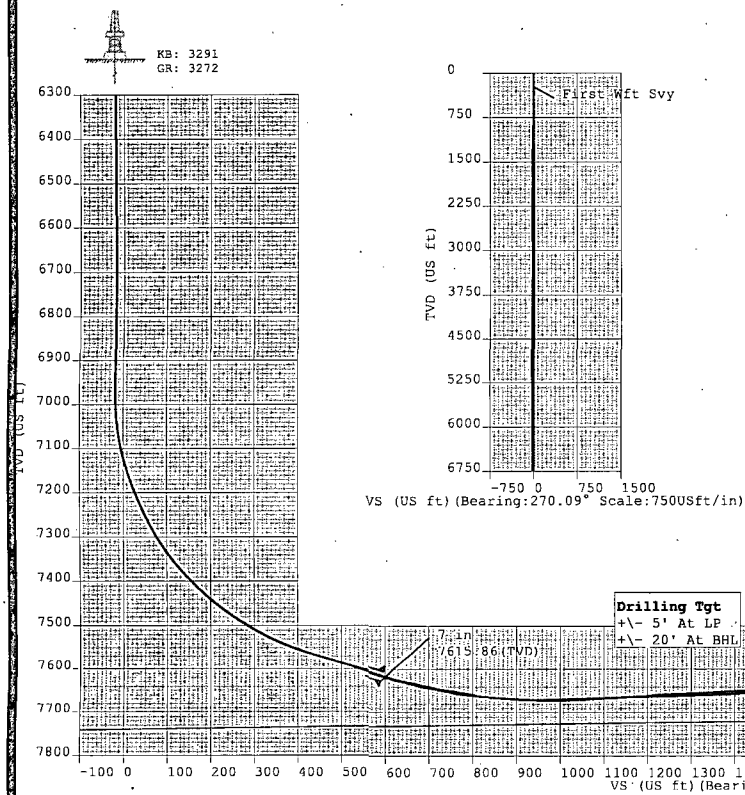
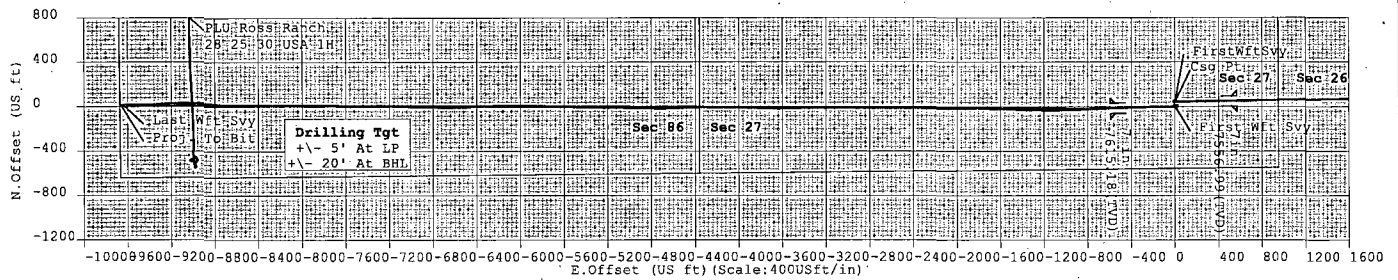
```

PLU 457H
PLU 421H
PLU 421H
PLU Ross Ranch 28 25 30 USA 1H
PLU 457H

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# Weatherford



| Plan Data for FLU 457H           |       |        |         |                                   |          |           |           |           |        |        |
|----------------------------------|-------|--------|---------|-----------------------------------|----------|-----------|-----------|-----------|--------|--------|
| Plan Point Information:          |       |        |         |                                   |          |           |           |           |        |        |
| DogLeg Severity Unit: */100.00ft |       |        |         | Position offsets from Slot centre |          |           |           | DLS       |        |        |
| MD                               | In    | Az     | TVD     | +N/-S                             | +E/-W    | Northing  | Easting   | VSec      |        |        |
| (USft)                           | (°)   | (°)    | (USft)  | (USft)                            | (USft)   | (USft)    | (USft)    | (USft)    | (USft) | (DLSU) |
| .7872                            | 00    | 72.73  | 268.39  | 7595.67                           | -14.85   | -527.51   | 398682.15 | 645112.19 | 527.48 | 1.82   |
| 7940.00                          | 72.73 | 268.39 | 7615.86 | -16.68                            | -592.41  | 398680.32 | 645047.29 | 592.39    | 0.00   |        |
| 8350.05                          | 92.02 | 270.24 | 7670.00 | -21.35                            | -996.88  | 398675.65 | 645462.82 | 986.84    | 4.73   |        |
| 17019.05                         | 92.02 | 270.24 | 7364.00 | 15.50                             | -9660.40 | 398712.50 | 635979.30 | 9660.41   | 0.00   |        |

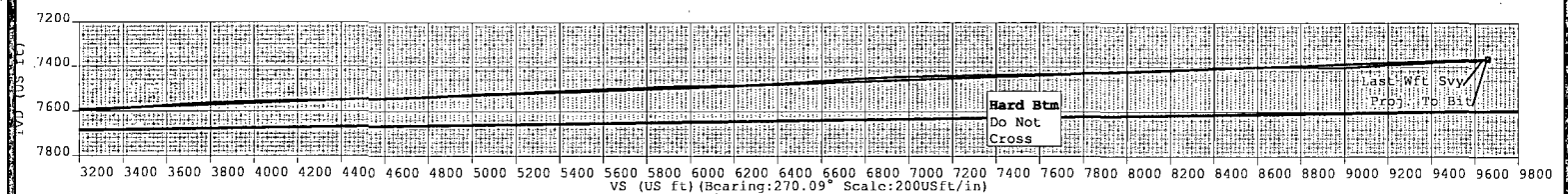
| Plan Data for PLU 457H  |                                   |           |          |           |           |         |        |         |  |
|-------------------------|-----------------------------------|-----------|----------|-----------|-----------|---------|--------|---------|--|
| Target Set Information: |                                   |           |          |           |           |         |        |         |  |
| Name: PLU 457H          |                                   |           |          |           |           |         |        |         |  |
| Name                    | Position offsets from Slot centre |           |          |           |           |         |        |         |  |
|                         | TVD                               | Elevation | +N/-S    | +E/-W     | Northing  | Easting | Shape  | Comment |  |
|                         | (USFT)                            | (USFT)    | (USFT)   | (USFT)    | (USFT)    | (USFT)  |        |         |  |
| PBHL W364.00            | -4073.00                          | 15.50     | -9660.40 | 398712.50 | 635979.30 |         | Cuboid |         |  |
| HB For Dwg 7731.00      | -4840.00                          | 1.21      | -764.91  | 398668.23 | 644874.79 |         | Cuboid |         |  |
| HB For Dwg 2 7598.00    | -4307.00                          | 15.50     | -9660.40 | 398712.50 | 635979.30 |         | Cuboid |         |  |

```

Plan Data for PLU 457H

Slot: PLU 457H
Position:
Offset is from Site centre
+N/-S: 0.00USft      Northing: 398697.00USft      Latitude: 32°5'42.9"
+E/-W: 0.00USft      Easting: 645639.70USft      Longitude: -103°51'46.9"
Elevation Above VRD: 3272.00USft

```



Sign Off: Russell Joyner