



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/8/2015
Report #: 1
Actual Days: 0.25

| | | | | | | | | | | | | |
|---|------------------|-------------------|--|-------------------|-----------------|---|--------------------|--------------------------------|--|-------------------------------------|---------------------------------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | | Region / Division PERMIAN | | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | |
| County ANDREWS | | | State/Province TEXAS | | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | | Last Casing String Production1, 7,760.0ftKB | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 9,626.00 | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) SCHLUMBERGER CONV-LOGGING | | | Wellbore Original Hole | | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 9,626.00 | | |
| Weather | | | Hole Condition | | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 0.25 | | |
| Ops and Depth @ Morning Report WELL SI | | | | | | | | | | | | |
| Last 24hr Summary AOL AND HELD PJSM MIRU SLB JSA REVIEW RIH W/JB & GR POOH JSA REVIEW RIH W/ GR, DSN, & CSNG. LOGGED GR & DSN FROM PBTD @ 7701 TO KB. LOGGED CSNG FROM PBTD @ 7701 TO 3500' REVIEWED JSA RDMO SECURED WELL SDFN | | | | | | | | | | | | |
| 24hr Forecast WAIT ON FRAC | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 08:00 | 08:30 | 0.50 | COMPZ N | WELLPR | SFTY | P | | | AOL AND HELD PJSM | | | |
| 08:30 | 09:30 | 1.00 | COMPZ N | WELLPR | RURD | P | | | MIRU SLB | | | |
| 09:30 | 13:00 | 3.50 | COMPZ N | WELLPR | ELOG | P | | | JSA REVIEW RIH W/JB & GR POOH JSA REVIEW RIH W/ GR, DSN, & CSNG. LOGGED GR & DSN FROM PBTD @ 7701 TO KB. LOGGED CSNG FROM PBTD @ 7701 TO 3500' | | | |
| 13:00 | 14:00 | 1.00 | COMPZ N | WELLPR | SFTY | P | | | REVIEWED JSA RDMO SECURED WELL SDFN | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | | | |
| WILDCAT | | ONSITE SUPERVISOR | | | CONTRACTOR | | 1 | 6.00 | 6.00 | | | |
| SCHLUMBERGER | | WIRELINE CREW | | | CONTRACTOR | | 3 | 6.00 | 18.00 | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | |
| Conductor | | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | |
| Surface | | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | |
| Production1 | | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/15/2015
Report #: 2
Actual Days: 0.32

| Well Info | | | | | | | | | | | | |
|-----------------------------------|------------------|--------------------------|--------------------|-------------------------------|-----------------|-----------------------|--------------------|-----------------------------|---|--------------------|---------|----------------|
| API / UWI | | Region / Division | | District | | Field Name | | Original Spud Date | | | | |
| 4200346636 | | PERMIAN | | PERMIAN CONVENTIONAL | | EMBAR | | 4/18/2015 | | | | |
| County | | State/Province | | Original KB/RT Elevation (ft) | | Ground Elevation (ft) | | | | | | |
| ANDREWS | | TEXAS | | 3,266.00 | | 3,252.00 | | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category | | Last Casing String | | AFE Dur Total (days) | | Total AFE (Cost) | | Cumulative Cost (Cost) | | | | |
| COMPLETIONS | | Production1, 7,760.0ftKB | | | | 792,000.00 | | 14,046.00 | | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) | | Wellbore | | End Depth (ftKB) | | Depth Progress (ft) | | Daily Cost Total (Cost) | | | | |
| | | Original Hole | | 0.0 | | | | 4,420.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) | | | | |
| | | | | | | | | 0.32 | | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| WELL SI | | | | | | | | | | | | |
| Last 24hr Summary | | | | | | | | | | | | |
| AOL AND HOLD PJSM | | | | | | | | | | | | |
| MIRU MCCLINTON | | | | | | | | | | | | |
| JSA REVIEW | | | | | | | | | | | | |
| ND B5 FLANGE | | | | | | | | | | | | |
| NU MCCLINTON 10K FLOWCROSS | | | | | | | | | | | | |
| NU B5 FLANGE ON TOP OF FLOW CROSS | | | | | | | | | | | | |
| JSA REVIEW | | | | | | | | | | | | |
| RDMO MCCLINTON | | | | | | | | | | | | |
| SECURE WELL/SDFN | | | | | | | | | | | | |
| 24hr Forecast | | | | | | | | | | | | |
| MIRU PULLING UNIT | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 09:30 | 09:45 | 0.25 | COMPZ N | WELLPR | SFTY | P | | | AOL AND HOLD PJSM | | | |
| 09:45 | 10:45 | 1.00 | COMPZ N | WELLPR | RURD | P | | | MIRU MCCLINTON JSA REVIEW ND B5 FLANGE NU MCCLINTON 10K FLOWCROSS NU B5 FLANGE ON TOP OF FLOW CROSS | | | |
| 10:45 | 11:15 | 0.50 | COMPZ N | WELLPR | SFTY | P | | | JSA REVIEW RDMO MCCLINTON SECURE WELL/SDFN | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | | Time (hr) | | Tot Work Time (hr) | | |
| CONOCOPHILLIPS CO | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | | 1.75 | | 1.75 | | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 2 | | 1.75 | | 3.50 | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | | |
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | | |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/16/2015
Report #: 3
Actual Days: 0.51

| | | | | | | | | | | | | |
|--|------------------|------------------------------|--------------------|---|----------------------|-----------------------|-----------------------------------|--------------------------------------|--|----------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 65,034.00 | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 50,988.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 0.51 | | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary MOVE RIG & EQUIP TO LOC. HELD PJSM. SPOT LD/PU MACHINE. UNLOAD PIPE RACKS. UNLOAD & RACK 8,000' 2-7/8" PH6 TBG. MI & SPOT REVERSE UNIT, PIT, FOAM & MEMBRANE UNITS. REVIEW JSA. SPOT & RU PULLING UNIT. CREW CHANGE. | | | | | | | | | | | | |
| 24hr Forecast | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 13:30 | 14:30 | 1.00 | COMPZ N | DRILL | MOB | P | | | MOVE IN RIG & EQUIP | | | |
| 14:30 | 15:00 | 0.50 | COMPZ N | DRILL | SFTY | P | | | HELD PJSM | | | |
| 15:00 | 17:00 | 2.00 | COMPZ N | DRILL | OTHR | P | | | SPOT LD/PU MACHINE. UNLOAD PIPE RACKS. UNLOAD & RACK 8,000' 2-7/8" PH6 TBG. MI & SPOT REVERSE UNIT, PIT, FOAM & MEMBRANE UNITS | | | |
| 17:00 | 18:00 | 1.00 | COMPZ N | DRILL | RURD | P | | | REVIEW JSA. SPOT & RU PULLING UNIT. CREW CHANGE | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | | Tot Work Time (hr) | | | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 2 | 12.00 | | 24.00 | | | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 0 | 0.00 | | | | | |
| KEY ENERGY SERVICES | | RIG CREW | | CONTRACTOR | | 8 | 12.00 | | 96.00 | | | |
| WILDCAT SERVICES | | SAFETY PERSONNEL | | CONTRACTOR | | 2 | 12.00 | | 24.00 | | | |
| KEY ENERGY SERVICES | | TOOL PUSHER/RIG MGR | | CONTRACTOR | | 1 | 8.00 | | 8.00 | | | |
| WILDCAT SERVICES | | OTHER | | CONTRACTOR | | 8 | 12.00 | | 96.00 | | | |
| SUN BELT SERVICES | | FUEL HAULER | | CONTRACTOR | | 1 | 1.00 | | 1.00 | | | |
| SUN BELT SERVICES | | PORTABLE TOILET HAND | | CONTRACTOR | | 2 | 2.00 | | 4.00 | | | |
| WILDCAT SERVICES | | TRUCKER | | CONTRACTOR | | 2 | 6.00 | | 12.00 | | | |
| WILKERSON OILFIELD SERVICES | | FORKLIFT | | CONTRACTOR | | 1 | 6.00 | | 6.00 | | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | CONTRACTOR | | 4 | 12.00 | | 48.00 | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | | |
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | | | 12.00 | | |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/16/2015
Report #: 3
Actual Days: 1.01

| | | | | | | | | | | | | |
|---|------------------|------------------------------|--|---|-------------------------|-----------------------|-----------------------------------|--------------------------------|---|-------------------------------------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | | Last Casing String Production1, 7,760.0ftKB | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 65,034.00 | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) KEY CONV - RIG 6051, WILDCAT SERVICES CONV - REVERSE UNIT/FOAM UNIT | | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 50,988.00 | | | |
| Weather SUNNY | | Hole Condition | | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 1.01 | | | |
| Ops and Depth @ Morning Report RIH W/ TBG | | | | | | | | | | | | |
| Last 24hr Summary MOVE RIG & EQUIP TO LOC. HELD PJSM. SPOT LD/PU MACHINE. UNLOAD PIPE RACKS. UNLOAD & RACK 8,000' 2-7/8" PH6 TBG. MI & SPOT REVERSE UNIT, PIT, FOAM & MEMBRANE UNITS. REVIEW JSA. SPOT & RU PULLING UNIT. CREW CHANGE. CONDUCT JSA, SPACER SPOOL BETWEEN FLOW CROSS & BOPE, N/U & FUNCTION TEST BOPE, N/U SPACER SPOOL BETWEEN BOPE & STRIPPER HEAD, LOWER RIG FLOOR, PREP RIG FLOOR TO RUN TBG. CONDUCT JSA, PRESSURE TEST BOPE TO 250 PSI/ 6730 PSI, TEST GOOD, BLEED DOWN TO GAS BUSTER. CONDUCT JSA, P/U & M/U 4 3/4" HA43-T JZ BIT, BIT SUB, XO & 14 X 3 1/2" DC'S. CONDUCT JSA, RIH W/ BHA & 132 JTS OF 2 7/8" L-80 WORK STRING TO 4641'. | | | | | | | | | | | | |
| 24hr Forecast RIH TO 7714', DRILL OUT FLOAT EQUIPMENT, DEEPEN TO 7790'. | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 13:30 | 14:30 | 1.00 | COMPZ N | DRILL | MOB | P | | | MOVE IN RIG & EQUIP | | | |
| 14:30 | 15:00 | 0.50 | COMPZ N | DRILL | SFTY | P | | | HELD PJSM | | | |
| 15:00 | 17:00 | 2.00 | COMPZ N | DRILL | OTHR | P | | | SPOT LD/PU MACHINE. UNLOAD PIPE RACKS. UNLOAD & RACK 8,000' 2-7/8" PH6 TBG. MI & SPOT REVERSE UNIT, PIT, FOAM & MEMBRANE UNITS | | | |
| 17:00 | 18:00 | 1.00 | COMPZ N | DRILL | RURD | P | | | REVIEW JSA. SPOT & RU PULLING UNIT. CREW CHANGE | | | |
| 18:00 | 22:30 | 4.50 | COMPZ N | DRILL | NUND | P | | | CONDUCT JSA, SPACER SPOOL BETWEEN FLOW CROSS & BOPE, N/U & FUNCTION TEST BOPE, N/U SPACER SPOOL BETWEEN BOPE & STRIPPER HEAD, LOWER RIG FLOOR, PREP RIG FLOOR TO RUN TBG. | | | |
| 22:30 | 23:00 | 0.50 | COMPZ N | DRILL | PRTS | P | | | CONDUCT JSA, PRESSURE TEST BOPE TO 250 PSI/ 6730 PSI, TEST GOOD, BLEED DOWN TO GAS BUSTER. | | | |
| 23:00 | 00:30 | 1.50 | COMPZ N | DRILL | PULD | P | | | CONDUCT JSA, P/U & M/U 4 3/4" HA43-T JZ BIT, BIT SUB, XO & 14 X 3 1/2" DC'S. | | | |
| 00:30 | 06:00 | 5.50 | COMPZ N | DRILL | TRIP | P | | | CONDUCT JSA, RIH W/ BHA & 132 JTS OF 2 7/8" L-80 WORK STRING TO 4641'. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | | | | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 2 | 12.00 | 24.00 | | | | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 0 | 0.00 | | | | | |
| KEY ENERGY SERVICES | | RIG CREW | | CONTRACTOR | | 8 | 12.00 | 96.00 | | | | |
| WILDCAT SERVICES | | SAFETY PERSONNEL | | CONTRACTOR | | 2 | 12.00 | 24.00 | | | | |
| KEY ENERGY SERVICES | | TOOL PUSHER/RIG MGR | | CONTRACTOR | | 1 | 8.00 | 8.00 | | | | |
| WILDCAT SERVICES | | OTHER | | CONTRACTOR | | 8 | 12.00 | 96.00 | | | | |
| SUN BELT SERVICES | | FUEL HAULER | | CONTRACTOR | | 1 | 1.00 | 1.00 | | | | |
| SUN BELT SERVICES | | PORTABLE TOILET HAND | | CONTRACTOR | | 2 | 2.00 | 4.00 | | | | |
| WILDCAT SERVICES | | TRUCKER | | CONTRACTOR | | 2 | 6.00 | 12.00 | | | | |
| WILKERSON OILFIELD SERVICES | | FORKLIFT | | CONTRACTOR | | 1 | 6.00 | 6.00 | | | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | CONTRACTOR | | 4 | 12.00 | 48.00 | | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | | |
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/16/2015
Report #: 3
Actual Days: 1.01

Casing Strings

| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) |
|-------------|---------|------------------|------------|-----------|----------------|----------------|-----------------|---------------------|
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/17/2015
Report #: 4
Actual Days: 2.01

| | | | | | | | | | |
|--|----------|--|------------|---|---------------|-----------------------------------|--------------------|--------------------------------------|---|
| Well Info | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | Field Name EMBAR | | Original Spud Date 4/18/2015 | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | Ground Elevation (ft) 3,252.00 | | | |
| Job Summary | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String Production1, 7,760.0ftKB | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 110,858.00 | |
| Daily Ops Summary | | | | | | | | | |
| Rig (Names) KEY CONV - RIG 6051, WILDCAT SERVICES CONV - REVERSE UNIT/FOAM UNIT | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 45,824.00 | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 2.01 | |
| Ops and Depth @ Morning Report WELL SHUT IN | | | | | | | | | |
| Last 24hr Summary CREW CHANGE. HELD PJSM. CONTINUE PICKING UP TBG. TAG PBTD @ 7,711'. REVIEW JSA. NU STRIPPER HEAD. PU POWER SWIVEL. EST CIRC. REVIEW JSA. DRILL FROM 7,711' - 7,796'. WOB 12 PNTS. CIRC 3 BPM W/FULL RETURNS. REVIEW JSA. PUMP SWEEP W/EZ MUD. CIRC 2 BOTTOMS UP W/CLEAN BIOCID TREATED FRESH WATER W/FULL RETURNS. REVIEW JSA. RD & LOAD SWIVEL & STRIPPER HEAD. REVIEW JSA. START LAYING DN TBG. CREW CHANGE. CONDUCT JSA, L/D 231 JTS OF 2 7/8" L-80 TBG, L/D 14 X 3 1/2" DC'S, BREAK OUT BIT SUB & BIT. CONDUCT JSA, CLEAR OFF RIG FLOOR, INSTALL 2 7/8" TBG HANGER W/ 2 WAY CHECK, N/D STRIPPER HEAD, N/D BOPE, MIRU MCCLINTON ENERGY, N/U 10K FRAC VALVE & GOAT HEAD, R/D MCCLINTON ENERGY. CONDUCT JSA, PRESSURE TEST FRAC STACK & GOAT HEAD TO 250 PSI/ 6730 PSI, TEST GOOD, BLEED OFF PRESSURE TO REVERSE PIT, SECURE WELL. WAIT ON DAYLIGHT TO RIG DOWN PULLING UNIT. | | | | | | | | | |
| 24hr Forecast FRAC WELL. | | | | | | | | | |
| Time Log | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation |
| 06:00 | 06:30 | 0.50 | COMPZ N | DRILL | SFTY | P | | | CREW CHANGE. HELD PJSM |
| 06:30 | 08:30 | 2.00 | COMPZ N | DRILL | PULD | P | | | CONTINUE PICKING UP TBG. TAG PBTD @ 7,711' |
| 08:30 | 09:30 | 1.00 | COMPZ N | DRILL | NUND | P | | | REVIEW JSA. NU STRIPPER HEAD. PU POWER SWIVEL. EST CIRC. |
| 09:30 | 15:00 | 5.50 | COMPZ N | DRILL | DRLG | P | | | REVIEW JSA. DRILL FROM 7,711' - 7,796'. WOB 12 PNTS. CIRC 3 BPM W/FULL RETURNS |
| 15:00 | 17:00 | 2.00 | COMPZ N | DRILL | CIRC | P | | | REVIEW JSA. PUMP SWEEP W/EZ MUD. CIRC 2 BOTTOMS UP W/CLEAN BIOCID TREATED FRESH WATER W/FULL RETURNS |
| 17:00 | 17:30 | 0.50 | COMPZ N | DRILL | NUND | P | | | REVIEW JSA. RD & LOAD SWIVEL & STRIPPER HEAD |
| 17:30 | 18:00 | 0.50 | COMPZ N | DRILL | PULD | P | | | REVIEW JSA. START LAYING DN TBG. CREW CHANGE |
| 18:00 | 23:30 | 5.50 | COMPZ N | DRILL | PULD | P | | | CONDUCT JSA, L/D 231 JTS OF 2 7/8" L-80 TBG, L/D 14 X 3 1/2" DC'S, BREAK OUT BIT SUB & BIT. |
| 23:30 | 01:30 | 2.00 | COMPZ N | DRILL | NUND | P | | | CONDUCT JSA, CLEAR OFF RIG FLOOR, INSTALL 2 7/8" TBG HANGER W/ 2 WAY CHECK, N/D STRIPPER HEAD, N/D BOPE, MIRU MCCLINTON ENERGY, N/U 10K FRAC VALVE & GOAT HEAD, R/D MCCLINTON ENERGY. |
| 01:30 | 02:30 | 1.00 | COMPZ N | DRILL | PRTS | P | | | CONDUCT JSA, PRESSURE TEST FRAC STACK & GOAT HEAD TO 250 PSI/ 6730 PSI, TEST GOOD, BLEED OFF PRESSURE TO REVERSE PIT, SECURE WELL. |
| 02:30 | 06:00 | 3.50 | COMPZ N | DRILL | OTHR | T | | | WAIT ON DAYLIGHT TO RIG DOWN PULLING UNIT. |
| Head Count / Manhours | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 2 | 12.00 | 24.00 | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 2 | | 0.00 | |
| KEY ENERGY SERVICES | | RIG CREW | | CONTRACTOR | | 8 | 12.00 | 96.00 | |
| WILDCAT SERVICES | | SAFETY PERSONNEL | | CONTRACTOR | | 2 | 12.00 | 24.00 | |
| KEY ENERGY SERVICES | | TOOL PUSHER/RIG MGR | | CONTRACTOR | | 0 | 0.00 | | |
| WILDCAT SERVICES | | OTHER | | CONTRACTOR | | 8 | 12.00 | 96.00 | |
| SUN BELT SERVICES | | FUEL HAULER | | CONTRACTOR | | 0 | 0.00 | | |
| SUN BELT SERVICES | | PORTABLE TOILET HAND | | CONTRACTOR | | 0 | 0.00 | | |
| WILDCAT SERVICES | | TRUCKER | | CONTRACTOR | | 2 | | 0.00 | |
| WILKERSON OILFIELD SERVICES | | FORKLIFT | | CONTRACTOR | | 1 | | 0.00 | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/17/2015
Report #: 4
Actual Days: 2.01

Head Count / Manhours

| Company | Function | Personnel Type | Count | Time (hr) | Tot Work Time (hr) |
|--------------------------|-------------------|----------------|-------|-----------|--------------------|
| DIAMOND PUMP & TRANSPORT | TRUCKER | CONTRACTOR | 4 | 12.00 | 48.00 |
| GE OIL AND GAS | WELLHEAD HAND | CONTRACTOR | 2 | | 0.00 |
| E&A SERVICES | TRUCKER | CONTRACTOR | 3 | 10.00 | 30.00 |
| SELECT ENERGY SERVICES | OTHER | CONTRACTOR | 4 | 6.00 | 24.00 |
| WILDCAT SERVICES | ONSITE SUPERVISOR | CONTRACTOR | 1 | 7.00 | 7.00 |

Drilling Parameters

| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
|--------------|------------------|----------------|--------------------|-------------------|-----------------|-----------------------|---------------|-----------|-----------|----------|---------|----------------|
| | | | | | | | | | | | | |

Casing Strings

| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) |
|-------------|---------|------------------|------------|-----------|----------------|----------------|-----------------|---------------------|
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/17/2015
Report #: 4
Actual Days: 1.51

| | | | | | | | | | | | | |
|--|------------------|------------------------------|--------------------|---|----------------------|-----------------------|-----------------------------------|--------------------------------------|--|----------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 110,858.00 | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 45,824.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 1.51 | | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary CREW CHANGE. HELD PJSM. CONTINUE PICKING UP TBG. TAG PBTD @ 7,711'. REVIEW JSA. NU STRIPPER HEAD. PU POWER SWIVEL. EST CIRC. REVIEW JSA. DRILL FROM 7,711' - 7,796'. WOB 12 PNTS. CIRC 3 BPM W/FULL RETURNS. REVIEW JSA. PUMP SWEEP W/EZ MUD. CIRC 2 BOTTOMS UP W/CLEAN BIOCID TREATED FRESH WATER W/FULL RETURNS. REVIEW JSA. RD & LOAD SWIVEL & STRIPPER HEAD. REVIEW JSA. START LAYING DN TBG. CREW CHANGE. | | | | | | | | | | | | |
| 24hr Forecast | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:00 | 06:30 | 0.50 | COMPZ N | DRILL | SFTY | P | | | CREW CHANGE. HELD PJSM | | | |
| 06:30 | 08:30 | 2.00 | COMPZ N | DRILL | PULD | P | | | CONTINUE PICKING UP TBG. TAG PBTD @ 7,711' | | | |
| 08:30 | 09:30 | 1.00 | COMPZ N | DRILL | NUND | P | | | REVIEW JSA. NU STRIPPER HEAD. PU POWER SWIVEL. EST CIRC. | | | |
| 09:30 | 15:00 | 5.50 | COMPZ N | DRILL | DRLG | P | | | REVIEW JSA. DRILL FROM 7,711' - 7,796'. WOB 12 PNTS. CIRC 3 BPM W/FULL RETURNS | | | |
| 15:00 | 17:00 | 2.00 | COMPZ N | DRILL | CIRC | P | | | REVIEW JSA. PUMP SWEEP W/EZ MUD. CIRC 2 BOTTOMS UP W/CLEAN BIOCID TREATED FRESH WATER W/FULL RETURNS | | | |
| 17:00 | 17:30 | 0.50 | COMPZ N | DRILL | NUND | P | | | REVIEW JSA. RD & LOAD SWIVEL & STRIPPER HEAD | | | |
| 17:30 | 18:00 | 0.50 | COMPZ N | DRILL | PULD | P | | | REVIEW JSA. START LAYING DN TBG. CREW CHANGE | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | | Tot Work Time (hr) | | | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 2 | 12.00 | | 24.00 | | | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 2 | | | 0.00 | | | |
| KEY ENERGY SERVICES | | RIG CREW | | CONTRACTOR | | 8 | 12.00 | | 96.00 | | | |
| WILDCAT SERVICES | | SAFETY PERSONNEL | | CONTRACTOR | | 2 | 12.00 | | 24.00 | | | |
| KEY ENERGY SERVICES | | TOOL PUSHER/RIG MGR | | CONTRACTOR | | 0 | 0.00 | | | | | |
| WILDCAT SERVICES | | OTHER | | CONTRACTOR | | 8 | 12.00 | | 96.00 | | | |
| SUN BELT SERVICES | | FUEL HAULER | | CONTRACTOR | | 0 | 0.00 | | | | | |
| SUN BELT SERVICES | | PORTABLE TOILET HAND | | CONTRACTOR | | 0 | 0.00 | | | | | |
| WILDCAT SERVICES | | TRUCKER | | CONTRACTOR | | 2 | | | 0.00 | | | |
| WILKERSON OILFIELD SERVICES | | FORKLIFT | | CONTRACTOR | | 1 | | | 0.00 | | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | CONTRACTOR | | 4 | 12.00 | | 48.00 | | | |
| GE OIL AND GAS | | WELLHEAD HAND | | CONTRACTOR | | 2 | | | 0.00 | | | |
| E&A SERVICES | | TRUCKER | | CONTRACTOR | | 3 | 10.00 | | 30.00 | | | |
| SELECT ENERGY SERVICES | | OTHER | | CONTRACTOR | | 4 | 6.00 | | 24.00 | | | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | 7.00 | | 7.00 | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | |
| Conductor | | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | |
| Surface | | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | | | 12.00 | |
| | | | | | | | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/17/2015
Report #: 4
Actual Days: 1.51

Casing Strings

| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) |
|-------------|---------|------------------|------------|-----------|----------------|----------------|-----------------|---------------------|
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/17/2015
Report #: 4
Actual Days: 2.01

| | | | | | | | | | |
|--|----------|--|---------|---|---------------|-----------------------------------|--------------------|--------------------------------------|---|
| Well Info | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | Field Name EMBAR | | Original Spud Date 4/18/2015 | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | Ground Elevation (ft) 3,252.00 | | | |
| Job Summary | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String Production1, 7,760.0ftKB | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 113,358.00 | |
| Daily Ops Summary | | | | | | | | | |
| Rig (Names) KEY CONV - RIG 6051, WILDCAT SERVICES CONV - REVERSE UNIT/FOAM UNIT | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 48,324.00 | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 2.01 | |
| Ops and Depth @ Morning Report WELL SHUT IN | | | | | | | | | |
| Last 24hr Summary CREW CHANGE. HELD PJSM. CONTINUE PICKING UP TBG. TAG PBTD @ 7,711'. REVIEW JSA. NU STRIPPER HEAD. PU POWER SWIVEL. EST CIRC. REVIEW JSA. DRILL FROM 7,711' - 7,796'. WOB 12 PNTS. CIRC 3 BPM W/FULL RETURNS. REVIEW JSA. PUMP SWEEP W/EZ MUD. CIRC 2 BOTTOMS UP W/CLEAN BIOCID TREATED FRESH WATER W/FULL RETURNS. REVIEW JSA. RD & LOAD SWIVEL & STRIPPER HEAD. REVIEW JSA. START LAYING DN TBG. CREW CHANGE. CONDUCT JSA, L/D 231 JTS OF 2 7/8" L-80 TBG, L/D 14 X 3 1/2" DC'S, BREAK OUT BIT SUB & BIT. CONDUCT JSA, CLEAR OFF RIG FLOOR, INSTALL 2 7/8" TBG HANGER W/ 2 WAY CHECK, N/D STRIPPER HEAD, N/D BOPE, MIRU MCCLINTON ENERGY, N/U 10K FRAC VALVE & GOAT HEAD, R/D MCCLINTON ENERGY. CONDUCT JSA, PRESSURE TEST FRAC STACK & GOAT HEAD TO 250 PSI/ 6730 PSI, TEST GOOD, BLEED OFF PRESSURE TO REVERSE PIT, SECURE WELL. WAIT ON DAYLIGHT TO RIG DOWN PULLING UNIT. | | | | | | | | | |
| 24hr Forecast FRAC WELL. | | | | | | | | | |
| Time Log | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation |
| 06:00 | 06:30 | 0.50 | COMPZ N | DRILL | SFTY | P | | | CREW CHANGE. HELD PJSM |
| 06:30 | 08:30 | 2.00 | COMPZ N | DRILL | PULD | P | | | CONTINUE PICKING UP TBG. TAG PBTD @ 7,711' |
| 08:30 | 09:30 | 1.00 | COMPZ N | DRILL | NUND | P | | | REVIEW JSA. NU STRIPPER HEAD. PU POWER SWIVEL. EST CIRC. |
| 09:30 | 15:00 | 5.50 | COMPZ N | DRILL | DRLG | P | | | REVIEW JSA. DRILL FROM 7,711' - 7,796'. WOB 12 PNTS. CIRC 3 BPM W/FULL RETURNS |
| 15:00 | 17:00 | 2.00 | COMPZ N | DRILL | CIRC | P | | | REVIEW JSA. PUMP SWEEP W/EZ MUD. CIRC 2 BOTTOMS UP W/CLEAN BIOCID TREATED FRESH WATER W/FULL RETURNS |
| 17:00 | 17:30 | 0.50 | COMPZ N | DRILL | NUND | P | | | REVIEW JSA. RD & LOAD SWIVEL & STRIPPER HEAD |
| 17:30 | 18:00 | 0.50 | COMPZ N | DRILL | PULD | P | | | REVIEW JSA. START LAYING DN TBG. CREW CHANGE |
| 18:00 | 23:30 | 5.50 | COMPZ N | DRILL | PULD | P | | | CONDUCT JSA, L/D 231 JTS OF 2 7/8" L-80 TBG, L/D 14 X 3 1/2" DC'S, BREAK OUT BIT SUB & BIT. |
| 23:30 | 01:30 | 2.00 | COMPZ N | DRILL | NUND | P | | | CONDUCT JSA, CLEAR OFF RIG FLOOR, INSTALL 2 7/8" TBG HANGER W/ 2 WAY CHECK, N/D STRIPPER HEAD, N/D BOPE, MIRU MCCLINTON ENERGY, N/U 10K FRAC VALVE & GOAT HEAD, R/D MCCLINTON ENERGY. |
| 01:30 | 02:30 | 1.00 | COMPZ N | DRILL | PRTS | P | | | CONDUCT JSA, PRESSURE TEST FRAC STACK & GOAT HEAD TO 250 PSI/ 6730 PSI, TEST GOOD, BLEED OFF PRESSURE TO REVERSE PIT, REMOVE TBG HANGER FROM WELLHEAD, SECURE WELL. |
| 02:30 | 06:00 | 3.50 | COMPZ N | DRILL | OTHR | T | | | WAIT ON DAYLIGHT TO RIG DOWN PULLING UNIT. |
| Head Count / Manhours | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 2 | 12.00 | 24.00 | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 2 | | 0.00 | |
| KEY ENERGY SERVICES | | RIG CREW | | CONTRACTOR | | 8 | 12.00 | 96.00 | |
| WILDCAT SERVICES | | SAFETY PERSONNEL | | CONTRACTOR | | 2 | 12.00 | 24.00 | |
| KEY ENERGY SERVICES | | TOOL PUSHER/RIG MGR | | CONTRACTOR | | 0 | 0.00 | | |
| WILDCAT SERVICES | | OTHER | | CONTRACTOR | | 8 | 12.00 | 96.00 | |
| SUN BELT SERVICES | | FUEL HAULER | | CONTRACTOR | | 0 | 0.00 | | |
| SUN BELT SERVICES | | PORTABLE TOILET HAND | | CONTRACTOR | | 0 | 0.00 | | |
| WILDCAT SERVICES | | TRUCKER | | CONTRACTOR | | 2 | | 0.00 | |
| WILKERSON OILFIELD SERVICES | | FORKLIFT | | CONTRACTOR | | 1 | | 0.00 | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/17/2015
Report #: 4
Actual Days: 2.01

Head Count / Manhours

| Company | Function | Personnel Type | Count | Time (hr) | Tot Work Time (hr) |
|--------------------------|-------------------|----------------|-------|-----------|--------------------|
| DIAMOND PUMP & TRANSPORT | TRUCKER | CONTRACTOR | 4 | 12.00 | 48.00 |
| GE OIL AND GAS | WELLHEAD HAND | CONTRACTOR | 2 | | 0.00 |
| E&A SERVICES | TRUCKER | CONTRACTOR | 3 | 10.00 | 30.00 |
| SELECT ENERGY SERVICES | OTHER | CONTRACTOR | 4 | 6.00 | 24.00 |
| WILDCAT SERVICES | ONSITE SUPERVISOR | CONTRACTOR | 1 | 7.00 | 7.00 |

Drilling Parameters

| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
|--------------|------------------|----------------|--------------------|-------------------|-----------------|-----------------------|---------------|-----------|-----------|----------|---------|----------------|
| | | | | | | | | | | | | |

Casing Strings

| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) |
|-------------|---------|------------------|------------|-----------|----------------|----------------|-----------------|---------------------|
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/18/2015
Report #: 5
Actual Days: 2.14

| Well Info | | | | | | | | | | | | |
|--|------------------|--------------------------|--------------------|-------------------------------|-----------------|-----------------------|--------------------|-----------------------------|--------------------------------|--------------------|---------|----------------|
| API / UWI | | Region / Division | | District | | Field Name | | Original Spud Date | | | | |
| 4200346636 | | PERMIAN | | PERMIAN CONVENTIONAL | | EMBAR | | 4/18/2015 | | | | |
| County | | State/Province | | Original KB/RT Elevation (ft) | | Ground Elevation (ft) | | | | | | |
| ANDREWS | | TEXAS | | 3,266.00 | | 3,252.00 | | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category | | Last Casing String | | AFE Dur Total (days) | | Total AFE (Cost) | | Cumulative Cost (Cost) | | | | |
| COMPLETIONS | | Production1, 7,760.0ftKB | | | | 792,000.00 | | 118,513.00 | | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) | | Wellbore | | End Depth (ftKB) | | Depth Progress (ft) | | Daily Cost Total (Cost) | | | | |
| KEY CONV - RIG 6051, WILDCAT SERVICES CONV - REVERSE UNIT/FOAM UNIT | | Original Hole | | 0.0 | | | | 5,155.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) | | | | |
| | | | | | | | | 2.14 | | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| WELL SI | | | | | | | | | | | | |
| Last 24hr Summary | | | | | | | | | | | | |
| DROVE TO LOC. HELD PJSM. RD PULLING UNIT. CLEAN LOC. MO. | | | | | | | | | | | | |
| 24hr Forecast | | | | | | | | | | | | |
| WAIT ON FRAC | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:00 | 07:00 | 1.00 | COMPZ N | DRILL | OTHR | P | | | DROVE TO LOC | | | |
| 07:00 | 07:30 | 0.50 | COMPZ N | DRILL | SFTY | P | | | HELD PJSM | | | |
| 07:30 | 09:00 | 1.50 | COMPZ N | DRILL | RURD | P | | | RD PULLING UNIT. CLEAN LOC. MO | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | | Time (hr) | | Tot Work Time (hr) | | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | | 2.50 | | 2.50 | | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 2 | | 2.50 | | 5.00 | | |
| KEY ENERGY SERVICES | | RIG CREW | | CONTRACTOR | | 8 | | 2.50 | | 20.00 | | |
| WILDCAT SERVICES | | SAFETY PERSONNEL | | CONTRACTOR | | 2 | | 2.50 | | 5.00 | | |
| KEY ENERGY SERVICES | | TOOL PUSHER/RIG MGR | | CONTRACTOR | | 0 | | 0.00 | | | | |
| WILDCAT SERVICES | | OTHER | | CONTRACTOR | | 8 | | 2.50 | | 20.00 | | |
| SUN BELT SERVICES | | FUEL HAULER | | CONTRACTOR | | 0 | | 0.00 | | | | |
| SUN BELT SERVICES | | PORTABLE TOILET HAND | | CONTRACTOR | | 0 | | 0.00 | | | | |
| WILDCAT SERVICES | | TRUCKER | | CONTRACTOR | | 2 | | 2.50 | | 5.00 | | |
| WILKERSON OILFIELD SERVICES | | FORKLIFT | | CONTRACTOR | | 1 | | 2.50 | | 2.50 | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | CONTRACTOR | | 4 | | 2.50 | | 10.00 | | |
| GE OIL AND GAS | | WELLHEAD HAND | | CONTRACTOR | | 2 | | 2.50 | | 5.00 | | |
| E&A SERVICES | | TRUCKER | | CONTRACTOR | | 3 | | 2.50 | | 7.50 | | |
| SELECT ENERGY SERVICES | | OTHER | | CONTRACTOR | | 4 | | 2.50 | | 10.00 | | |
| WILDCAT SERVICES | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | | 2.50 | | 2.50 | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | | |
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | | |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/19/2015
Report #: 6
Actual Days: 2.64

| | | | | | | | | | | | | |
|--|------------------|--|--------------------|---|----------------------|-----------------------|-----------------------------------|--------------------------------------|---|----------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String Production1, 7,760.0ftKB | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 134,813.00 | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 16,300.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 2.64 | | | | |
| Ops and Depth @ Morning Report WELL SI | | | | | | | | | | | | |
| Last 24hr Summary AOL AND HELD PJSM MIRU GE & VES JSA REVIEW MIRU WILDCAT JSA REVIEW GE & VES RIH W/GYRO LOGGED 7735 TO KB POOH JSA REVIEW RD VES MIRU HALLIBURTON JSA REVIEW SDFN | | | | | | | | | | | | |
| 24hr Forecast STIM WELL | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 07:00 | 07:30 | 0.50 | COMPZ N | WELLPR | SFTY | P | | | AOL AND HELD PJSM | | | |
| 07:30 | 08:30 | 1.00 | COMPZ N | WELLPR | RURD | P | | | MIRU GE & VES JSA REVIEW | | | |
| 08:30 | 12:30 | 4.00 | COMPZ N | WELLPR | RURD | P | | | MIRU WILDCAT JSA REVIEW | | | |
| 12:30 | 14:30 | 2.00 | COMPZ N | WELLPR | ELOG | P | | | GE & VES RIH W/GYRO LOGGED 7545 TO KB POOH JSA REVIEW | | | |
| 14:30 | 18:30 | 4.00 | COMPZ N | STIM | RURD | P | | | RD VES JSA REVIEW MIRU HALLIBURTON | | | |
| 18:30 | 19:00 | 0.50 | COMPZ N | WELLPR | PUTB | P | | | JSA REVIEW SECURED WELL SDFN. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | | Tot Work Time (hr) | | | |
| WILDCAT | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | 12.00 | | 12.00 | | | |
| GE OIL AND GAS | | WIRELINE CREW | | CONTRACTOR | | 4 | 12.00 | | 48.00 | | | |
| PETROPLEX ACIDIZING INC | | PRESSURE TESTERS | | CONTRACTOR | | 0 | 6.00 | | | | | |
| VES | | WIRELINE CREW | | CONTRACTOR | | 1 | 6.00 | | 6.00 | | | |
| MCCLINTON | | WELLHEAD HAND | | CONTRACTOR | | 0 | 8.00 | | | | | |
| WILDCAT FLOWBACK | | OTHER | | CONTRACTOR | | 2 | 6.00 | | 12.00 | | | |
| E & A | | TRUCKER | | CONTRACTOR | | 2 | 4.00 | | 8.00 | | | |
| SELECT ENERGY SERVICES | | OTHER | | CONTRACTOR | | 6 | 12.00 | | 72.00 | | | |
| HALLIBURTON ENERGY SERVICES | | FRAC CREW | | CONTRACTOR | | 27 | 12.00 | | 324.00 | | | |
| CRUDE CONSULTING INC | | SAFETY PERSONNEL | | CONTRACTOR | | 1 | 12.00 | | 12.00 | | | |
| WILDCAT | | OTHER | | CONTRACTOR | | 1 | 12.00 | | 12.00 | | | |
| WILDCAT | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | 12.00 | | 12.00 | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | | |
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | | |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/20/2015
Report #: 7
Actual Days: 3.14

| Well Info | | | | | | | | | |
|--|-------------------|--|------------|---|--------------------|-----------------------------------|--------------------|--------------------------------------|--|
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | Field Name EMBAR | | Original Spud Date 4/18/2015 | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | Ground Elevation (ft) 3,252.00 | | | |
| Job Summary | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String Production1, 7,760.0ftKB | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 162,763.00 | |
| Daily Ops Summary | | | | | | | | | |
| Rig (Names) HALLIBURTON CONV-FRAC | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 27,950.00 | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 3.14 | |
| Ops and Depth @ Morning Report WELL SI | | | | | | | | | |
| Last 24hr Summary AOL AND HELD PJSM RU GSI/15 MIN HK WALK AROUND TL @ 7500 N2 POPOFF @ 6360 OPEN WELL W/ 0 PSI TO ACIDIZE STG 1 (EL) BROKE @ 3458 PSI AP 3067 PSI AR 9 BPM ISIP 2976 PSI LOAD 160 BBLS 6000 GALS HCL JSA REVIEW RIH PERF STG 2 CBP @ 7210 PERFS 6852 TO 7160 OPEN WELL W/ 0 PSI TO FRAC STG 2 (WA) BROKE @ 3621 PSI AP 4645 PSI AR 70 BPM ISIP 3621 PSI LOAD 3326 BBLS 3,000 GALS HCL WHITE 64206 SLC 38326 LBS JSA REVIEW RIH PERF STG 3 CBP @ 6770 CBP DID NOT SET POOH INSPECTED BHA PARTIAL COPPER WIRE WAS MAKING CONTACT W/PLUG SHOOT SHORTING GUN STRING JSA REVIEW RIH PERF STG 3 CBP @ 6770 PERFS 6450 TO 6721 OPEN WELL TO FRAC STG 3 (WA) PUMPED 1400 BBLS & 4000 LBS WHITE 40/70 SHUT DWN & FLUSHED WELL WL ENGINEER NOTIFY CO. REP OF CBP & PERFS WERE SET & SHOT ON STG. 4 (CBP @ 6385 PERFS 6098 TO 6333) REVIEWED INFO RIH TAGGED CBP @ 6385 POOH JSA REVIEW RDSM RDMO SECURED WELL SDFN | | | | | | | | | |
| 24hr Forecast CLEAR LOCATION | | | | | | | | | |
| Time Log | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation |
| 06:00 | 06:15 | 0.25 | COMPZ N | STIM | SFTY | P | | | AOL AND HELD PJSM |
| 06:15 | 06:30 | 0.25 | COMPZ N | STIM | PRTS | P | | | RU GSI/15 MIN HOUSEKEEPING WALK AROUND |
| 06:30 | 07:00 | 0.50 | COMPZ N | STIM | PRTS | P | | | TL @ 7500 N2 POPOFF @ 6360 |
| 07:00 | 08:00 | 1.00 | COMPZ N | STIM | STIM | P | | | OPEN WELL W/ 0 PSI TO ACIDIZE STG 1 (EL) BROKE @ 3458 PSI AP 3067 PSI AR 9 BPM ISIP 2976 PSI LOAD 160 BBLS 6000 GALS HCL |
| 08:00 | 09:00 | 1.00 | COMPZ N | STIM | PERF | P | | | JSA REVIEW RIH PERF STG 2 CBP @ 7210 PERFS 6852 TO 7160 |
| 09:00 | 10:00 | 1.00 | COMPZ N | STIM | STIM | P | | | OPEN WELL W/ 0 PSI TO FRAC STG 2 (WA) BROKE @ 3621 PSI AP 4645 PSI AR 70 BPM ISIP 3621 PSI LOAD 3326 BBLS 3,000 GALS HCL WHITE 64206 SLC 38326 LBS |
| 10:00 | 13:00 | 3.00 | COMPZ N | STIM | PERF | T | | | JSA REVIEW RIH PERF STG 3 CBP @ 6770 CBP DID NOT SET POOH INSPECTED BHA PARTIAL COPPER WIRE WAS MAKING CONTACT W/PLUG SHOOT SHORTING GUN STRING JSA REVIEW RIH PERF STG 3 CBP @ 6770 PERFS 6450 TO 6721 |
| 13:00 | 16:00 | 3.00 | COMPZ N | STIM | STIM | T | | | OPEN WELL TO FRAC STG 3 (WA) PUMPED 1400 BBLS & 4000 LBS WHITE 40/70 SHUT DWN & FLUSHED WELL WL ENGINEER NOTIFY CO. REP OF CBP & PERFS WERE SET & SHOT ON STG. 4 (CBP @ 6385 PERFS 6098 TO 6333) REVIEWED INFO RIH TAGGED CBP @ 6385 POOH JSA REVIEW |
| 16:00 | 18:00 | 2.00 | COMPZ N | MOVE | RURD | P | | | JSA REVIEW SECURE WELL SDFN |
| Head Count / Manhours | | | | | | | | | |
| Company | Function | Personnel Type | Count | Time (hr) | Tot Work Time (hr) | | | | |
| HALLIBURTON | FRAC CREW | CONTRACTOR | 26 | 14.00 | 364.00 | | | | |
| GE OIL AND GAS | WIRELINE CREW | CONTRACTOR | 4 | 14.00 | 56.00 | | | | |
| CRUDE | ONSITE SUPERVISOR | EMPLOYEE | 0 | 0.00 | | | | | |
| WILDCAT | ONSITE SUPERVISOR | CONTRACTOR | 1 | 14.00 | 14.00 | | | | |
| GSI | OTHER | CONTRACTOR | 2 | 4.00 | 8.00 | | | | |
| WILDCAT OIL TOOLS | OTHER | CONTRACTOR | 1 | 12.00 | 12.00 | | | | |
| CONOCOPHILLIPS CO | ENGINEER | EMPLOYEE | 1 | 6.00 | 6.00 | | | | |
| SELECT ENERGY SERVICES | OTHER | CONTRACTOR | 6 | 14.00 | 84.00 | | | | |
| CRUDE CONSULTING INC | SAFETY PERSONNEL | CONTRACTOR | 1 | 14.00 | 14.00 | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/20/2015
Report #: 7
Actual Days: 3.14

Drilling Parameters

| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
|--------------|------------------|----------------|--------------------|-------------------|-----------------|-----------------------|---------------|-----------|-----------|----------|---------|----------------|
| | | | | | | | | | | | | |

Casing Strings

| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) |
|-------------|---------|------------------|------------|-----------|----------------|----------------|-----------------|---------------------|
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/20/2015
Report #: 7
Actual Days: 3.14

| | | | | | | | | | |
|---|----------|--|---------|---|---------------|-----------------------------------|--------------------|---------------------------------------|---|
| Well Info | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | Field Name EMBAR | | Original Spud Date 4/18/2015 | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | Ground Elevation (ft) 3,252.00 | | | |
| Job Summary | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String Production1, 7,760.0ftKB | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 298,238.00 | |
| Daily Ops Summary | | | | | | | | | |
| Rig (Names) HALLIBURTON CONV-FRAC | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 163,425.00 | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 3.14 | |
| Ops and Depth @ Morning Report WELL SI | | | | | | | | | |
| Last 24hr Summary AOL AND HELD PJSM RU GSI/15 MIN HK WALK AROUND TL @ 7500 N2 POPOFF @ 6360 OPEN WELL W/ 0 PSI TO ACIDIZE STG 1 (EL) BROKE @ 3458 PSI AP 3067 PSI AR 9 BPM ISIP 2976 PSI LOAD 160 BBLS 6000 GALS HCL JSA REVIEW RIH PERF STG 2 CBP @ 7210 PERFS 6852 TO 7160 OPEN WELL W/ 0 PSI TO FRAC STG 2 (WA) BROKE @ 3621 PSI AP 4645 PSI AR 70 BPM ISIP 3621 PSI LOAD 3326 BBLS 3,000 GALS HCL WHITE 64206 SLC 38326 LBS JSA REVIEW RIH PERF STG 3 CBP @ 6770 CBP DID NOT SET POOH INSPECTED BHA PARTIAL COPPER WIRE WAS MAKING CONTACT W/PLUG SHOOT SHORTING GUN STRING JSA REVIEW RIH PERF STG 4 CBP @ 6770 PERFS 6450 TO 6721 OPEN WELL TO FRAC STG 4 (LCF) PUMPED 1400 BBLS & 4000 LBS WHITE 40/70 SHUT DWN & FLUSHED WELL WL ENGINEER NOTIFY CO. REP OF CBP & PERFS WERE SET & SHOT ON STG. 4 LCF (CBP @ 6385 PERFS 6098 TO 6333) REVIEWED INFO RIH TAGGED CBP @ 6385 POOH JSA REVIEW RDSM RDMO SECURED WELL SDFN | | | | | | | | | |
| 24hr Forecast CLEAR LOCATION | | | | | | | | | |
| Time Log | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation |
| 06:00 | 06:15 | 0.25 | COMPZ N | STIM | SFTY | P | | | AOL AND HELD PJSM |
| 06:15 | 06:30 | 0.25 | COMPZ N | STIM | PRTS | P | | | RU GSI/15 MIN HOUSEKEEPING WALK AROUND |
| 06:30 | 07:00 | 0.50 | COMPZ N | STIM | PRTS | P | | | TL @ 7500 N2 POPOFF @ 6360 |
| 07:00 | 08:00 | 1.00 | COMPZ N | STIM | STIM | P | | | OPEN WELL W/ 0 PSI TO ACIDIZE STG 1 (EL) BROKE @ 3458 PSI AP 3067 PSI AR 9 BPM ISIP 2976 PSI LOAD 160 BBLS 6000 GALS HCL |
| 08:00 | 09:00 | 1.00 | COMPZ N | STIM | PERF | P | | | JSA REVIEW RIH PERF STG 2 CBP @ 7210 PERFS 6852 TO 7160 |
| 09:00 | 10:00 | 1.00 | COMPZ N | STIM | STIM | P | | | OPEN WELL W/ 0 PSI TO FRAC STG 2 (WA) BROKE @ 3621 PSI AP 4645 PSI AR 70 BPM ISIP 3621 PSI LOAD 3326 BBLS 3,000 GALS HCL WHITE 64206 SLC 38326 LBS |
| 10:00 | 13:00 | 3.00 | COMPZ N | STIM | PERF | T | | | JSA REVIEW RIH PERF STG 3 CBP @ 6770 CBP DID NOT SET POOH INSPECTED BHA PARTIAL COPPER WIRE WAS MAKING CONTACT W/PLUG SHOOT SHORTING GUN STRING JSA REVIEW RIH PERF STG 3 CBP @ 6770 PERFS 6450 TO 6721 |
| 13:00 | 16:00 | 3.00 | COMPZ N | STIM | STIM | T | | | OPEN WELL TO FRAC STG 3 (LCF) PUMPED 1400 BBLS & 4000 LBS WHITE 40/70 SHUT DWN & FLUSHED WELL WL ENGINEER NOTIFY CO. REP OF CBP & PERFS WERE SET & SHOT ON STG. 4 (CBP @ 6385 PERFS 6098 TO 6333) REVIEWED INFO RIH TAGGED CBP @ 6385 POOH JSA REVIEW |
| 16:00 | 18:00 | 2.00 | COMPZ N | MOVE | RURD | P | | | JSA REVIEW SECURE WELL SDFN |
| Head Count / Manhours | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | |
| HALLIBURTON | | FRAC CREW | | CONTRACTOR | | 26 | 14.00 | 364.00 | |
| GE OIL AND GAS | | WIRELINE CREW | | CONTRACTOR | | 4 | 14.00 | 56.00 | |
| CRUDE | | ONSITE SUPERVISOR | | EMPLOYEE | | 0 | 0.00 | | |
| WILDCAT | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | 14.00 | 14.00 | |
| GSI | | OTHER | | CONTRACTOR | | 2 | 4.00 | 8.00 | |
| WILDCAT OIL TOOLS | | OTHER | | CONTRACTOR | | 1 | 12.00 | 12.00 | |
| CONOCOPHILLIPS CO | | ENGINEER | | EMPLOYEE | | 1 | 6.00 | 6.00 | |
| SELECT ENERGY SERVICES | | OTHER | | CONTRACTOR | | 6 | 14.00 | 84.00 | |
| CRUDE CONSULTING INC | | SAFETY PERSONNEL | | CONTRACTOR | | 1 | 14.00 | 14.00 | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/20/2015
Report #: 7
Actual Days: 3.14

Drilling Parameters

| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
|--------------|------------------|----------------|--------------------|-------------------|-----------------|-----------------------|---------------|-----------|-----------|----------|---------|----------------|
| | | | | | | | | | | | | |

Casing Strings

| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) |
|-------------|---------|------------------|------------|-----------|----------------|----------------|-----------------|---------------------|
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/27/2015
Report #: 8
Actual Days: 3.59

| Well Info | | | | | | | | | | | | |
|--|------------------|--------------------------|--------------------|-------------------------------|-----------------|-----------------------|-----------------------|-----------------------------|---|--------------------|---------|----------------|
| API / UWI | | Region / Division | | District | | Field Name | | Original Spud Date | | | | |
| 4200346636 | | PERMIAN | | PERMIAN CONVENTIONAL | | EMBAR | | 4/18/2015 | | | | |
| County | | State/Province | | Original KB/RT Elevation (ft) | | | Ground Elevation (ft) | | | | | |
| ANDREWS | | TEXAS | | 3,266.00 | | | 3,252.00 | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category | | Last Casing String | | AFE Dur Total (days) | | Total AFE (Cost) | | Cumulative Cost (Cost) | | | | |
| COMPLETIONS | | Production1, 7,760.0ftKB | | | | 792,000.00 | | 356,413.00 | | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) | | Wellbore | | End Depth (ftKB) | | Depth Progress (ft) | | Daily Cost Total (Cost) | | | | |
| NABORS WELL SERVICE NABORS WS 1272 | | Original Hole | | 0.0 | | | | 58,175.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) | | | | |
| | | | | | | | | 3.59 | | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary | | | | | | | | | | | | |
| MOVE RIG TO LOC. HOLD PJSM/JSA/LOTO/TRY. SICP- 950 PSI. RU MANIFOLD TO PIT. SET RIG MAT/MIRU NWS 1272. BLEED DOWN/KILL CSG, ND FRAC VLV, NU BOP/SPOOL. SPOT RACKS/PIPE/LD MACHINE/RACK/TALLY TBG. PU COLLAR MILL/ 183- JTS. INSTALL FLOAT/NU STRIPPER HEAD. SECURE WELL, SDON. | | | | | | | | | | | | |
| 24hr Forecast | | | | | | | | | | | | |
| CLEAN OUT WELL. | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:30 | 07:30 | 1.00 | COMPZ N | RPCOMP | SFTY | P | | | TRAV. TO LOC. HOLD PJSM/JSA/LOTO/TRY. | | | |
| 07:30 | 10:00 | 2.50 | COMPZ N | RPCOMP | RURD | P | | | RU MANIFOLD TO PIT, BLEED DOWN. SET RIG MAT, RU NWS 1272. | | | |
| 10:00 | 10:30 | 0.50 | COMPZ N | RPCOMP | KLWL | P | | | KILL CSG. | | | |
| 10:30 | 11:30 | 1.00 | COMPZ N | RPCOMP | NUND | P | | | ND FRAC VLV, NU SPOOL/BOP. | | | |
| 11:30 | 12:30 | 1.00 | COMPZ N | RPCOMP | RURD | P | | | SPOT RACKS/LD MACHINE, RACK/TALLY TBG, RU WORKFLOOR. | | | |
| 12:30 | 13:00 | 0.50 | COMPZ N | RPCOMP | OTHR | P | | | LUNCH BREAK F/ CREW. | | | |
| 13:00 | 16:30 | 3.50 | COMPZ N | RPCOMP | PUTB | P | | | PU MILL/TBG. | | | |
| 16:30 | 17:30 | 1.00 | COMPZ N | RPCOMP | RURD | P | | | INSTALL FLOAT/NU STRIPPER. SECURE WELL, SDON. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | | Time (hr) | | Tot Work Time (hr) | | |
| NABORS WELL SERVICES LTD | | RIG CREW | | CONTRACTOR | | 4 | | 10.00 | | 40.00 | | |
| PAC | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | | 10.00 | | 10.00 | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | CONTRACTOR | | 2 | | 10.00 | | 20.00 | | |
| RYBREE SERVICES | | OTHER | | CONTRACTOR | | 1 | | 10.00 | | 10.00 | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | |
| Conductor | | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | |
| Surface | | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | |
| Production1 | | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/28/2015
Report #: 9
Actual Days: 4.03

| | | | | | | | | | | | | |
|---|------------------|------------------------------|--|-------------------|----------------------------------|---|---------------------|--------------------------------|---|--------------------------------------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | |
| County ANDREWS | | | State/Province TEXAS | | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | | Last Casing String Production1, 7,760.0ftKB | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 379,488.00 | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) NABORS WELL SERVICE NABORS WS 1272 | | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 23,075.00 | | | |
| Weather | | Hole Condition | | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 4.03 | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary TRAV. TO LOC. HOLD PJSM/JSA. SICP/80 PSI. RU NITRO/FOAM UNIT. BREAK CIRC. RIH/PU TBG TAG/DRLG PLUG @ 6,385'. RIH TO 7,210' TAG PLUG, CIRC WELL. KILL TBG, RD SWIVEL, POH ABOVE PERFS. PUMP 320 BBL/RECOVERED 510 BBL. SECURE WELL, SDON. | | | | | | | | | | | | |
| 24hr Forecast CIRC WELL. | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:30 | 07:30 | 1.00 | COMPZ N | RPCOMP | SFTY | P | | | TRAV. TO LOC. HOLD PJSM/JSA. | | | |
| 07:30 | 09:00 | 1.50 | COMPZ N | RPCOMP | CIRC | P | | | RU FOAM UNIT, BREAK CIRC. | | | |
| 09:00 | 10:00 | 1.00 | COMPZ N | RPCOMP | FCO | P | | | RIH/PU TBG TAG PLUG @ 6,385'. DRLG PLUG. | | | |
| 10:00 | 11:00 | 1.00 | COMPZ N | RPCOMP | FCO | P | | | RIH TAG PLUG @ 7,210'. CIRC. | | | |
| 11:00 | 16:00 | 5.00 | COMPZ N | RPCOMP | FCO | P | | | CIRC WELLBORE. | | | |
| 16:00 | 17:00 | 1.00 | COMPZ N | RPCOMP | FCO | P | | | KILL TBG,RD SWIVEL, POH ABOVE PERFS. SECURE WELL, SDON. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | | | |
| NABORS WELL SERVICES LTD | | RIG CREW | | | CONTRACTOR | | 4 | 10.00 | 40.00 | | | |
| PAC | | ONSITE SUPERVISOR | | | CONTRACTOR | | 1 | 10.00 | 10.00 | | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | | CONTRACTOR | | 2 | 10.00 | 20.00 | | | |
| RYBREE SERVICES | | OTHER | | | CONTRACTOR | | 1 | 10.00 | 10.00 | | | |
| WELL FOAM | | TOOL HAND | | | CONTRACTOR | | 2 | 10.00 | 20.00 | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (") | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | | |
| Conductor | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | | |
| Surface | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | | |
| Production1 | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 5/29/2015
Report #: 10
Actual Days: 4.47

| Well Info | | | | | | | | | | | | |
|--|------------------|-------------------|------------------------------|--|-----------------|----------------------------------|---|---------------------|---|--------------------------------------|--------------------------------------|----------------|
| API / UWI 4200346636 | | | Region / Division PERMIAN | | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | |
| County ANDREWS | | | | State/Province TEXAS | | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | | | Last Casing String Production1, 7,760.0ftKB | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 401,813.00 | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) NABORS WELL SERVICE NABORS WS 1272 | | | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 22,325.00 | | |
| Weather | | | Hole Condition | | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 4.47 | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary | | | | | | | | | | | | |
| TRAV. TO LOC. HOLD PJSM/JSA. SICP- 700 PSI. BLEED DOWN. RIH W/19 STANDS/TFF/NO FILL. RU FOAM UNIT, CIRC WELL. KILL TBG, POH ABOVE PERFS. ND STRIPPER. PUMP 305 BBL/ RECOVER 630 BBL. SECURE WELL, SDOWE. | | | | | | | | | | | | |
| 24hr Forecast | | | | | | | | | | | | |
| SPOT CORROSION PILL, POH W/ MILL. RU PROD TBG. | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:30 | 07:30 | 1.00 | COMPZN | RPCOMP | SFTY | P | | | TRAV. TO LOC. HOLD PJSM/JSA. | | | |
| 07:30 | 08:30 | 1.00 | COMPZN | RPCOMP | KLWL | P | | | SICP- 700 PSI. BLEED DOWN, RIH W/ 19 STANDS | | | |
| 08:30 | 09:30 | 1.00 | COMPZN | RPCOMP | CIRC | P | | | BREAK CIRC. | | | |
| 09:30 | 15:30 | 6.00 | COMPZN | RPCOMP | CIRC | P | | | CIRC WELL. | | | |
| 15:30 | 17:00 | 1.50 | COMPZN | RPCOMP | NUND | P | | | KILL TBG. POH ABOVE PERFS, ND STRIPPER. SECURE WELL, SDOWE. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | | Personnel Type | | Count | | Time (hr) | | Tot Work Time (hr) | |
| NABORS WELL SERVICES LTD | | RIG CREW | | | CONTRACTOR | | 4 | | 10.00 | | 40.00 | |
| PAC | | ONSITE SUPERVISOR | | | CONTRACTOR | | 1 | | 10.00 | | 10.00 | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | | CONTRACTOR | | 2 | | 10.00 | | 20.00 | |
| RYBREE SERVICES | | OTHER | | | CONTRACTOR | | 1 | | 10.00 | | 10.00 | |
| WELL FOAM | | TOOL HAND | | | CONTRACTOR | | 2 | | 10.00 | | 20.00 | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | | | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | |
| Conductor | | | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | |
| Surface | | | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | |
| Production1 | | | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 6/1/2015
Report #: 11
Actual Days: 4.91

| | | | | | | | | | | | | |
|---|------------------|--|--------------------|---|-----------------|-----------------------------------|--------------------|--------------------------------------|---|--------------------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | | | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | Ground Elevation (ft) 3,252.00 | | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | Last Casing String Production1, 7,760.0ftKB | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 420,838.00 | | | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) NABORS WELL SERVICE NABORS WS 1272 | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 19,025.00 | | | | |
| Weather | | Hole Condition | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 4.91 | | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary TRAV. TO LOC. HOLD PJSM/JSA. SITP- 950 PSI/SICP- 900 PSI. BLEED TO PIT/KILL CSG. RIH W/ 19 STANDS, SPOT 3 DRUM CHEM PILL/FLUSH. LD TAG TBG, POH LD MILL. PU BTM HOLE ASSY, (1/4 TURN TBG ANCHOR), RIH W/ TBG. ND BOP, SET TAC, NU WH. RU ROD TOOLS/WORKFLOOR. SECURE WELL, SDON. | | | | | | | | | | | | |
| 24hr Forecast PU PUMP/ROD STRING. | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:30 | 07:30 | 1.00 | COMPZN | RPCOMP | SFTY | P | | | TRAV. TO LOC. HOLD PJSM/JSA. | | | |
| 07:30 | 09:00 | 1.50 | COMPZN | RPCOMP | KLWL | P | | | SITP- 950 PSI/SICP- 900 PSI. BLEED TO PIT/KILL CSG. | | | |
| 09:00 | 10:00 | 1.00 | COMPZN | RPCOMP | ALFT | P | | | RIH W/ 19 STANDS, PUMP 3 DRUM CHEMICAL/FLUSH. | | | |
| 10:00 | 12:30 | 2.50 | COMPZN | RPCOMP | TRIP | P | | | LD 4 JTS TAG TBG, POH W/ TBG. LD MILL. | | | |
| 12:30 | 13:00 | 0.50 | COMPZN | RPCOMP | OTHR | P | | | LUNCH BREAK F/ CREW. | | | |
| 13:00 | 15:30 | 2.50 | COMPZN | RPCOMP | TRIP | P | | | PU BTM HOLE ASSY, 1/4 TURN TBG ANCOR. RIH W/ TBG. RD WORKFLOOR. | | | |
| 15:30 | 17:00 | 1.50 | COMPZN | RPCOMP | NUND | P | | | ND BOP, SET 1/4 TURN TAC, NU WH. SECURE WELL, SDON. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | Personnel Type | | Count | | Time (hr) | | Tot Work Time (hr) | | |
| NABORS WELL SERVICES LTD | | RIG CREW | | CONTRACTOR | | 4 | | 10.00 | | 40.00 | | |
| PAC | | ONSITE SUPERVISOR | | CONTRACTOR | | 1 | | 10.00 | | 10.00 | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | CONTRACTOR | | 1 | | 10.00 | | 10.00 | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | |
| Conductor | | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | |
| Surface | | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | |
| Production1 | | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | |



178.Daily Partner Report
UNIVERSITY ANDREWS 281

Report Date: 6/2/2015
Report #: 12
Actual Days: 5.39

| | | | | | | | | | | | | |
|---|------------------|------------------------------|--|---|-------------------------|-----------------------|-----------------------------------|--------------------------------|---|--------------------------------------|---------|----------------|
| Well Info | | | | | | | | | | | | |
| API / UWI 4200346636 | | Region / Division PERMIAN | | District PERMIAN CONVENTIONAL | | | Field Name EMBAR | | Original Spud Date 4/18/2015 | | | |
| County ANDREWS | | State/Province TEXAS | | Original KB/RT Elevation (ft) 3,266.00 | | | Ground Elevation (ft) 3,252.00 | | | | | |
| Job Summary | | | | | | | | | | | | |
| Job Category COMPLETIONS | | | Last Casing String Production1, 7,760.0ftKB | | | AFE Dur Total (days) | | Total AFE (Cost) 792,000.00 | | Cumulative Cost (Cost) 471,313.00 | | |
| Daily Ops Summary | | | | | | | | | | | | |
| Rig (Names) NABORS WELL SERVICE NABORS WS 1272 | | | Wellbore Original Hole | | End Depth (ftKB) 0.0 | | Depth Progress (ft) | | Daily Cost Total (Cost) 50,475.00 | | | |
| Weather | | Hole Condition | | | Drilling Hours (hr) | | Avg ROP (ft/hr) | | Cum TL Days from Spud (...) 5.39 | | | |
| Ops and Depth @ Morning Report | | | | | | | | | | | | |
| Last 24hr Summary TRAV. TO LOC. HOLD PJSM/JSA. UNLOAD/PREP RODS. FOUND WRONG STABILIZERS/WAIT ON REPLACEMENTS. PU PUMP/S.BARS/RODS. HOSO. L/T TO 500 PSI. RUN UNIT 2 STROKES TO 500 PSI. VERIFY BY MSO. RDMO NWS 1272. CLEAN LOCATION. JOB COMPLETE. | | | | | | | | | | | | |
| 24hr Forecast TURN OVER F/ FLOWLINE. | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Phase | Op Code | Activity Code | Time P-T-X | Start Depth (ftKB) | End Depth (ftKB) | Operation | | | |
| 06:30 | 07:30 | 1.00 | COMPZ N | RPCOMP | SFTY | P | | | TRAV. TO LOC. HOLD PJSM/JSA. | | | |
| 07:30 | 08:30 | 1.00 | COMPZ N | RPCOMP | ALFT | P | | | UNLOAD/PREP RODS. FOUND WRONG STABILIZERS/WAIT ON REPLACEMENTS. | | | |
| 08:30 | 10:30 | 2.00 | COMPZ N | RPCOMP | OTHR | T | | | WAIT ON NORRIS 2-1/2 STABILIZERS. | | | |
| 10:30 | 12:00 | 1.50 | COMPZ N | RPCOMP | PULD | P | | | PU PUMP/ 16- S.BARS/10 STABILIZERS, 65-7/8" RODS. | | | |
| 12:00 | 12:30 | 0.50 | COMPZ N | RPCOMP | OTHR | P | | | LUNCH BREAK F/ CREW. | | | |
| 12:30 | 15:30 | 3.00 | COMPZ N | RPCOMP | PULD | P | | | PU 59- 1" KD/92- 1.2 FG RODS. | | | |
| 15:30 | 16:30 | 1.00 | COMPZ N | RPCOMP | HOSO | P | | | SPACE OUT, HANG WELL ON. L/T- GOOD VERIFY BY MSO. | | | |
| 16:30 | 18:00 | 1.50 | COMPZ N | RPCOMP | RURD | P | | | RDMO NWS 1272, CLEAN LOCATION. | | | |
| Head Count / Manhours | | | | | | | | | | | | |
| Company | | Function | | | Personnel Type | | Count | Time (hr) | Tot Work Time (hr) | | | |
| NABORS WELL SERVICES LTD | | RIG CREW | | | CONTRACTOR | | 4 | 10.00 | 40.00 | | | |
| PAC | | ONSITE SUPERVISOR | | | CONTRACTOR | | 1 | 10.00 | 10.00 | | | |
| DIAMOND PUMP & TRANSPORT | | TRUCKER | | | CONTRACTOR | | 1 | 10.00 | 10.00 | | | |
| Drilling Parameters | | | | | | | | | | | | |
| Start (ftKB) | End Depth (ftKB) | Cum Depth (ft) | Drilling Time (hr) | Sliding Time (hr) | Int ROP (ft/hr) | Flow Rate (gpm) (gpm) | WOB (1000lbf) | RPM (rpm) | SPP (psi) | Drill Tq | TFO (°) | dP (SPP) (psi) |
| | | | | | | | | | | | | |
| Casing Strings | | | | | | | | | | | | |
| Csg Des | | OD (in) | Set Depth (ftKB) | Top (ftKB) | Run Date | Drift Min (in) | Wt/Len (lb/ft) | P LeakOff (psi) | Dens Fluid (lb/gal) | | | |
| Conductor | | 16 | 54.0 | 14.0 | 4/11/2015 | | 65.00 | | | | | |
| Surface | | 8 5/8 | 1,410.1 | 14.0 | 4/19/2015 | | 24.00 | 890.4 | 12.00 | | | |
| Production1 | | 5 1/2 | 7,760.0 | 14.0 | 4/24/2015 | 4.767 | 17.00 | | | | | |