



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 1 Date: 5/11/2013 06:00

|                        |            |                  |                    |                |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                               |                                |                                     |                           |
|---|------------------------------|-------------------------------|--------------------------------|-------------------------------------|---------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$33,140 | Cum To Date (Cost)<br>\$33,140 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>5.0 |
|---|------------------------------|-------------------------------|--------------------------------|-------------------------------------|---------------------------|

| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| DRILLING   | 1.00                | \$33,140                     | \$33,140               | \$1,590,000         | \$1,556,860          |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

Daily Operations

|                                 |                         |                        |                     |                    |                              |
|---------------------------------|-------------------------|------------------------|---------------------|--------------------|------------------------------|
| Rig<br>PRO OILFIELD SERVICES, 1 |                         |                        |                     |                    |                              |
| Drilled Last 24 Hours (ft)      | End Depth (ftKB)<br>0.0 | End Depth (TVD) (ftKB) | DFS (days)<br>-0.35 | Report Number<br>1 | Report End Date<br>5/11/2013 |
| Last Casing String              |                         |                        |                     |                    |                              |

|                              |   |
|------------------------------|---|
| Status at 6 AM<br>RIGGING UP | 24 Hour Forecast<br>FINISH RIGGING UP SND SPUD WELL |
|------------------------------|---|

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description           |
|------------|----------|----------|-----------|------------|-----------------------|
| 06:00      | 06:00    | 24.00    | MOB       | ACTIVE     | SET RIG IN AND RIG UP |



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 2 Date: 5/12/2013 06:00

| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                              |                                |                                     |                           |
|---|------------------------------|------------------------------|--------------------------------|-------------------------------------|---------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$1,640 | Cum To Date (Cost)<br>\$34,780 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>9.8 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost) | Cum Phase Costs (Cost)         | Planned Cost (Cost)                 | Cost Variance (Cost)      |
| DRILLING  | 2.00                         | \$1,640                      | \$34,780                       | \$1,590,000                         | \$1,555,220               |
| COMPLETION  | 0.00                         | \$0                          | \$0                            | \$591,900                           | \$591,900                 |

Daily Operations

|                            |                  |                        |            |               |                 |
|----------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig                        |                  |                        |            |               |                 |
| PRO OILFIELD SERVICES, 1   |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft) | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 360.00                     | 385.0            |                        | 0.65       | 2             | 5/12/2013       |

Last Casing String

|                                      |  |
|--------------------------------------|--|
| Status at 6 AM<br>WORKING STUCK PIPE | 24 Hour Forecast<br>WORKING PIPE FISHING |
|--------------------------------------|--|

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 14:30    | 8.50     | MOB       | ACTIVE     | FINISH RIGGING UP  |
| 14:30      | 01:00    | 10.50    | DRLG      | ACTIVE     | SPUD WELL FROM 0' GL (25' KB) TO 360' GL (385' KB) TAKING SURVEYS EVERY 95' AND PUMPING HIGH VIS SWEEPS EVERY 95' 25K WOB 75 RPM ON TOP DRIVE STAGE FLOW RATE FROM 250 UP TO 420 GPM   |
| 01:00      | 06:00    | 5.00     | FISH      | ACTIVE     | WORK STUCK PIPE @ 385' RAN SURVEY MADE BACK UP ON STUMP KICKED PUMP IN AND PICKED UP PULLED TIGHT PULLED 30K OVER STRING WEIGHT. STRING WEIGHT WAS 25K. PUMP PSI WENT TO 1,200# TRYED BLEEDING OFF PSI AND WORKING PIPE. PIPE WOULD NOT FREE UP. |



UNIVERSITY 52-23 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

## Partner Report

Report # 3 Date: 5/13/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

## Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

## Costs

|   |                              |                              |                                 |                                     |                            |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$2,040 | Cum To Date (Cost)<br>\$200,820 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>14.0 |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|

| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| DRILLING   | 3.00                | \$2,040                      | \$200,820              | \$1,590,000         | \$1,389,180          |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

## Daily Operations

Rig

PRO OILFIELD SERVICES, 1

|                                    |                           |                        |                    |                    |                              |
|------------------------------------|---------------------------|------------------------|--------------------|--------------------|------------------------------|
| Drilled Last 24 Hours (ft)<br>0.00 | End Depth (ftKB)<br>385.0 | End Depth (TVD) (ftKB) | DFS (days)<br>1.65 | Report Number<br>3 | Report End Date<br>5/13/2013 |
|------------------------------------|---------------------------|------------------------|--------------------|--------------------|------------------------------|

Last Casing String

Status at 6 AM

RUNNING FREE POINT

24 Hour Forecast

JAR ON STUCK BHA

## Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 13:00    | 7.00     | FISH      | ACTIVE     | WORK STUCK PIPE. PIPE STUCK @ 385' PICKED UP A SET OF SURFACE JARS JARRED ON STUCK NO MOVEMENT IN THE 7HR OF JARRING. CALLED FOR FREE POINT TRUCK. |
| 13:00      | 15:00    | 2.00     | FISH      | ACTIVE     | WAIT ON FREE POINT TRUCK   |
| 15:00      | 21:00    | 6.00     | FISH      | ACTIVE     | KEEP JARRING WILE WAITING ON FREE POINT TRUCK.   |
| 21:00      | 22:00    | 1.00     | FISH      | ACTIVE     | LAY DOWN JARS  |
| 22:00      | 02:00    | 4.00     | FISH      | ACTIVE     | WAIT ON FREE POINT TRUCK   |
| 02:00      | 04:00    | 2.00     | FISH      | ACTIVE     | HAVE SAFETY MEETING WITH FREE POINT CREW AND RIG UP FREE POINT TRUCK   |
| 04:00      | 06:00    | 2.00     | FISH      | ACTIVE     | RUN TOOLS IN HOLE FIND STUCK POINT SHOWED TO BE STUCK FROM SHOCK BACK UP TO FIRST 6" DC 80% OF 6"DC STUCK 167' OF BHA STUCK.                       |



UNIVERSITY 52-23 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

## Partner Report

Report # 4 Date: 5/14/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      |                            |                       | State/Province<br>TX          |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

## Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

## Costs

|   |                              |                              |                                 |                                     |                            |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$2,040 | Cum To Date (Cost)<br>\$202,860 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>17.8 |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|

| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| DRILLING   | 4.00                | \$2,040                      | \$202,860              | \$1,590,000         | \$1,387,140          |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

## Daily Operations

Rig

PRO OILFIELD SERVICES, 1

|                                    |                           |                                 |                    |                    |                              |
|------------------------------------|---------------------------|---------------------------------|--------------------|--------------------|------------------------------|
| Drilled Last 24 Hours (ft)<br>0.00 | End Depth (ftKB)<br>385.0 | End Depth (TVD) (ftKB)<br>384.7 | DFS (days)<br>2.65 | Report Number<br>4 | Report End Date<br>5/14/2013 |
|------------------------------------|---------------------------|---------------------------------|--------------------|--------------------|------------------------------|

Last Casing String

Status at 6 AM

WOC

24 Hour Forecast

WOC

## Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 08:00    | 2.00     | FISH      | ACTIVE     | BACK OFF LEAVING 1-BIT 3-8"DC SHOCK SUB AND 1-6"DC IN HOLE 138' OF BHA LEFT IN HOLE. |
| 08:00      | 09:00    | 1.00     | FISH      | ACTIVE     | LAY DOWN FREE POINT TOOLS AND RIG DOWN TRUCK.  |
| 09:00      | 10:00    | 1.00     | FISH      | ACTIVE     | TOOH TO PICK UP JARS.  |
| 10:00      | 12:30    | 2.50     | FISH      | ACTIVE     | PICK UP JARS AND TIH.  |
| 12:30      | 19:30    | 7.00     | FISH      | ACTIVE     | JAR ON STUCK PIPE FOR 7HR NO MOVEMENT NO CIRCULATION.                                |
| 19:30      | 00:30    | 5.00     | FISH      | ACTIVE     | WAIT ON FREEPOINT TRUCK AND RUN FREE POINT AND BACK OFF ON TOP OF FISH.              |
| 00:30      | 02:00    | 1.50     | TRIP      | ACTIVE     | LAY DOWN DC AND JARS   |
| 02:00      | 03:00    | 1.00     | TRIP      | ACTIVE     | TIH WITH DP TO TOP OF FISH @ 218'  |
| 03:00      | 04:00    | 1.00     | CMTPRI    | ACTIVE     | PUMP CMT CIRCULATE BACK TO SURFACE WITH 225 SX TOOH AND TOP OUT WITH 25 SX           |
| 04:00      | 06:00    | 2.00     | CMTPRI    | ACTIVE     | WOC  |



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 5 Date: 5/15/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                              |                                 |                                     |                            |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$2,040 | Cum To Date (Cost)<br>\$204,900 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>20.9 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost) | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 5.00                         | \$2,040                      | \$204,900                       | \$1,590,000                         | \$1,385,100                |
| COMPLETION  | 0.00                         | \$0                          | \$0                             | \$591,900                           | \$591,900                  |

Daily Operations

|                            |                  |                        |            |               |                 |
|----------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig                        |                  |                        |            |               |                 |
| PRO OILFIELD SERVICES, 1   |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft) | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 80.00                      | 105.0            | 105.0                  | 3.65       | 5             | 5/15/2013       |

Last Casing String

|                       |   |
|-----------------------|---|
| Status at 6 AM<br>WOC | 24 Hour Forecast<br>WOC DRILL STARTER HOLE FOR DD TOOLS |
|-----------------------|---|

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 04:00    | 22.00    | CMTPRI    | ACTIVE     | WOC A TOTLE OF 24HR   |
| 04:00      | 06:00    | 2.00     | DRLG      | ACTIVE     | DRILL F/ 25 T/ 80 ( 105KB) WOB 20 ROTY 30 DOWN HOLE RPM 106 PUMP RATE STAGE UP FROM 250 TO 420 GPM PUMPING HIGH VIS PILLS EVERY 95' |



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 6 Date: 5/16/2013 06:00

|                        |            |                  |                    |                |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                              |                                 |                                     |                            |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$2,040 | Cum To Date (Cost)<br>\$206,940 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>24.5 |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|

| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| DRILLING   | 6.00                | \$2,040                      | \$206,940              | \$1,590,000         | \$1,383,060          |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

Daily Operations

|                                 |                  |                        |            |               |                 |
|---------------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig<br>PRO OILFIELD SERVICES, 1 |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft)      | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 265.00                          | 370.0            | 369.7                  | 4.65       | 6             | 5/16/2013       |

Last Casing String

|                            |                                |
|----------------------------|--------------------------------|
| Status at 6 AM<br>DRILLING | 24 Hour Forecast<br>TD SURFACE |
|----------------------------|--------------------------------|

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 06:00    | 24.00    | DRLG      | ACTIVE     | TIME DRILL F/ 80' TO 370' 5MIN TO 1" FULL RETURNS PUMPING HIGH VIS SWEEPS EVERY 95' 20 WOB RPM 76 100% SLIDE |



UNIVERSITY 52-23 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

## Partner Report

Report # 7 Date: 5/17/2013 06:00

| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

## Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

## Costs

|   |                              |                              |                                 |                                     |                            |
|---|------------------------------|------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$2,040 | Cum To Date (Cost)<br>\$208,980 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>29.2 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost) | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 7.00                         | \$2,040                      | \$208,980                       | \$1,590,000                         | \$1,381,020                |
| COMPLETION  | 0.00                         | \$0                          | \$0                             | \$591,900                           | \$591,900                  |

## Daily Operations

|  |                           |                        |  |                    |                              |
|--|---------------------------|------------------------|--|--------------------|------------------------------|
| Rig<br>PRO OILFIELD SERVICES, 1          |                           |                        |  |                    |                              |
| Drilled Last 24 Hours (ft)<br>424.00     | End Depth (ftKB)<br>794.0 | End Depth (TVD) (ftKB) | DFS (days)<br>5.65                                       | Report Number<br>7 | Report End Date<br>5/17/2013 |
| Last Casing String<br>SURFACE, 794.0ftKB |                           |                        |  |                    |                              |
| Status at 6 AM<br>RIGGING DOWN CMT CREW  |                           |                        | 24 Hour Forecast<br>RIG DOWN INSTALL WELL HEAD MOVE RIG. |                    |                              |

## Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 14:00    | 8.00     | DRLG      | ACTIVE     | DRILL F/ 370' T/ 769' PUMPING HIGH VIS SWEEPS EVERY 95' PUMP RATE 450 GPM WOB 25 RPM 105   |
| 14:00      | 15:30    | 1.50     | CIRC      | ACTIVE     | CIRCULATE 2 HIGH VIS PILLS AROUND SPOT HIGH PILL ON BACK SIDE  |
| 15:30      | 23:00    | 7.50     | TRIP      | ACTIVE     | TOOH WITH MIN DRAG LAY DOWN 8" DC AND DD TOOLS   |
| 23:00      | 03:00    | 4.00     | CSG       | ACTIVE     | RIG UP CRT AND RUN 9 5/8 CSG TO 794' SET AT 769' RAN CENT MIDDLE OF FIRST JT AND EVERY OTHER JT THERE AFTER. TOTLE OF 10.  |
| 03:00      | 04:00    | 1.00     | CIRC      | ACTIVE     | CIRCULATE HOLE 1 1/2 TIME THE CAPACITY OF THE HOLE TO ENSURE FLOAT EQUIPMENT IS CLEAR PRIOR TO CMT JOB.  |
| 04:00      | 06:00    | 2.00     | CMTPRI    | ACTIVE     | RIG UP CMT CREW TEST LINES TO 2,500PSI PUMP 20 BBL FRESH WATER SPACER 106 BBLS TAIL CMT @ 13.5 PPG 340SX DROPED PLUG AND DISPLACED WITH 45BBLS FLOAT HELD RIG DOWN CMT CREW CIRCULATED 60BBLS OF CMT 192SX |



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 8 Date: 5/18/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$58,032 | Cum To Date (Cost)<br>\$267,012 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>32.0 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 7.21                         | \$58,032                      | \$267,012                       | \$1,590,000                         | \$1,322,988                |
| COMPLETION  | 0.00                         | \$0                           | \$0                             | \$591,900                           | \$591,900                  |

Daily Operations

|  |                           |                        |                            |                    |                              |
|--|---------------------------|------------------------|----------------------------|--------------------|------------------------------|
| Rig<br>PRO OILFIELD SERVICES, 1          |                           |                        |                            |                    |                              |
| Drilled Last 24 Hours (ft)<br>0.00       | End Depth (ftKB)<br>794.0 | End Depth (TVD) (ftKB) | DFS (days)<br>6.65         | Report Number<br>8 | Report End Date<br>5/18/2013 |
| Last Casing String<br>SURFACE, 794.0ftKB |                           |                        |                            |                    |                              |
| Status at 6 AM<br>MOVE RIG               |                           |                        | 24 Hour Forecast<br>RIG UP |                    |                              |

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 08:00    | 2.00     | RIGD      | ACTIVE     | RIG DOWN FLOOR AND MAKE RUFF CUT ON 9 5/8" CSG MOVE RIG OFF HOLE.   |
| 08:00      | 11:00    | 3.00     | WLHEAD    | ACTIVE     | INSTALL WELL HEAD 14" BELOW GROUND LEVEL TEST TO 1,500 PSI NICK SHAP WITNESS TEST. RIG RELEASED @ 11:00AM |





**UNIVERSITY 52-23 7H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 9 Date: 5/22/2013 06:00**

| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$38,183 | Cum To Date (Cost)<br>\$356,804 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>38.7 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 8.21                         | \$38,183                      | \$356,804                       | \$1,590,000                         | \$1,233,196                |
| COMPLETION  | 0.00                         | \$0                           | \$0                             | \$591,900                           | \$591,900                  |

**Daily Operations**

|                              |                  |                        |            |               |                 |
|------------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig                          |                  |                        |            |               |                 |
| CACTUS DRILLING COMPANY, 138 |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft)   | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 0.00                         | 794.0            |                        | 10.65      | 9             | 5/22/2013       |

|  |  |
|--|--|
| Last Casing String<br>SURFACE, 794.0ftKB |  |
| Status at 6 AM<br>WAITING ON DAY LIGHT   | 24 Hour Forecast<br>RIG DOWN ON UNIVERSITY 52-24 4H AND R/U ON UNIVERSITY 52-23 7H |

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 06:30    | 0.50     | SAFETY    | ACTIVE     | SAFETY MEETING WITH DEVON,FOWLER AND RIG CREWS   |
| 06:30      | 18:00    | 11.50    | MOB       | ACTIVE     | RIG DOWN WALKING PACKAGE, BOP WRENCHES, TOP DRIVE, DES EQUIPMENT, RIG FLOOR, MUD TANKS , WATER TANKS , MUD PUMPS ,TOP DRIVE HOUSE, ACCUMULATOR ,PIPE WRANGLER, INSTALL BLOCK CRADLE, LOAD OUT AND MOVE ,DRILL PIPE, MISS. EQ.,DES EQUIPMENT ,BOPS,ACCUMULATOR, V-DOOR/CATWALK, PIPE WRANGLER TO UNIVERSITY 52-23 7H, DERRICK ON RACK AT 18:30<br><br>50% RIGGED DOWN<br>15% MOVED<br>0% SET IN<br>0% RIGGED UP<br>24 HOURS FROM RIG RELEASE<br><br>FOWLER TRUCKING ON LOCATION<br>8 TRUCKS<br>0 CRANES<br>1 TANDEM<br>1 POLE TRUCK<br>1 FORKLIFT |
| 18:00      | 06:00    | 12.00    | SHUTDOWN  | ACTIVE     | WAITING ON DAYLIGHT  |

**UNIVERSITY 52-23 7H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 10 Date: 5/23/2013 06:00**

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$26,783 | Cum To Date (Cost)<br>\$383,587 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>41.5 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 9.21                         | \$26,783                      | \$383,587                       | \$1,590,000                         | \$1,206,413                |
| COMPLETION  | 0.00                         | \$0                           | \$0                             | \$591,900                           | \$591,900                  |

**Daily Operations**

|  |                           |                        |   |                     |                              |
|--|---------------------------|------------------------|---|---------------------|------------------------------|
| Rig<br>CACTUS DRILLING COMPANY, 138      |                           |                        |   |                     |                              |
| Drilled Last 24 Hours (ft)<br>0.00       | End Depth (ftKB)<br>794.0 | End Depth (TVD) (ftKB) | DFS (days)<br>11.65   | Report Number<br>10 | Report End Date<br>5/23/2013 |
| Last Casing String<br>SURFACE, 794.0ftKB |                           |                        |   |                     |                              |
| Status at 6 AM<br>WAITING ON DAY LIGHT   |                           |                        | 24 Hour Forecast<br>RIG UP ON UNIVERSITY 52-23 7H AND FINISH HAULING EVERYTHING OFF UNIVERSITY 52-24 4H |                     |                              |

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 06:30    | 0.50     | SAFETY    | ACTIVE     | SAFETY MEETING WITH DEVON, CACTUS DRILLING, FOWLER  |
| 06:30      | 18:00    | 11.50    | MOB       | ACTIVE     | MOVE MUD TANKS, WATER TANK'S, MOTOR PACKAGE, REMOVE DERRICK FROM FLOOR AND MOVE, REMOVE DOG HOUSE, REMOVE DRAWWORKS, REMOVE CENTER STEEL AND SPLIT SUBS, AND HAUL SAME, SET MUD TANK'S, MUD PUMP'S, MOTOR PACKAGE, DIESEL TANK, WATER TANK'S<br><br>EMAIL WAS SENT TO UNIVERSITY LAND ON INTENT TO MOVE ON 5/21/2013<br>PERFORMED ROUTE ASSESSMENT WITH FOWLER<br>SAFETY MAN ON LOCATION 12 HOURS, MERIDITH FOR 4 HOUR'S<br><br>100% RIG DOWNED<br>85% HAULED<br>50% SET IN<br>30% RIGGED UP<br><br>ON LOCATION<br>6 ROAD TRUCK<br>2 TANDEM<br>2 CRANES<br>2 POLE TRUCKS<br>2 FORKLIFT<br>48 HOURS FROM RIG RELEASE |
| 18:00      | 06:00    | 12.00    | SHUTDOWN  | ACTIVE     | WAITING ON DAY LIGHT  |



**UNIVERSITY 52-23 7H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 11 Date: 5/24/2013 06:00**

|                        |            |                  |                    |                |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$39,589 | Cum To Date (Cost)<br>\$434,576 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>44.0 |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|

| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| DRILLING   | 10.21               | \$39,589                     | \$434,576              | \$1,590,000         | \$1,155,424          |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

**Daily Operations**

|                                     |                  |                        |            |               |                 |
|-------------------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138 |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft)          | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 0.00                                | 794.0            |                        | 12.65      | 11            | 5/24/2013       |

Last Casing String  
SURFACE, 794.0ftKB

|  |   |
|--|---|
| Status at 6 AM<br>SAFETY MEETING WITH CACTUS DRILLING, DEVON, FOWLER | 24 Hour Forecast<br>RIG UP ON UNIVERSITY 52-23 7H |
|--|---|

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 06:30    | 0.50     | SAFETY    | ACTIVE     | SAFETY MEETING WITH DEVON, CACTUS DRILLING, FOWLER  |
| 06:30      | 18:00    | 11.50    | MOB       | ACTIVE     | MOVE AND SET UP TRAILER HOUSE'S, DRESS OUT MUD TANK'S, SET SUBS, SET RACKING MAT, PIN DERRICK, SET DOGHOUSE ON RIG FLOOR, SET DRAWWORKS AND DRILL LINE SPOOL ON SUBS, SPOT WATER TANKS, DIESEL TANK, DRESS DERRICK TO RAISE<br><br>100% RIGGED DOWN<br>100% MOVED<br>75% SET IN<br>60% RIGGED UP<br>72 HOURS FROM RIG RELEASE<br>3.8 MILE MOVE WITH FOWLER TRUCKING<br><br>ON LOCATION<br>7 ROAD TRUCK<br>2 TANDEM<br>1 CRAWLER AND 1 MOBLE CRANE<br>2 POLE TRUCKS<br>2 FORKLIFT<br>72 HOURS FROM RIG RELEASE<br><br>SAFETY MAN ON LOCATION FOR 12 HOUR'S |
| 18:00      | 06:00    | 12.00    | SHUTDOWN  | ACTIVE     | WAITING ON DAYLIGHT   |



**UNIVERSITY 52-23 7H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 12 Date: 5/25/2013 06:00**

| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$43,916 | Cum To Date (Cost)<br>\$478,267 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>46.3 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 11.21                        | \$43,916                      | \$478,267                       | \$1,590,000                         | \$1,111,733                |
| COMPLETION  | 0.00                         | \$0                           | \$0                             | \$591,900                           | \$591,900                  |

**Daily Operations**

|  |                           |  |                     |                     |                              |
|--|---------------------------|--|---------------------|---------------------|------------------------------|
| Rig<br>CACTUS DRILLING COMPANY, 138      |                           |  |                     |                     |                              |
| Drilled Last 24 Hours (ft)<br>0.00       | End Depth (ftKB)<br>794.0 | End Depth (TVD) (ftKB)   | DFS (days)<br>13.65 | Report Number<br>12 | Report End Date<br>5/25/2013 |
| Last Casing String<br>SURFACE, 794.0ftKB |                           |  |                     |                     |                              |
| Status at 6 AM<br>PRE-SPUD INSPECTION    |                           | 24 Hour Forecast<br>NIPPLE UP BOP'S AND TEST, P/U VERTICAL BHA, DRILL 8 3/4 VERTICAL SECTION |                     |                     |                              |

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 06:30    | 0.50     | SAFETY    | ACTIVE     | SAFETY MEETING WITH DEVON, CACTUS DRILLING, FOWLER   |
| 06:30      | 06:00    | 23.50    | MOB       | ACTIVE     | FINISH DRESSING DERRICK, RAISE LEGS HOOK UP BULL LINE'S, SPOOL UP BLOCK, RAISE DERRICK AND FLOOR, SET IRON ROUGHNECK AND STAIR'S ON FLOOR, RIG UP DES EQUIPMENT, FLARE AND CHOKE, SET BOP'S UNDER FLOOR, SPOT CAT WALK/V-DOOR, ACCUMULATOR, INSTALL H BEAMS AND WINCHES UNDER FLOOR, SPOOL UP DRAW WORKS, REMOVE BLOCK TROLLEY, WIRE UP TOP DRIVE AND KELLY HOSE, DRESS RIG FLOOR<br><br>100% RIGGED DOWN<br>100% MOVED<br>100% SET IN<br>100% RIGGED UP<br>96 HOURS FROM RIG RELEASE<br><br>ON LOCATION<br>1 TANDEM<br>1 CRAWLER AND 1 MOBILE CRANE<br>1 FORKLIFT<br><br>SAFETY MAN ON LOCATION FOR 12 HOUR'S |



UNIVERSITY 52-23 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

## Partner Report

Report # 13 Date: 5/26/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      |                            |                       | State/Province<br>TX          |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

## Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

## Costs

|   |                              |                                |                                 |                                     |                            |
|---|------------------------------|--------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$180,577 | Cum To Date (Cost)<br>\$658,844 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>49.2 |
|---|------------------------------|--------------------------------|---------------------------------|-------------------------------------|----------------------------|

|            |                     |                              |                        |                     |                      |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
| DRILLING   | 12.21               | \$180,577                    | \$658,844              | \$1,590,000         | \$931,156            |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

## Daily Operations

Rig

CACTUS DRILLING COMPANY, 138

|                                      |                             |                        |                    |                     |                              |
|--------------------------------------|-----------------------------|------------------------|--------------------|---------------------|------------------------------|
| Drilled Last 24 Hours (ft)<br>549.00 | End Depth (ftKB)<br>1,343.0 | End Depth (TVD) (ftKB) | DFS (days)<br>0.21 | Report Number<br>13 | Report End Date<br>5/26/2013 |
|--------------------------------------|-----------------------------|------------------------|--------------------|---------------------|------------------------------|

Last Casing String

SURFACE, 794.0ftKB

Status at 6 AM

DRILL VERTICAL SECTION AT 1,343"

24 Hour Forecast

DRILL VERTICAL SECTION FROM 1,343'; CIRC. HOLE CLEAN, POOH FOR CURVE BHA

## Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 10:00    | 4.00     | BOPS      | ACTIVE     | PERFORM PRESUPD INSPECTION WITH CACTUS PUSHER AND DEVON SAFETY MAN AND CO MAN . REMOVE STACK FROM CRADLE AND NIPPLE UP WITH LONESTAR TORQUE CREW, INSTALL CHOKE LINE AND ALL KOOMY LINES  |
| 10:00      | 19:00    | 9.00     | BOPS      | ACTIVE     | NIPPLING UP WITH A 4 MAN CREW DUE TO HAND QUITTING IN MIDDLE OF HITCH<br>RIG UP LONESTAR TO TEST BOPS. TEST ALL RAMS ON STACK 250 LOW 3000 HIGH, TEST HYDRILL 250 LOW 1500 HIGH, TEST ALL VALVES ON CHOKE 250 LOW 3000 HIGH. HELD EACH TEST 10 MIN. (LOW AND HIGH), TEST CASING 1500 PSI. HELD ON CHART FOR 30 MIN, GOOD TEST ON ALL EQUIPMENT CO MAN PRESENT DURING ALL TESTING  |
| 19:00      | 20:00    | 1.00     | RIGSVC    | ACTIVE     | FINISH TIGHTING FLOW LINE, INSTALL 2" FILL UP LINE AND KILL LINE, FIX ALL DISCREPANCY'S ON RIG INSPECTION, LAY OUT BHA AND STRAP SAME   |
| 20:00      | 21:30    | 1.50     | BHA       | ACTIVE     | PICK UP VERTICAL BHA, PICK UP 1.50 HIGH SPEED MOTOR WITH 8 5/8 STABILIZER.INSTALL EM SURVEY TOOL AND SURFACE TEST WITH 400 GPM. GOOD TEST, MAKE UP 8 3/4 MM65DRM BIT  |
| 21:30      | 22:00    | 0.50     | BOPS      | ACTIVE     | INSTALL WEAR BUSHING WITH FMC   |
| 22:00      | 23:30    | 1.50     | TRIP      | ACTIVE     | PICK UP THREE 6" DRILL COLLARS AND 17 JOINTS 5" HWDP AND TRIP IN HOLE TO FLOAT EQUIPMENT AT 750'  |
| 23:30      | 23:45    | 0.25     | CIRC      | ACTIVE     | PUMP THROUGH CHOKE AND SEPARATOR PRIOR TO DRILLING OUT FLOAT EQUIPMENT AND LINE CHOKE UP ON A HARD SHUT IN  |
| 23:45      | 00:15    | 0.50     | RIGSVC    | ACTIVE     | INSTALL ROTATE HEAD   |
| 00:15      | 01:00    | 0.75     | RMWASH    | ACTIVE     | WASH AND REAM CEMENT AND DRILL FLOAT EQUIPMENT FROM 750' TO 794' GPM-575 RPM-60 WOB-2K-15K  |
| 01:00      | 02:30    | 1.50     | DRLG      | ACTIVE     | ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 794' TO 1,073', 279' @ 186' FPH, WOB=30, GPM=600, RPM=90, TD TQ=10,200, DIFF=350-400,STKS=130, PSI=2200   |
| 02:30      | 04:30    | 2.00     | RIGSVC    | ACTIVE     | WAITING ON BAD WEATHER TO PASS CAN NOT TAKE SURVEY'S DUE TO BAD WEATHER AND LIGHTING, CIRCULATING AND WORKING PIPE 1.5 FPM  |
| 04:30      | 06:00    | 1.50     | DRLG      | ACTIVE     | ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 1,073' TO 1,343', 270' @ 180' FPH, WOB=30, GPM=600, RPM=90, TD TQ=10,200, DIFF=350-400,STKS=130, PSI=2200<br><br>LAST SAMPLE @ 1,050'<br>30% GREEN SHALE, 30% RED SHALE, 40% SANDSTONE<br><br>LAST SURVEY @ 987'<br>TVD=985'<br>INC.=.73<br>AZM.=68.52<br>AHEAD=39<br>RIGHT=1<br><br>TOTAL DRILL=549'<br>SLIDE=30<br>ROTATE=519<br>TOTAL DRLG HRS= 3<br><br>SAFETY MAN ON LOCATION FOR 2.5 HOUR'S |



**UNIVERSITY 52-23 7H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 14 Date: 5/27/2013 06:00**

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      |                            |                       | State/Province<br>TX          |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$73,113 | Cum To Date (Cost)<br>\$731,957 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>57.1 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 13.21                        | \$73,113                      | \$731,957                       | \$1,590,000                         | \$858,043                  |
| COMPLETION  | 0.00                         | \$0                           | \$0                             | \$591,900                           | \$591,900                  |

**Daily Operations**

|  |                  |                        |  |               |                 |
|--|------------------|------------------------|--|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138              |                  |                        |  |               |                 |
| Drilled Last 24 Hours (ft)                       | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days)   | Report Number | Report End Date |
| 4,140.00   | 5,483.0          |                        | 1.21   | 14            | 5/27/2013       |
| Last Casing String<br>SURFACE, 794.0ftKB         |                  |                        |  |               |                 |
| Status at 6 AM<br>TRIP OUT OF HOLE FOR CURVE BHA |                  |                        | 24 Hour Forecast<br>TRIP OUT OF HOLE, LAY DOWN VERTICAL BHA, P/U CURVE BHA,<br>DISPLACE WITH OBM. ROT. AND SLIDE CURVE SECTION |               |                 |

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 06:30    | 0.50     | RIGSVC    | ACTIVE     | SERVICE RIG AND TOP DRIVE   |
| 06:30      | 19:30    | 13.00    | DRLG      | ACTIVE     | ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 1,343' TO 4,360', 3,017' @ 232' FPH, WOB=35, GPM=550, RPM=90, TD TQ=11.500, DIFF=400-500,STKS=130, PSI=3,350  |
| 19:30      | 20:30    | 1.00     | RIGSVC    | ACTIVE     | CHANGE SWAB ON MUD PUMP #1, STILL DID NOT HAVE CORRECT PRESSURE CHECKED PUMP AGAIN FOUND 2 VALVES BAD CHANGE OUT SAME   |
| 20:30      | 03:30    | 7.00     | DRLG      | ACTIVE     | ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 4,360' TO 5,483', 1,123' @ 160' FPH, WOB=35, GPM=550, RPM=90, TD TQ=14.500, DIFF=400-500,STKS=130, PSI=3,350<br><br>LAST SAMPLE @ 5,483'<br>100% SHALE<br><br>LAST SURVEY @ 5,379'<br>TVD=5,376'<br>INC.=.70<br>AZM.=116.68<br>AHEAD=1<br>LEFT=1<br>NTL=8.8<br><br>TOTAL DRILL=4,140'<br>SLIDE=126'<br>ROTATE=4,014'<br>TOTAL DRLG HRS= 20<br><br>NO SAFETY MAN ON LOCATION |
| 03:30      | 05:00    | 1.50     | CIRC      | ACTIVE     | CIRCULATE 2 HIGH VISCOSITY SWEEPS TO CLEAN HOLE, FIRST SWEEP BRINGING BACK A 10% INCREASE IN SMALL CUTTINGS, SECOND SWEEP NO INCREASE, SHAKERS CLEAN  |
| 05:00      | 06:00    | 1.00     | TRIP      | ACTIVE     | PULL OUT OF HOLE FROM 5,483' ON ELEVATORS, HOLE SLICK AND TOOK PROPER FILL UPS. STRAP OUT OF HOLE CLEAN MUD TANK'S WHILE PULLING OUT OF HOLE  |



**UNIVERSITY 52-23 7H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 15 Date: 5/28/2013 06:00**

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                 |                                     |                            |
|---|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$80,080 | Cum To Date (Cost)<br>\$815,467 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>59.5 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)          | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 14.21                        | \$80,080                      | \$815,467                       | \$1,590,000                         | \$774,533                  |
| COMPLETION  | 0.00                         | \$0                           | \$0                             | \$591,900                           | \$591,900                  |

**Daily Operations**

|   |                             |                        |   |                     |                              |
|---|-----------------------------|------------------------|---|---------------------|------------------------------|
| Rig<br>CACTUS DRILLING COMPANY, 138                         |                             |                        |   |                     |                              |
| Drilled Last 24 Hours (ft)<br>338.00                        | End Depth (ftKB)<br>5,821.0 | End Depth (TVD) (ftKB) | DFS (days)<br>2.21  | Report Number<br>15 | Report End Date<br>5/28/2013 |
| Last Casing String<br>SURFACE, 794.0ftKB                    |                             |                        |   |                     |                              |
| Status at 6 AM<br>TRIPPING IN THE HOLE WITH 8 3/4 CURVE BHA |                             |                        | 24 Hour Forecast<br>TIH WITH CURVE BHA, DRILL 8 3/4 CURVE SECTION, LAND CURVE, CIRC. HOLE CLEAN POOH, LAY DOWN 8 3/4 CURVE BHA AND P/U 8 3/4 LATERAL BHA, TIH |                     |                              |

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 06:30    | 0.50     | RIGSVC    | ACTIVE     | SERVICE RIG AND TOP DRIVE  |
| 06:30      | 08:00    | 1.50     | TRIP      | ACTIVE     | PULL OUT OF HOLE FROM 2,500'-250' ON ELEVATORS, HOLE SLICK AND TOOK PROPER FILL UPS. STRAP OUT OF HOLE CLEAN MUD TANK'S WHILE PULLING OUT OF HOLE  |
| 08:00      | 08:30    | 0.50     | TRIP      | ACTIVE     | LAY DOWN THREE 6.5 DRILL COLLARS   |
| 08:30      | 09:30    | 1.00     | BHA       | ACTIVE     | LAY DOWN VERTICAL 1.50 MUD MOTOR AND 65DRM BIT   |
| 09:30      | 10:30    | 1.00     | BHA       | ACTIVE     | PICK UP 1.83 CURVE MOTOR, SCRIBE AND TEST MUD MOTOR WITH GPM=500, PSI=668, STKS=125, MAKE UP MMD55C CURVE BIT  |
| 10:30      | 13:00    | 2.50     | TRIP      | ACTIVE     | TRIP IN HOLE FILLING PIPE EVERY 2000' WITH BRINE WATER FROM SLUGGING PIT.  |
| 13:00      | 14:30    | 1.50     | CIRC      | ACTIVE     | PUMP 20 BBL DIESEL SPACER AND DISPLACE WITH OIL BASE MUD AT 5483' FROM STEEL PITS RETURNING BRINE WATER INTO RESERVE PIT , AND CIRCULATE ONE BOTTOMS UP TO CONDITION OIL BASE MUD  |
| 14:30      | 00:00    | 9.50     | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4" CURVE SECTION FROM 5,483' TO 5,821', 338' @ 35 FPH, WOB=20, GPM=500, STKS=120, TD TQ=8000, RPM=15, DIFF=250, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING EM SURVEYS EVERY 30',<br><br>LAST SAMPLE @ 5,820'<br>30 % SHALE, 70% LIMESTONE<br><br>LAST SURVEY @ 5,751'<br>TVD=5,742'<br>INC.=21.61<br>AZM.=173.01<br>AHEAD=16<br>LEFT=1<br>NTL=9.30<br>YIELD=9.84<br>C/C 221<br><br>TOTAL DRILL=338'<br>SLIDE=286'<br>ROTATE=52'<br>TOTAL DRILLING HOURS=9.5 |
| 00:00      | 01:00    | 1.00     | CIRC      | ACTIVE     | COULD NOT SLIDE DUE TO MOTOR KEPT HANGING UP AND WOULD NOT KEEP DIFF PRESURE, CIRCULATE SWEEP AROUND TO CLEAN HOLE   |
| 01:00      | 04:00    | 3.00     | TRIP      | ACTIVE     | PULL OUT OF HOLE ON ELEVATOR'S FROM 5,821' TO 150' HOLE SLICK AND TOOK PROPER FILL   |
| 04:00      | 05:30    | 1.50     | BHA       | ACTIVE     | LAY DOWN 1.83 CURVE MOTOR AND MMD55C CURVE BIT ,PICK UP 2.12 CURVE MOTOR SCRIBE AND SURFACE TEST WITH 500 GPM. GOOD TEST, MAKE UP 8 3/4 MM64D CURVE BIT  |
| 05:30      | 06:00    | 0.50     | TRIP      | ACTIVE     | TRIP IN HOLE FROM 150' FILLING PIPE EVERY 2,000'<br><br>SAFETY MAN ON LOCATION FOR 1 HOUR  |



UNIVERSITY 52-23 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

## Partner Report

Report # 16 Date: 5/29/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

## Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

## Costs

|   |                              |                                |                                 |                                     |                            |
|---|------------------------------|--------------------------------|---------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$106,782 | Cum To Date (Cost)<br>\$922,250 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>62.3 |
|---|------------------------------|--------------------------------|---------------------------------|-------------------------------------|----------------------------|

| Job Phase  | Cum Duration (days) | Field Est this Report (Cost) | Cum Phase Costs (Cost) | Planned Cost (Cost) | Cost Variance (Cost) |
|------------|---------------------|------------------------------|------------------------|---------------------|----------------------|
| DRILLING   | 15.21               | \$106,782                    | \$922,250              | \$1,590,000         | \$667,750            |
| COMPLETION | 0.00                | \$0                          | \$0                    | \$591,900           | \$591,900            |

## Daily Operations

Rig

CACTUS DRILLING COMPANY, 138

|                                      |                             |                        |                    |                     |                              |
|--------------------------------------|-----------------------------|------------------------|--------------------|---------------------|------------------------------|
| Drilled Last 24 Hours (ft)<br>715.00 | End Depth (ftKB)<br>6,536.0 | End Depth (TVD) (ftKB) | DFS (days)<br>3.21 | Report Number<br>16 | Report End Date<br>5/29/2013 |
|--------------------------------------|-----------------------------|------------------------|--------------------|---------------------|------------------------------|

Last Casing String

SURFACE, 794.0ftKB

Status at 6 AM

TRIP IN HOLE WITH 8 3/4 LATERAL BHA

24 Hour Forecast

DRILL 8 3/4 LATERAL SECTION FROM 6,536'

## Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 07:00    | 1.00     | RIGSVC    | ACTIVE     | CHANGE HYDROLIC HOSE ON IRON ROUGHNECK   |
| 07:00      | 10:00    | 3.00     | TRIP      | ACTIVE     | TRIP IN HOLE FROM 2,000' TO 5,821 FILLING PIPE EVERY 2000'   |
| 10:00      | 19:30    | 9.50     | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4" CURVE SECTION FROM 5.821' TO 6,536, 715' @ 75' FPH, WOB=20, GPM=500, STKS=115, TD TQ=11,000, RPM=15, DIFF=250, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING EM SURVEYS EVERY 30',<br><br>LAST SAMPLE @ 6,536'<br>100% SHALE<br><br>LAST SURVEY @ 6,479'<br>TVD=6,127'<br>INC.=84.14<br>AZM.=181.75<br>AHEAD=2<br>LEFT=8<br>NTL=.74<br>YIELD=14.47<br>C/C= 241<br>C/F=12<br>LIP= 221<br>BIT PROJECTION=89.6<br><br>TOTAL DRILL=715<br>SLIDE=512'<br>ROTATE=203'<br>TOTAL DRILLING HOURS=9.5 |
| 19:30      | 20:30    | 1.00     | CIRC      | ACTIVE     | CIRCULATE HIGH VISCOSITY SWEEP TO CLEAN HOLE, SHAKERS CLEAN, FLOW CHECK NO FLOW  |
| 20:30      | 23:30    | 3.00     | TRIP      | ACTIVE     | PULL OUT OF HOLE ON ELEVATORS 6,536'-125' HOLE SLICK AND TOOK PROPER FILLS   |
| 23:30      | 01:30    | 2.00     | BHA       | ACTIVE     | LAY DOWN 2.12 CURVE MOTOR AND CURVE BIT , CHANGE MWD, PICK UP 1.50 LATERAL MOTOR SCRIBE AND SURFACE TEST WITH 500 GPM. GOOD TEST, MAKE UP 8 3/4 65DRM LATERAL BIT, FUNCTION TEST BOP'S WHILE OUT OF HOLE GOOD TEST   |
| 01:30      | 04:30    | 3.00     | TRIP      | ACTIVE     | TRIP IN HOLE FROM 125' TO 4,850' FILLING PIPE EVERY 2000'  |
| 04:30      | 06:00    | 1.50     | TRIP      | ACTIVE     | RIG CREW FORGOT TO REMOVE SCREEN FROM DRILL PIPE, TRIP OUT OF HOLE FROM 4,850' TO 2,850' TO RETRIVE SCREEN   |





UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 17 Date: 5/30/2013 06:00

| District               | County     | Field Name       | Project Group      | State/Province |              |                   |                            |
|------------------------|------------|------------------|--------------------|----------------|--------------|-------------------|----------------------------|
| PERMIAN BASIN          | CROCKETT   | LIN (WOLFCAMP)   | PB TEXAS EAST      | TX             |              |                   |                            |
| Surface Legal Location | API/UWI    | Latitude (°)     | Longitude (°)      | Ground Elev... | KB - GL (ft) | Orig KB Elev (ft) | Tubing Head Elevation (ft) |
| S 23, BLK 52, ULS      | 4210541757 | 31° 1' 28.341" N | 100° 59' 17.093" W | 2,574.00       | 25.00        | 2,599.00          |                            |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                                |                                   |                                     |                            |
|---|------------------------------|--------------------------------|-----------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$121,750 | Cum To Date (Cost)<br>\$1,044,669 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>69.0 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)   | Cum Phase Costs (Cost)            | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 16.21                        | \$121,750                      | \$1,044,669                       | \$1,590,000                         | \$545,331                  |
| COMPLETION  | 0.00                         | \$0                            | \$0                               | \$591,900                           | \$591,900                  |

Daily Operations

|                              |                  |                        |            |               |                 |
|------------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig                          |                  |                        |            |               |                 |
| CACTUS DRILLING COMPANY, 138 |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft)   | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 2,949.00                     | 9,485.0          |                        | 4.21       | 17            | 5/30/2013       |

|  |
|--|
| Last Casing String<br>SURFACE, 794.0ftKB |
|--|

|   |   |
|---|---|
| Status at 6 AM<br>DRILL 8 3/4 LATERAL SECTION | 24 Hour Forecast<br>DRILL 8 3/4 LATERAL SECTION FROM 9,485' |
|---|---|

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 09:00    | 3.00     | TRIP      | ACTIVE     | RIG CREW FORGOT TO REMOVE SCREEN FROM DRILL PIPE, TRIP IN HOLE FROM 2,850'-6,536' TO RETRIVE SCREEN DURING TRIP IRON ROUGHNECK BLOWED A HYDRAULIC HOSE, REPAIRED HOSE AND CONTINUED TRIP   |
| 09:00      | 13:30    | 4.50     | DRLG      | ACTIVE     | WASH AND REAM LAST STAND DOWN „SLIDE AND ROTATE 8 3/4 LATERAL FROM 6,536' TO 7,080' 544' @ 120' FPH, GPM=550, WOB=35, STKS=120, PSI=4100, DIFF=300, TD RPM=105, TQ=14,000, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',  |
| 13:30      | 14:00    | 0.50     | RIGSVC    | ACTIVE     | REPLACE GASKET ON STAND PIPE   |
| 14:00      | 06:00    | 16.00    | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4 LATERAL FROM 7,080' TO 9,485 ' 2,405 @ 150 FPH, GPM=500, WOB=35, STKS=120, PSI=4,150, DIFF=650, TD RPM=126, TQ=15,000, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',<br><br>LAST SAMPLE @ 9,120<br>100% SHALE<br><br>LAST SURVEY @ 9.073<br>TVD=6,109<br>INC.=91.45<br>AZM.=176.61<br>HIGH=8<br>LEFT=18<br>C/C=2,348<br>C/F=274'<br>LIP=2,316'<br><br>LAST 24 HRS<br>TOTAL DRILL=2,949'<br>SLIDE=286'<br>ROTATE=2,663'<br>DRILLING HOURS=20.5<br><br>NO SAFETY MAN ON LOCATION |



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 18 Date: 5/31/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                                |                                   |                                     |                            |
|---|------------------------------|--------------------------------|-----------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$106,122 | Cum To Date (Cost)<br>\$1,150,791 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>76.1 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)   | Cum Phase Costs (Cost)            | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 17.21                        | \$106,122                      | \$1,150,791                       | \$1,590,000                         | \$439,209                  |
| COMPLETION  | 0.00                         | \$0                            | \$0                               | \$591,900                           | \$591,900                  |

Daily Operations

|   |                  |                        |   |               |                 |
|---|------------------|------------------------|---|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138                           |                  |                        |   |               |                 |
| Drilled Last 24 Hours (ft)                                    | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days)  | Report Number | Report End Date |
| 2,879.00  | 12,364.0         |                        | 5.21  | 18            | 5/31/2013       |
| Last Casing String<br>SURFACE, 794.0ftKB                      |                  |                        |   |               |                 |
| Status at 6 AM<br>ROTATE AND SLIDE LATERAL SECTION AT 12,364' |                  |                        | 24 Hour Forecast<br>ROTATE AND SLIDE LATERAL SECTION FROM 12,364', PERFORM CLEAN UP CYCLE |               |                 |

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 06:30    | 0.50     | RIGSVC    | ACTIVE     | SERVICE RIG AND TOP DRIVE  |
| 06:30      | 05:00    | 22.50    | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4 LATERAL FROM 9,485' TO 12,364' 2,879' @ 122' FPH, GPM-500, WOB=35, STKS=120, PSI=4,150, DIFF=750, TD RPM=120, TQ=17,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',<br><br>LAST SAMPLE @ 12,269'<br>100% SHALE<br><br>LAST SURVEY @ 12,289'<br>TVD=6,098'<br>INC.=87.90<br>AZM.=177.31<br>HIGH=2<br>LEFT=13<br>C/C=5,408'<br>C/F=101'<br>LIP=5,355'<br><br>LAST 24 HRS<br>TOTAL DRILL=2,879'<br>SLIDE=345'<br>ROTATE=2,534'<br>DRILLING HOURS=22.5<br><br>NO SAFETY MAN ON LOCATION |
| 05:00      | 06:00    | 1.00     | RIGSVC    | ACTIVE     | CIRCULATING WITH #1 MUD PUMP WORKING PIPE 1.5 FPM WHILE CHANGING SWAB AND LINER ON #2 MUD PUMP   |



UNIVERSITY 52-23 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

## Partner Report

Report # 19 Date: 6/1/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

## Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

## Costs

|   |                              |                                |                                   |                                     |                            |
|---|------------------------------|--------------------------------|-----------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$117,741 | Cum To Date (Cost)<br>\$1,268,532 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>86.3 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)   | Cum Phase Costs (Cost)            | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 18.10                        | \$110,291                      | \$1,261,082                       | \$1,590,000                         | \$328,918                  |
| COMPLETION  | 0.10                         | \$7,450                        | \$7,450                           | \$591,900                           | \$584,450                  |

## Daily Operations

|   |                  |                        |  |               |                 |
|---|------------------|------------------------|--|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138                 |                  |                        |  |               |                 |
| Drilled Last 24 Hours (ft)                          | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days)   | Report Number | Report End Date |
| 2,126.00  | 14,490.0         | 6,090.2                | 6.21   | 19            | 6/1/2013        |
| Last Casing String<br>SURFACE, 794.0ftKB            |                  |                        |  |               |                 |
| Status at 6 AM<br>PERFORM CLEAN UP CYCLE AT 14,490' |                  |                        | 24 Hour Forecast<br>PERFORM CLEAN UP CYCLE, POOH WITH 10 STD'S, LAY DOWN DRILL PIPE. R/U CASING CREW |               |                 |

## Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 11:30    | 5.50     | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4 LATERAL FROM 12,364' TO 13,062' 698' @ 126' FPH, GPM-500, WOB=35, STKS=120, PSI=4,150, DIFF=750, TD RPM=120, TQ=18,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',   |
| 11:30      | 11:45    | 0.25     | RIGSVC    | ACTIVE     | CIRCULATING WITH #2 MUD PUMP WORKING PIPE 1.5 FPM WHILE CHANGING SWAB AND LINER ON #1 MUD PUMP  |
| 11:45      | 12:15    | 0.50     | SAFETY    | ACTIVE     | BOOTS & COOTS PERFORMED UNEXPECTED H2S DRILL, ALL HANDS HAD PROPER RESPONSE   |
| 12:15      | 12:30    | 0.25     | RIGSVC    | ACTIVE     | CONTINUE CIRCULATING WITH #2 MUD PUMP WORKING PIPE 1.5 FPM WHILE CHANGING SWAB AND LINER ON #1 MUD PUMP   |
| 12:30      | 13:00    | 0.50     | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4 LATERAL FROM 13,062' TO 13,128 66' @ 33' FPH, GPM-500, WOB=35, STKS=120, PSI=4,150, DIFF=750, TD RPM=120, TQ=17,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',  |
| 13:00      | 13:30    | 0.50     | RIGSVC    | ACTIVE     | SERVICE RIG AND TOP DRIVE   |
| 13:30      | 14:00    | 0.50     | RIGSVC    | ACTIVE     | ROTATING HEAD RUBBER STARTED LEAKING, CHANGE OUT ROTATING HEAD  |
| 14:00      | 03:30    | 13.50    | DRLG      | ACTIVE     | SLIDE AND ROTATE 8 3/4 LATERAL FROM 13,128 TO 14,490' 1,362' @ 100' FPH, GPM-500, WOB=35, STKS=120, PSI=4,250, DIFF=750, TD RPM=120, TQ=17,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',<br><br>LAST SAMPLE @ 14,490'<br>100% SHALE<br><br>LAST SURVEY @ 14,490'<br>TVD=6,090'<br>INC.=86.14<br>AZM.=177.48<br>HIGH=5<br>LEFT=18<br>C/C=7,612'<br>C/F=56<br>LIP=7,477'<br><br>LAST 24 HRS<br>TOTAL DRILL=2,126'<br>SLIDE=241'<br>ROTATE=1,885'<br>DRILLING HOURS=19 |
| 03:30      | 06:00    | 2.50     | CIRC      | ACTIVE     | PERFORM 8 HOUR CLEAN UP CYCLE AT 14,490' WHILE RECIPROCATING PIPE AT 1.5 FPM AND ROTATING PIPE AT 120 RPM, GPM=450, PSI=3.950, TQ=9,500, WHILE PUMPING HIGH VISCOSITY SWEEPS<br><br>NO SAFETY MAN ON LOCATION   |



UNIVERSITY 52-23 7H  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 20 Date: 6/2/2013 06:00

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

Jobs

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

Costs

|   |                              |                               |                                   |                                     |                            |
|---|------------------------------|-------------------------------|-----------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$90,314 | Cum To Date (Cost)<br>\$1,358,846 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>91.0 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)            | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 18.10                        | \$32,778                      | \$1,291,620                       | \$1,590,000                         | \$298,380                  |
| COMPLETION  | 1.10                         | \$57,536                      | \$67,226                          | \$591,900                           | \$524,674                  |

Daily Operations

|  |                  |   |            |               |                 |
|--|------------------|---|------------|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138      |                  |   |            |               |                 |
| Drilled Last 24 Hours (ft)               | End Depth (ftKB) | End Depth (TVD) (ftKB)  | DFS (days) | Report Number | Report End Date |
| 0.00                                     | 14,490.0         | 6,090.2   | 7.21       | 20            | 6/2/2013        |
| Last Casing String<br>SURFACE, 794.0ftKB |                  |   |            |               |                 |
| Status at 6 AM<br>RIGGING UP CASING CREW |                  | 24 Hour Forecast<br>RUN 5.5 DWC/C 20LB CASING TO 14,490', CIRC 1.5 CAP., CEMENT PRODUCTION CASING. WASH THROUGH ALL EQ. |            |               |                 |

Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 11:30    | 5.50     | CIRC      | ACTIVE     | PERFORM 8 HOUR CLEAN UP CYCLE AT 14,490' WHILE RECIPROCATING PIPE AT 1.5 FPM AND ROTATING PIPE AT 120 RPM, GPM=450, PSI=3,950, TQ=9,500, WHILE PUMPING HIGH VISCOSITY SWEEPS. SEEING 15-20% INCREASE IN SMALL COFFEE GRAIN SIZE SHALE COMING BACK, SECOND SWEEP SEEING 10-15% INCREASE 3RD SWEEP 5-10% INCREASE. NO INCREASE ON REST OF SWEEPS. |
|            |          |          |           |            | FLOW CHECK, OK  |
| 11:30      | 12:00    | 0.50     | RIGSVC    | ACTIVE     | SERVICE RIG AND TOP DRIVE   |
| 12:00      | 12:30    | 0.50     | TRIP      | ACTIVE     | PULL 10 STANDS 5" DRILL PIPE OUT OF HOLE ON ELEVATORS AND RACK IN DERRICK 14,490'- 13,540' HOLE SLICK AND TOOK PROPER FILL UPS USING TRIP TANK  |
| 12:30      | 00:30    | 12.00    | DPIPE     | ACTIVE     | PULL OUT OF HOLE ON ELEVATORS LAYING DOWN 5" DRILL PIPE USING TRIP TANK TO FILL HOLE EVERY 5 STANDS. HOLE SLICK AND TOOK PROPER FILL UPS  |
| 00:30      | 02:00    | 1.50     | BHA       | ACTIVE     | LAY DOWN BHA, 1.50 LATERAL MOTOR AND BIT #5   |
| 02:00      | 02:30    | 0.50     | TRIP      | ACTIVE     | TRIP IN HOLE WITH 10 STANDS OF 5" DRILL PIPE TO 940'  |
| 02:30      | 03:30    | 1.00     | DPIPE     | ACTIVE     | LAY DOWN 5" DRILL PIPE FROM 940'  |
| 03:30      | 04:30    | 1.00     | BOPS      | ACTIVE     | PULL WEAR BUSHING AND CLEAN OBM AND CLEAR HANDLING TOOL'S OFF RIG FLOOR AND REMOVE RIG BAIL'S AND ELEVATORS   |
| 04:30      | 06:00    | 1.50     | CSG       | ACTIVE     | SAFTEY MEETING WITH TESCO CASING CREW AND RIG UP 5 1/2" CASING HANDLING TOOLS AND CRT TO RUN CASING   |
|            |          |          |           |            | NO SAFETY MAN ON LOCATION   |



**UNIVERSITY 52-23 7H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 21 Date: 6/3/2013 06:00**

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                               |                                   |                                     |                            |
|---|------------------------------|-------------------------------|-----------------------------------|-------------------------------------|----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$79,246 | Cum To Date (Cost)<br>\$1,438,092 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>95.8 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)  | Cum Phase Costs (Cost)            | Planned Cost (Cost)                 | Cost Variance (Cost)       |
| DRILLING  | 18.10                        | \$11,533                      | \$1,311,593                       | \$1,590,000                         | \$278,407                  |
| COMPLETION  | 2.10                         | \$67,713                      | \$126,499                         | \$591,900                           | \$465,401                  |

**Daily Operations**

|   |                  |                        |   |               |                 |
|---|------------------|------------------------|---|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138               |                  |                        |   |               |                 |
| Drilled Last 24 Hours (ft)                        | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days)  | Report Number | Report End Date |
| 0.00  | 14,490.0         | 6,090.2                | 8.21  | 21            | 6/3/2013        |
| Last Casing String<br>PRODUCTION 1, 14,480.0ftKB  |                  |                        |   |               |                 |
| Status at 6 AM<br>CEMENTING 5.5 PRODUCTION CASING |                  |                        | 24 Hour Forecast<br>CEMENT 5.5 PRODUCTION CASING, SET CASING SLIPS, NIPPLE DOWN, CLEAN MUD TANK'S |               |                 |

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description  |
|------------|----------|----------|-----------|------------|--|
| 06:00      | 07:00    | 1.00     | CSG       | ACTIVE     | SAFTEY MEETING WITH TESCO CASING CREW AND RIG UP 5 1/2" CASING HANDLING TOOLS AND CRT TO RUN CASING  |
| 07:00      | 02:00    | 19.00    | CSG       | ACTIVE     | MAKE UP SHOE TORQUE SHOE TO 5,500 AND TORQUE FLOAT EQUIPMENT TO 15,500 F/LBS, BREAK CIRCULATION THROUGH SHOE AND FLOAT EQUIPMENT AND RUN 5 1/2" P110 20 LBS CASING DWC/C-SR FROM 14,490'- 6,216' ,RUN 5 1/2 P110 20 LBS CASING DWC/C 6,216'-0' TORQUE CASING TO 16,500 FT LBS WITH TORQUE TURN MONITORING WITH TESCO AND VAM THREAD HAND MONITORING ALSO . FILLING PIPE EVERY 25 JOINT |
| 02:00      | 04:00    | 2.00     | CIRC      | ACTIVE     | CIRCULATE CAPACITY AND HALF OF CASING WITH CRT WHILE RIGGING DOWN TESCO CASING TOOLS AND RIGGING UP BAKER CEMENTERS  |
| 04:00      | 05:30    | 1.50     | RIGSVC    | ACTIVE     | RIG DOWN CRT TOOL AND RIG UP CEMENT HEAD, BAILS AND ELEVATOR'S   |
| 05:30      | 06:00    | 0.50     | CMTPRI    | ACTIVE     | PRE JOB SAFETY MEETING WITH BAKER HUGHES, TEST LINES TO 4,500 PSI.CEMENT WITH 30 BBLs SEALBOND+88 LBS/BBL BARITE+2 GAL/BBL SS2, 30 BBL'S BRINE SPACER  |
|            |          |          |           |            | CONTACTED TRRC AT 13:30 ON 6/2/2013 SPOKE WITH REBECCA WITH INTENT TO CEMENT 5.5" CASING   |
|            |          |          |           |            | SAFETY MAN ON LOCATION FOR 17.5 HOURS  |

**UNIVERSITY 52-23 7H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 22 Date: 6/4/2013 06:00**

|   |                       |                                  |                                     |                            |                       |                               |                            |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| District<br>PERMIAN BASIN                   | County<br>CROCKETT    | Field Name<br>LIN (WOLFCAMP)     | Project Group<br>PB TEXAS EAST      | State/Province<br>TX       |                       |                               |                            |
| Surface Legal Location<br>S 23, BLK 52, ULS | API/UWI<br>4210541757 | Latitude (°)<br>31° 1' 28.341" N | Longitude (°)<br>100° 59' 17.093" W | Ground Elev...<br>2,574.00 | KB - GL (ft)<br>25.00 | Orig KB Elev (ft)<br>2,599.00 | Tubing Head Elevation (ft) |

**Jobs**

|                                      |                                     |                             |                       |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| Job Category<br>DRILLING/COMPLETIONS | Authorized Depth (ftKB)<br>14,506.0 | Authorized Depth TVD (ftKB) | API/UWI<br>4210541757 |
|--------------------------------------|-------------------------------------|-----------------------------|-----------------------|

**Costs**

|   |                              |                                |                                   |                                     |                             |
|---|------------------------------|--------------------------------|-----------------------------------|-------------------------------------|-----------------------------|
| WBS Number<br>01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05 | Planned Days (days)<br>20.00 | Daily Cost (Cost)<br>\$227,351 | Cum To Date (Cost)<br>\$1,988,480 | Total WBS+Sup (Cost)<br>\$6,391,650 | Job % Complete (%)<br>100.0 |
| Job Phase   | Cum Duration (days)          | Field Est this Report (Cost)   | Cum Phase Costs (Cost)            | Planned Cost (Cost)                 | Cost Variance (Cost)        |
| DRILLING  | 18.10                        | \$18,318                       | \$1,329,911                       | \$1,590,000                         | \$260,089                   |
| COMPLETION  | 3.10                         | \$209,033                      | \$658,569                         | \$591,900                           | (\$66,669)                  |

**Daily Operations**

|                                     |                  |                        |            |               |                 |
|-------------------------------------|------------------|------------------------|------------|---------------|-----------------|
| Rig<br>CACTUS DRILLING COMPANY, 138 |                  |                        |            |               |                 |
| Drilled Last 24 Hours (ft)          | End Depth (ftKB) | End Depth (TVD) (ftKB) | DFS (days) | Report Number | Report End Date |
| 0.00                                | 14,490.0         | 6,090.2                | 9.21       | 22            | 6/4/2013        |

|  |
|--|
| Last Casing String<br>PRODUCTION 1, 14,480.0ftKB |
|--|

|  |   |
|--|---|
| Status at 6 AM<br>CLEAN MUD TANK'S PREPAIR RIG TO MOVE | 24 Hour Forecast<br>RIG DOWN ON UNIVERSITY 52-23 7H |
|--|---|

**Time Log**

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description   |
|------------|----------|----------|-----------|------------|---|
| 06:00      | 11:00    | 5.00     | CMTPRI    | ACTIVE     | CONTINUE CEMENT JOB PUMPING 30 BBLs SEALBOND+ 88LBS/BBL BARITE SPACER, 331 BBLs (916) OF 12.5 PPG/ 2.02 YIELD OF LEAD, 441 BBLs (1977 SACKS) OF 14.2 PPG/ 1.28 YIELD OF TAIL CEMENT,PUMP 24 BBLs ACID START DISPLACING WITH 2% KCL PUMPING 295 BBLs, LOST RETURNS 250 BBLs INTO PUMPING DISPLACEMENT LOSS 45 BBL'S, ESTIMATED TOP OF LEAD 200'. BUMPED PLUG ON TIME AND PLUG HELD 3,000 PSI. 800 PSI OVER PUMPING PRESURE<br><br>CONTACTED TRRC AT 13:30 ON 6/2/2013 SPOKE WITH REBECCA WITH INTENT TO CEMENT 5.5" CASING<br><br>SAFETY MAN ON LOCATION FOR 2 HOURS |
| 11:00      | 12:00    | 1.00     | CMTPRI    | ACTIVE     | RIG DOWN BAKER CEMENT TRUCK AND CEMENT HEAD   |
| 12:00      | 13:00    | 1.00     | RIGSVC    | ACTIVE     | WASH THROUGH STACK AND FLOW LINE AND ALL EQUIPMENT TO MAKE SURE NO CEMENT   |
| 13:00      | 13:30    | 0.50     | BOPS      | ACTIVE     | RIG UP LONESTAR BREAK BOLTS ON STACK AND RAISE STACK  |
| 13:30      | 15:00    | 1.50     | BOPS      | ACTIVE     | NIPPLE DOWN BOPS, TAKE OFF FLOW LINE, HYDRUALIC LINES, TURNBUCKLES, CHOKE LINES AND KILL LINES<br>PICK UP STACK   |
| 15:00      | 15:30    | 0.50     | BOPS      | ACTIVE     | SET 5.5 CASING SLIPS WITH 120K IN WELL HEAD WITH FMC HAND.  |
| 15:30      | 16:00    | 0.50     | BOPS      | ACTIVE     | PUT STACK IN BOP CRADLE   |
| 16:00      | 17:00    | 1.00     | BOPS      | ACTIVE     | INSTALL TUBBING HEAD TEST HEAD TO 2600 PSI. MONITORED BY RAYMOND & CHRIS  |
| 17:00      | 18:00    | 1.00     | RIGSVC    | ACTIVE     | CLEAN MUD TANK'S AND RIG, PREPARE RIG TO BE MOVED OFF UNIVERSITY 52-23 7H   |
| 18:00      | 18:30    | 0.50     | SAFETY    | ACTIVE     | SAFETY STAND DOWN WITH ALL HANDS ON LOCATION ON EVERY TUBULAR THAT GETS PICKED UP IS TORQUED TO SPECIFICATION AND DISCUSSED RIG MOVE HAZARD'S   |
| 18:30      | 06:00    | 11.50    | RIGSVC    | ACTIVE     | CLEAN MUD TANK'S AND RIG, PREPARE RIG TO BE MOVED OFF UNIVERSITY 52-23 7H, RELEASE RIG AT 06:00   |