

EP WELLS DAILY OPERATIONS REPORT

Report 64

09/18/2017

Company PERMIAN
 Well Type Development
 Well UNIVERSITY 19 PW UNIT 1504H
 Wellbore UNIVERSITY 19 PW UNIT 1504H ST01
 WBS No/API No 30265014 / 4230133171.01

Event Summary

| | | | | | |
|------------|---------------------|--------------------|------------------|------------------|-------|
| Event Type | Completion only | Event Start Date | 04/28/2017 | Days on Location | 63.00 |
| Objective | Install Completion | Original Spud Date | 02/02/2017 | | |
| Est. Days | 25.00 | Contractor | PERMIAN WELL SVC | | |
| Work Unit | PERMIAN COMPLETIONS | Days To Release | | | |
| | | Rig Phone/FAX No. | | | |

Well Status

| | | | |
|------------------------------------|--------------------------|--------------------------|---|
| Supervisor | Ben Dickinson | Measured Depth(ft) | |
| Engineer | Bobby Ramos | TVD(ft) | |
| Other Supervisor | | 24 Hr Progress(ft) | |
| Depth Ref/Grd Elev/Water Depth(ft) | DFE: 2,761.75 / 2,736.10 | Hole size(in) | |
| THF Datum | | | |
| Daily NPT(hr/%) | 0/0 | Last Casing MD | |
| Days Ahd(-) Bhnd(+)(50/50) | | Next Casing MD | |
| Actual cost to date/AFE | 5,611,101/4,757,442.00 | Current MW / BH EMW(ppg) | / |
| Actual divided by AFE | 1.18 | LOT/FIT EMW(ppg) | |
| Daily Cost | 1,092 | Lithology | |
| | | Formation/MD Top | |

HSE Summary

| Last Incident | Date | Days | Last Incident | Date | Days | KPI's |
|---|------|------|---|------|------|--|
| LWC RWC MTC FAC Last casing pressure test | | | PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review | | | TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi) |
| Safety Comments: | | | | | | |

HSE Drills

| Drills/Tests | Date | Days Since Last | JSA's/Toolbox Talks Days Since Last Drill |
|---|------|-----------------|--|
| Last Derrick Inspection Last BOP function test Last BOP Test Next BOP Test | | | 62 |

Operations Summary

| |
|---|
| 24 Hour Summary |
| Complete packer run, swap over to 1503 well. Perform negative test. TEST GOOD. |
| Update Since Report Time |
| |
| 24 Hour Forecast |
| Standby |

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Time Summary

| Start | Hours | PH | OPN | Detail | Drilled Depth (ft) | NPT level | Rig Rate | Description |
|-------|-------|------|-----|--------|--------------------|-----------|----------|---|
| 0:00 | 7.00 | WINF | DRF | | | 0 | | Standby for daylight |
| 7:00 | 0.47 | WINF | SPB | | | 0 | | PJSM: Review JSA, HazID and Objectives. Discuss UNCAAP safe work strategy. |
| 7:28 | 0.12 | WINF | SPB | | | 0 | | Crew fire up equipment and setup |
| 7:28 | 0.20 | WINF | SPB | | | 0 | | Verify Halliburton packer assembly: Gudgeon On/Off Tool ID 2.313" OD 5.515" Length 1.69' 7" 23-29# Versa Set PLT Packer ID 2.423" OD 5.910" Length 7.15' 2-7/8" Pup Joint ID 2.372" OD 3.125 Length 10.11' XN Nipple ID 2.313" OD 3.240" Length 1.42' 2-7/8" Pup Joint ID 2.372" OD 3.125" Length 10.08' 2-7/8" 15k Magnum Disk w/ Re-entry Guide ID 2.440" OD 3.75" Length 1.91' TOTAL LENGTH 32.36' |
| 7:40 | 0.17 | WINF | SPB | | | 0 | | MU packer assemble to WL setting BHA as follows: Cable head OD 1-7/16" (Fishing neck 1") Length 0.125' CCL OD 3.125" Length 2.5' Baker 20 Setting Tool OD 3.625" Length 6' 7" 23-29# Versa Set PLT Packer OD 5.910" Length 7.15' 2-7/8" Pup Joint OD 3.125 Length 10.11' XN Nipple OD 3.240" Length 1.42' 2-7/8" Pup Joint OD 3.125" Length 10.08' 2-7/8" 15k Magnum Disk w/ Re-entry Guide OD 3.75" Length 1.91' TOTAL LENGTH 39.295' |
| 7:50 | 0.17 | WINF | SPB | | | 0 | | load BHA and packer assembly into lube. |
| 8:00 | 0.08 | WINF | SPB | | | 0 | | Valve team walk line and verify valve alignment. Open wing valves. |
| 8:05 | 0.12 | WINF | SPB | | | 0 | | WL break off night cap and put next to well. Crane get back on lube. Stand lube. |
| 8:12 | 0.17 | WINF | SPB | | | 0 | | Crane PU lube and stab lube onto 1504. |
| 8:22 | 0.15 | WINF | SPB | | | 0 | | SAFETY PAUSE: Discuss 9 QFSPT. Verify valve alignment. |
| 8:31 | 0.15 | WINF | SPB | | | 0 | | Test unit fill lube. |
| 8:40 | 0.10 | WINF | SPB | | | 0 | | Test unit bring pressure to 3500 psi. Hold 2 min, verify stabilization. |
| 8:46 | 1.57 | WINF | SPB | | | 0 | | Valve team open UMV and LMV WL start packer run. |
| 10:20 | 0.20 | WINF | SPB | | | 0 | | WL @ flagged joint. Correlate and correct +12.5' Cont. RIH |
| 10:32 | 0.03 | WINF | SPB | | | 0 | | WL at depth of 10,796.5' CCL Top of Packer at 10807.35' End of Packer assembly at 10,838.02' Preset tension 2121 lbs Burn time 40 seconds Post tension 1440 lbs WL POOH |
| 10:34 | 0.17 | WINF | SPB | | | 0 | | Valve team bleed down well. Bleed back 8 bbl. |
| 10:44 | 0.38 | WINF | SPB | | | 0 | | Start 30 min negative test. |
| 11:07 | 0.13 | WINF | SPB | | | 0 | | WL at surface Valve team shut in UMV and LMV. Bleed and drain lubricator. |
| 11:15 | 0.12 | WINF | SPB | | | 0 | | Break off lube and swing back. lay down lube and break out tools. |
| 11:22 | 0.13 | WINF | SPB | | | 0 | | Complete negative test. TEST GOOD |
| 11:30 | 0.33 | WINF | SPB | | | 0 | | Begin ND blind flange on 1505. Blind flange off, pick up night cap and begin ND BOPS from 1504 |

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| Start | Hours | PH | OPN | Detail | Drilled Depth (ft) | NPT level | Rig Rate | Description |
|--------------|--------------|------|-----|--------|--------------------|-----------|----------|--|
| 11:50 | 0.42 | WINF | SPB | | | 0 | | ND BOPS |
| 12:15 | 0.07 | WINF | SPB | | | 0 | | Swing off BOPS from 1504 and stab BOPS on 1503. Stab blind flange on 1504. End reporting on 1504. See 1503 for operations. |
| 12:19 | 11.68 | WINF | OPO | | | 0 | | Standby for work on 1503 |
| Total | 24.12 | | | | | | | |

06.00 Update

| Start | Hours | PH | OPN | Detail | Drilled Depth (ft) | NPT level | Description |
|-------|-------|------|-----|--------|--------------------|-----------|-------------|
| 0:00 | | WINF | RGO | | | 0 | |