

Completion Complete Job Start Date: 4/23/2015 Job End Date:

30-015-42889 **Business Unit** Skeen 22-26-26 Fed Delaware River SKEEN 23-26-26 FED 006H Mid-Continent Current RKB Elevation Mud Line Elevation (ft Water Depth (ft) Ground Elevation (ft) Original RKB (ft) 3,431.00 3,453.00 3,453.00, 3/4/2015 Report Start Date: 4/23/2015 No activity on well site RU risers for surface and intermidate casing and fill in cellar with pea gravel. Set anchors on locaiton. Note: Taller riser for intermediate. NM OIL CONSERVATION No activity on well site. ARTESIA DISTRICT Report Start Date: 4/24/2015 No activity on well site Meet with Halliburton Rep and set downhole frac tank layout. NOV drop off equipment on location. No activity on well site RECEIVED Report Start Date: 4/25/2015 Com THE STATE OF THE S No activity on well site. Deliver and set 4 fresh water frac tanks. SIICP 200psi. Bled down to 0psi recovered no fluid. RU WW wireline test pump and load intermediate casing with 15 bbls fresh water and pressure test to 550 psi and held for 30 min lost a total of 10 psi in that time. ((good charted test). Bled down to 0psi. No activity at well site. Report Start Date: 4/26/2015 機能器(其类等)以,Comile to 企業等與一個的。或以中国被以由的不可能的第三人 No actiivity on well site Held JSA with Fesco, TNT, WW wireline, OTG, Basic, Petro & GE. ND 7 1/16" 10K DHF NU 7 1/16" 10K manual master lower master valve. Wait on GE well tech. Pull 5" BPV & set flow bushing with 2 way check and run in lock down pins. Test LMV to 250psi low and 9,000pis high. Held for 10 min (good test). ND 7 1/16" 10K night cap. Pull flow bushing & two way check. NU 7 1/6" 10K hydraulic middle valve, 7 1/16" flowcross with manual and hydraulic valve on each side & 7 1/16" 10K manual upper valve with night cap. Lay containment & set OTT, RU Fesco flowback equipment & function test all hydraulic valves, MIRU Petroplex pump trucks and equipment. Shell test frac stack and flowback equipment to 250,psi low and 9,000psi high (good test). Prime and test surface lines to 9,000 psi. Test pass. Open well and pressure up on casing to 3,000 psi. Held pressure for 30 min. Increased pressure to 8,500psi held for an additional 38min (held 100psi on Sleeve opend and pressure fell to 1,800psi. Established injection rate at 14.0 BPM 4,200 psi. Pumped 100 bbls into formation. backside). ISIP 2,455 psi. 5min1,284 Shut in well. RDMO Petroplex pump trucks. No activity on well site Report Start Date: 4/27/2015 No activity on well site. Del and set 2 company man trailer & 1 safety trailer. Set 3 fresh water frac tanks. No activity on well site. Report Start Date: 4/28/2015 Com " No activity on well site. Set 2nd Fesco OTT and RU down stream line to tank. Start RU of NOV water transfer lines and pumps. Set 2 Hallibuton sand kings, 1 castle & T belt. No activity on well site. Report Start Date: 4/29/2015 No activity on well site. Deliver & set 4 remaining frac tanks. Set last sand castle RU water transfer lines. No activity on well site. Report Start Date: 4/30/2015

No activity at well site.

Finish RU water transfer manifold and pre fill all FW tanks.

No activity at well site.

Page 1/16

Report Printed: 6/24/2015



Completion Complete Job Start Date: 4/23/2015

Job End Date:

ield Name Business Unit SKEEN 23-26-26 FED 006H Skeen 22-26-26 Fed Mid-Continent Delaware River Current RKB Elevation Water Depth (ft) Ground Elevation (ft) Original RKB (ft) Mud Line Elevation (ft) 3,431.00 3,453.00 3,453.00, 3/4/2015

Report Start Date: 5/1/2015

No activity at well site.

Held safety meeting will personal on location. Discuss hazards and hot eliminate or midigate.

NU 7 1/16" 10K goat 6 port goat head and test to 9,000psi (ggod test).

RU Hallibuton pump down blender and 2 pumps. (Restain all lines). Test lines to 9,000psi (good test).

RU Hallibuton wireline & PWR BOP's and lubricator.

MU weight bar and test lubricator to 8,000psi Had leak and changed "O" ring on lubricator. Re-test to 8,000psi and held. Bled down to 0psi & LD weight bar. SICP: 600psi " Radio Silence" MU 3 1/8"guns and 4.37" dummy plug for stage#1 perfs. PU lubricator and MU on WH. Equalize to WH

"Perf Stage #1

Plug Setting Depth: NA

Perf Depths: 11,833', 11,763', 11,693', 11,623'NA

60° Phasing

Notes: Pump down at 16 bpm, 404 bbls total at 4,800psi. Run CCL log 100' above SJ."

LD gun assembly and lubricator. All shots fired. Well shut in.

Held debrief with all personal.

Start offloading sand

Report Start Date: 5/2/2015

Offload sand.

No activity on well site.

HSm and JSA with Petro, OTG & Hallibuton.

RD 1 acid tank and replace

Set remaining frac containment. Pre mix 45,000 gal 15% HCL acid. Offload sand

Cont' to take delivery of frac sand.

Report Start Date: 5/3/2015

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Continue offloading sand

No activity at well site.

Held safety meeting with Hallibuton, OTG, Fesco, Petro & TNT

MIRU Hallibuton frac equipment (Backside equipment= 1 blender/1 Gel Pro, missle & 14 frac pumps). Hang 5 risers. Restrain all lines. RU N2 pop-off and release line to OTT. RU mechanical pop-off and test truck to intermediate csg. MIRU TCC.

NOTE: 17:30 hrs HSM & PJSA w/ night crews

Report Start Date: 5/4/2015

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Down-hole blender would not crank Belly line on Gel X-Port plugged up.

Prime & test lines to 9,000psi. Pop off set at 8,000psi. Backside pop off set at 1,400psi.

"Frac Stage #1

Breakdown Pressure: 4,630 psi Average Pump Rate: 85.9 bpm Max Pump Rate: 90.79 bpm Average Pump Pressure: 4,269 psi

Max Pump Pressure: 6,529 psi

ISIP: 1771 psi

Clean Volume Pumped: 203,574 gals Total Proppant Pumped: 272,760 lbs

Notes: Pop off set at 8,000psi.

SICP: 2200 MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#2 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #2

Plug Setting Depth: 11,441'

Perf Depths: 11,205', 11,272', 11,339', 11,406'NA

60° Phasing

Notes: Pump down guns 12 BPM at 1775psi. Tag 11,441' unable to move in hole or out of hole. Pump 214 bbls between 6 bpm and 12 bpm unable to pump free or work free. Set plug and tool string freed up. Appeared to be a collar where plug was hung up at.



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| Well Name | , , | Lease | Field Name | Business Unit | |
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| Ground Elevation (ft) | Original RKB (ft) | Current RKB Elevation | | Mud Line Elevation (ft) | Water Depth (ft) |
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Held safety stand down to discuss previous near miss.

POOH. Once into lubricator and tool trap shut cycled crown valve getting all rounds. Shut in hydraulic valve. Bled off psi to "0" to OTT. Break off lubricator at quick test sub connection. MU WL entry guide onto BTM of lubricator. Swing lubricator to the side of well head with setting tool visible at the BTM of the WL entry guide. WL operator began to slack off and lost tension. Before he could regain tension the guns and setting tool fell through the WL entry guide snapping the wire from the rope socket due to excess slack and fell to the ground. The top portion of the guns were still in the lubricator due to the Crane operator slacking off when he saw the tool string drop. At this point we also had a visual verification of all shots fired. LD lubricator and spent guns at the same time and began investigation.

Actions After Event:

1.Debrief crews on event. What went well: Crane operator recognized to much slack in WL and slacked off lubricator. Everyone was outside buffer zone during event. No one got hurt. Everyone gathered and went over risk assessment before continuing.

What went wrong: Operator failed to recognize excess slack in line and recover in timely manner.

2.Pre-Tour Safety Meeting: Discussed events. How important it is to stay away from over-head loads and maintain buffer distance. State of mind paying attention to surroundings and acting as Crane operator did.

NOTE: No injuries or property damage.

Note: Also had weather delay at this time.

Frac Stage #2

Breakdown Pressure: 3,451 psi Average Pump Rate: 90 bpm Max Pump Rate: 91.8 bpm Average Pump Pressure: 4,139 psi Max Pump Pressure: 7,238 psi ISIP: 2,021 psi Clean Volume Pumped: 5,444 gals

Clean Volume Pumped: 5,444 gals Total Proppant Pumped: 276,740 lbs

NOTE: TLR 5372

NOTE: N2 Pop-off set @ 8000

SD due to lightning strikes w/in limits in 30 minute period.

PU lubricator and weight bars ande MU on WH. Test lubricator 250/8000 psi. Good Test. Bled to "0" psi to OTT and ND off WH @ QT sub.

SICP: 1375

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#3 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #3

Plug Setting Depth: 11,168

Perf Depths: 11,140', 11,073', 11,006', 10,939'

60° Phasing

Notes: Max rate 11 BPM @ 1400 psi. Pumped 295 bbls"

Begin to POOH

NOTE: While pumping down Peak Set-A-Seat plug increased rate to 13 bpm and ball seated in running tool increaseing tension to 1800# LT decrease rate to 9 bpm and still too much tension. SD pumps and PU to KOP. BPUTS @ 11 bpm and PD to set depth.

Report Start Date: 5/5/2015

Cont POOH after perforating stage #3. Bump up and SIW. Bleed off pressure to OTT.

Fesco grease frac valves

SD due to lightning strikes

LD gun and setting tool BHA stage #3

NOTE: All shots fired



Completion Complete Job Start Date: 4/23/2015 Job End Date:

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"Frac Stage #3

Breakdown Pressure: 2,891 psi Average Pump Rate: 90.6 bpm Max Pump Rate: 93.4 bpm Average Pump Pressure: 4,096 psi Max Pump Pressure: 6,560 psi ISIP: 1,814 psi

Clean Volume Pumped: 5,474 bbls Total Proppant Pumped: 282,180 lbs

Notes: TLR 5403"

NOTE: N2 Pop off set @ 8000 psi

SICP:

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#4 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #4

Plug Setting Depth: 10,905'

Perf Depths: 10,872', 10,805', 10,738', 10,671'

60° Phasing

Notes: Max rate 11 BPM @ 1540 psi. Pumped196 bbls"

"Frac Stage #4

Breakdown Pressure: 2,973 psi . Average Pump Rate: 90.1 bpm Max Pump Rate: 90.4 bpm Average Pump Pressure: 3,978 psi Max Pump Pressure: 7,479 psi ISIP: 2,015 psi

Clean Volume Pumped: 219,450 gals Total Proppant Pumped: 291,320 lbs Notes: Pop off set at 8,000psi."

SICP: Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#5 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #5

Plug Setting Depth: 10,637

Perf Depths: 10,604', 10,537', 10,470', 10,403'NA

60° Phasing

Notes: Pump down guns 11 BPM at 1745psi. While POOH saw drag from 7,750' to 6,300'. Only able to POOH between 5 FPM and 30 FPM until above 6,300'. Saw sand in wire possible sand in grease tubes causing drag. Lay down lubricator and clean grease head."

Fesco grease frac valves

Test lines to 9,000psi. Re test pop off to 8,000psi.

"Frac Stage #5

Breakdown Pressure: 3,678 psi Average Pump Rate: 90 bpm Max Pump Rate: 90.3 bpm Average Pump Pressure: 4,348 psi Max Pump Pressure: 7,258 psi

ISIP: 1,808 psi

Clean Volume Pumped: 215,208 gals Total Proppant Pumped: 286,280 lbs Notes: Pop off set at 8,000psi."

SICP: Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#6 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #6

Plug Setting Depth: 10,369'

Perf Depths: 10,336', 10,269', 10,202', 10,135'NA

60° Phasing

Notes: Pump down guns 11 BPM at 1695psi. 191 bbls pumped."

Fesco grease frac stack

Bleed psi to"0" to OTT. Reconfigure lubricator to QTS below the Tool Trap. Break off lubricator below Tool Trap and LD guns and setting tool BHA stage #6



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"Frac Stage #6

Breakdown Pressure: 2,556 psi Average Pump Rate: 90.1 bpm Max Pump Rate: 90.9 bpm Average Pump Pressure: 3,902 psi Max Pump Pressure: 4,740 psi

ISIP: 1,798 psi Clean Volume Pumped: 5,342 bbls Total Proppant Pumped. 254,720 lbs

Notes: TLR 5342"

PU lubricator and weight bars and MU on WH. Pressure test lubricator to 250/8000 psi. Good Test

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#7 perfs. PU lubricator and MU on WH. Equalize to WH.

TIH w/ guns and Peak Set A Seat Plug to perforate stage #7 correlating w/ SJ @ 6671-6681'. BPUTS increasing 3 bpm increments until reaching 11 bpm @ 1800 psi w/ WL TIH @ 225 fpm w/ LT 850# and all at once SD @ 7950 (collar @ 7950)). SD pumps and attempt to PU on plug working from LT 1/680# 1/2400#. Attempt to PD from 3- 12 bpm multiple times. Attempt to surge w/ no success. Attempt to PD @ 12 bpm w/ LT 850# w/ no success and lubricator began to leak.

NOTE: SD called Superintendent. Call made to set plug and POOH w/ w/ guns.

Report Start Date: 5/6/2015

Hold 2400# tension on plug to attempt to free w/ no success.

Set Peak Plug @ 7950' w/ LT 1275# after set 800#. POOH to 500' and SD for safety meeting LD live guns.

HSM & PJSA w/ all essential personnel involved in LD live guns. Revised and review JSA's.

NOTE: Move all non essential personnel to entrance

Bump up into lubricator. Cycled crown valve Close in hydraulic valve and bleed off to OTT. ND off WH and LD and disarm guns.

NOTE: Inspect setting tool. Balls in setting tool had heavy grease on them and no sand. Trace of sand in threads of setting tool.

RDMO Halliburton WLU, PWR pressure control. ND WL Flange and NU night cap.

HSM & PJSA w/ day crews.

Debrief w/ night crews

RD risers from Goat head. ND Goat head and NU Crown valve onto flow cross.

Wait on CT Unit

RU Coil Tubing Unit and related aux equipment. Load reel:

WO 40' of 5-1/8" certified Riser and spool.

NOTE: The orginal 5-1/8 riser sent out was out of compliance, last test chart was in 2013

Report Start Date: 5/7/2015

Salar Company of the Company

WO certified lubricator and spool

PU injector. MU 4 1/16" X 5 1/8" spool and 40' lubricator.

MU CT/DO 4.75" Butterfly Mill BHA as follows from top to bottom

| OD | Description | Length | |
|--|--|----------------|-------|
| 2.88" 2.88" 2.88" 2.88" 2.88" 2.88" 2.88" 2.88" 3.31" 4.75" | CT connector Dual BPV Fau Hyd Disconnect Circ Sub Hydro Pull Filter Sub Hydro Pull Tool Hydro Pull Hammer sub X Treme AD Motor X Over Glyphalloy Butterfly Mill | 12.60' .93' | 1.37' |

TOTAL LENGTH 25 72'

NOTE: MU 2.88" CT connector onto 2 3/8" pipe.

Pull test twice 20,000# / 25,000#. Good Test. Function Test motor @ surface 3 bpm @ 3600 psi



Completion Complete Job Start Date: 4/23/2015 Job End Date:

 Well Name
 Lease
 Field Name
 Business Unit

 SKEEN 23-26-26 FED 006H
 Skeen 22-26-26 Fed
 Delaware River
 Mid-Continent

 Ground Elevation (ft) 3,431.00
 Original RKB (ft) 3,453.00 3,453.00 3,453.00 3,44/2015
 Current RKB Elevation (ft) 4,400.00 (ft) 4,400.0

MU lubricator on BOP and pressure test to 250/8000 psi. Good test.

TIH w/CT @ 50ft/min

Noticed Swivel Packing leaking @5600'

Repair Swivel Packing.

TIH f/5600' t/6700 @ 70ft/min

TIH f/6700 t/7950 @ 30ft/min

"Tagged Plug #6 @ 11:00 @ 4,400' circ press. WHP 1,000 psi

Saw stall once plug was tagged. PU off stall and retag plug. Did not see any torque or stalls. Attempted to mill plug for 3.5 hrs with no success.

Notes: Saw increase in pressure when plug was tagged. Did not see plug parts returned in sweeps or plug catcher. Decision was made to POOH and replace BHA."

POOH f/9750' t/surface @ 120ft/min

L/D BHA #1

Found circ sub to be sheared and seals blown out.

Replaced mud motor and circulating sub, kept the mill and everything else the same.

P/U BHA #2 as follows:

MU CT/DO 4.75" Butterfly Mill BHA as follows from top to bottom

| OD . | Description | Length | |
|----------------|--------------------------------|----------------|-------|
| 2.88" | CT connector | 1.23' 1.93' | |
| 2.88" 2.88" | Dual BPV | 2:02' | |
| 2.88" | Fau Hyd Disconnect Circ Sub | 2.02 | 1.37' |
| 2.88" | Hydro Pull Filter Sub | 2.44' - | 1.37 |
| 2.88" | Hydro Pull Tool | 2.57' | |
| 2.88" | Hydro Pull Hammer sub | | |
| 2.88" | X Treme AD Motor | 12.60' | |
| 3.31" | X Över | .93' | |
| 4.75" | Glyphalloy Butterfly Mill | 1.421 | |
| | | | |

TOTAL LENGTH

25.72'

Function Test motor @ surface 3bpm @ 3600psi Good.

SICP: 980

NU lubricator to WH and Test all to 250/8000 psi. Good Test. Equalize WH.

NOTE: HSM & PJSA w/ night crew.

TIH w/ CT/DO BHA #2 pumping .5 bpm in/.5 bpm out CTP:1280, WHP: 900. to KOP. Increase rate to 3,2 bpm in/3.2 bpm out. CTP:4200, WHP: 850. PU wt 15K, SO wt 9000. Cont' TIH to tag plug @ 7898'.

WHP: 850, CTP: 4300

Tag Plug @ 7889 3.3 bpm in/ 3.3 bpm out. Motor stall w/ 1000# down and PU.

TiH tagged plug @ 7882'. Motor stall w/ 1000# PU.

TIH to 7890' tag plug w/ 1000# down. Motor stall PU

TIH to 7883' and drill thru plug w/ 1000# down.

DO plug in 2 hrs 15 minutes

NOTE: Send 3 10 bbl sweeps during plug mill out.

NOTE: All sweeps on time. No sand in returns. Plug catcher clean. Fine metal and rubber on screen @ OTT.

Cont' TIH to 10,300' @ 40 fpm sending 5 bbl dyed gel sweep every 75 bbls. Send 10 bbls gel sweep, 10 bbls spacer and 10 bbls gel sweep at RT

Report Start Date: 5/8/2015

Cont' to circ' gel sweeps w/ spacer 10/10/10 around end of coil.

POOH pumping 3 bpm in/ 3 bpm out @ 40 fpm. Send 10 bbls gel sweep before curve. Cont' to POOH @ 40 fpm to KO. Stopped coil and wait for sweep @ surface. Medium sand after sweep. TBIH to 10,101' send 20 bbl 115 visc dyed gel sweep and POOH @ 30 fpm. Send another 10 bbls dyed gel sweep @ 8500'. Cont' POOH to KO. wait for gel sweep to surface. @ 6700' pipe began to pull a little sticky. TBIH to 7000' send 10 bbls gel sweep finish POOH.

ND lubricator and LD BHA.

NU back on well and blow coil dry with N2. ND BOP's and lubricator. RDMO CT unit, pump truck and associated equipment.

Held safety meeting with Hallibuton, PWR, OTG, Fesco, WW, Petro, TNT and Baker.

Page 6/16

Report Printed: 6/24/2015



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MIRU 3 Halliburton pumps, pump down pumps, Wireline unit & PWR lubricator. NU Goat head, Crown Valve, WL Flange on flow cross. Set WL BOPE on WH.

Test lines and WH to 250/9000 psi. Good Test.

NOTE: Set N2 pop-off 8000 psi

SICP: 1050

Flush csg W/ 3100 gal sweep. Flush to BTM perf 240 bbps @ 80 bpm.

PU PWR lubricator and CCL. MU on WH and test to 250/8000 psi. good test. Bleed off to OTT. Break off WH.

SICP: 950

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#7 perfs. PU lubricator and MU on WH. Equalize to WH.

Perf Stage #7

Plug Setting Depth: 10,101'

Perf Depths: 10,068'\10001, 9,934', 9,867'

60° Phasing

Notes: Max rate 11 BPM @ 1615 psi. Pumped 168 bbls.

NOTE: Initial pump rate 11 bpm. Last 150' had to drop rate to 6 bpm due to line tension.

NOTE: Took extra 45 minutes to get in hole due to line wrap on WL reel

Report Start Date: 5/9/2015

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"Frac Stage #7

Breakdown Pressure: 3,611 psi Average Pump Rate: 90.8 bpm Max Pump Rate: 91.7 bpm Average Pump Pressure: 4,073 psi Max Pump Pressure: 6,544 psi

ISIP: 1,828 psi

Clean Volume Pumped: 5,795 gals Total Proppant Pumped: 287,840 lbs

Notes: TLR 5795"

SICP: 1050

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#8 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #8

Plug Setting Depth: 9,833'

Perf Depths: 9,800', 9,733', 9,666', 9,599'

60° Phasing

Notes: Max rate 11 BPM @ 1615 psi. Pumped 145 bbls. NOTE: Initial pump rate 11 bpm w/ line tension 750#. Last 1500' drop rate to 10 bpm w/ line tension @ 1200"

Fesco grease frac stack

"Frac Stage #8

Breakdown Pressure: 3,050 psi Average Pump Rate: 91.1 bpm Max Pump Rate: 91.9 bpm Average Pump Pressure: 3,741 psi Max Pump Pressure: 6,360 psi

ISIP: 1,876 psi

Clean Volume Pumped: 5,345 gals Total Proppant Pumped: 282,400 lbs

Notes: TLR 5345"

SICP: 1150

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#9 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #9

Plug Setting Depth: 9,544

Perf Depths: 9,520', 9,456', 9,393', 9,329'

60° Phasing

Notes: Pump rate 11bpm w/line tension @ 775#"



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Frac Stage #9

Breakdown Pressure: 3,209 psi Average Pump Rate: 86.8 bpm Max Pump Rate: 91.7 bpm Average Pump Pressure: 3,858 psi Max Pump Pressure: 5,412 psi ISIP: 1,958 psi Clean Volume Pumped: 201,155 gals

Total Proppant Pumped: 265,020 lbs"

SICP: 1257

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#10 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #10

Plug Setting Depth: 9,276'

Perf Depths: 9,252', 9,188', 9,125', 9,061'

60° Phasing

Notes: Initial Pump rate @ 11bbl/min w/tension @ 760#. Plug took off @ 7900' w/max tension 1423#. Reduced pump rate to 10bbl/min w/tension @ 1100#."

Greased the well head

"Frac Stage #10

Breakdown Pressure: 2,984 psi Average Pump Rate: 89.8 bpm Max Pump Rate: 90.7 bpm Average Pump Pressure: 3,630 psi Max Pump Pressure: 6,305 psi ISIP: 1,757 psi Clean Volume Pumped: 206,272 gals

Total Proppant Pumped: 266,771 lbs"

High Winds. Lay down lubricator and crane

Scope out Crane SICP: 975

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#11 perfs. PU lubricator and MU on WH. Equalize to WH.

Perf Stage #11

Plug Setting Depth: 9,029'

Perf Depths: 8,996', 8,929', 8,862', 8,795'

60° Phasing

Notes: Max rate 11 BPM @ 1185 psi. Pumped 135 bbls. NOTE: After shooting depth 8862' WL Pull heavy to 1750. SD pumps w/ no change in WH pressure. Bought up pumps to 4 bpm and WL began to move. Cont' w/ perf ops'

"Frac Stage #11

Breakdown Pressure: 2,607 psi Average Pump Rate: 91.2 bpm Max Pump Rate: 90.6 bpm Average Pump Pressure: 3,680 psi Max Pump Pressure: 6,109 psi ISIP: 1,818 psi

Clean Volume Pumped: 215,418 gals Total Proppant Pumped: 283,470 lbs

Notes: TLR 5129'

SICP: 1500

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#12 perfs. PU lubricator and MU on WH, Equalize to WH,

"Perf Stage #12

Plug Setting Depth: 8,761'

Perf Depths: 8,728', 8,661', 8,594', 8,527'

60° Phasing

Notes: Max rate 9 BPM @ 1600 psi. Pumped 75 bbls. : "

Fesco grease frac valves



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| SKEEN 23-26-26 FED 006H | Skeen 22-26-26 Fed | Delaware River | Mid-Continent | |
| Ground Elevation (ft) Original RKB (ft) | Current RKB Elevation | | Mud Line Elevation (ft) | Water Depth (ft) |
| 3.431.00 3.453.00 | 3.453.00. 3/4/2015 | | | |

, Com

"Frac Stage #12

Breakdown Pressure: 2,615 psi Average Pump Rate: 90.5 bpm Max Pump Rate: 91.5 bpm Average Pump Pressure: 3,459 psi Max Pump Pressure: 5,834 psi

ISIP: 1,870 psi

Clean Volume Pumped: 214,956 gals Total Proppant Pumped: 287,280 lbs

Notes: TLR 5118"

Report Start Date: 5/10/2015

teport Start Date: 6/76/2010

SICD: 1425

「「我」」など、大きな機能を行っている。これでは、これには機能を行っている。 Compatible Advisor では、これでは、大きな機能を発展しています。これでは、最高にはいません。

|SICP: 1425

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#13 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #13

Plug Setting Depth: 8,493'

Perf Depths: 8,460', 8,393', 8,326', 8,259'

60° Phasing

Notes: Max rate11 BPM @ 1780 psi. Pumped 97 bbls. : "

"Frac Stage #13

Breakdown Pressure: 2,597 psi Average Pump Rate: 90.4 bpm Max Pump Rate: 91 bpm Average Pump Pressure: 3,508 psi

Max Pump Pressure: 6,544 psi ISIP: 1,884 psi Clean Volume Pumped: 214,914 gals

Clean Volume Pumped: 214,914 gals Total Proppant Pumped: 287,274 lbs

Notes: TLR 5117"

SICP: 1420

Observe Radio Silence. MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#14 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #14

Plug Setting Depth: 8,225'

Perf Depths: 8,192', 8,125', 8,058', 7,991'

60° Phasing

Notes: Max rate11 BPM @ 1650 psi. Pumped 90 bbls. : "

Fesco grease frac stack

"Frac Stage #14

Breakdown Pressure: 3,112 psi Average Pump Rate: 91.2 bpm Max Pump Rate: 90.3 bpm Average Pump Pressure: 3,824 psi Max Pump Pressure: 7,043 psi ISIP: 1,972 psi Clean Volume Pumped: 204,960 gals

Total Proppant Pumped: 280,000 lbs"

SICP: 1218

Observe Radio Silence, MU 3 1/8"guns and 4.625" Peak Set a Seat plug for stage#15 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #15

Plug Setting Depth: 7,957

Perf Depths: 7,924', 7,835', 7,760', 7,700'

60° Phasing

Notes: Initial pump rate 11bbl/min @ 812# tension"



Completion Complete Job Start Date: 4/23/2015 Job End Date:

ield Name Business Unit SKEEN 23-26-26 FED 006H Skeen 22-26-26 Fed Delaware River Mid-Continent Water Depth (ft) Ground Elevation (ft) Original RKB (ft) Current RKB Elevati Mud Line Elevation (ft) 3,431.00 3.453.00 3,453.00, 3/4/2015

"Frac Stage #15

Breakdown Pressure: 3,410 psi Average Pump Rate: 87.6 bpm Max Pump Rate: 97.7 bpm Average Pump Pressure: 3,399 psi Max Pump Pressure: 7,132 psi

ISIP: 1,638 psi

Clean Volume Pumped: 238,854 gals Total Proppant Pumped: 284,780 lbs

Notes: Half way through job lost dry gel rate dropped to 45, we stopped sand. Lost suction to blender on flush, rate dropped to 0, we brought rate back on and finished @ 55bb/min."

Meeting with frac crew before R/D. Reviewed pinch points, overhead loads, propper hammer technique, trip hazards, and hydration.

Rig down frac equipment and wireline, move wireline off location, and move all pump trucks off location.

SICP: 1250

Monitor well pressure during 48 hr shut in

Report Start Date: 5/11/2015

SICP: 1300

Monitor well pressure during 48 hr shut in

HSM & PJSA w/ OTG. Discuss Scope of Job, SWA. TIF, ERP, PPE, 360 my-space, spotters while backing, wild life dangers, communication, slick surfaces

OTG clean and PU containment

SICP: 1300

Monitor well pressure during 48 hr shut in

Report Start Date: 5/12/2015

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Monitor well, No activity at well site.

Clean containment.

SICP: 1000 psi

Open well @ 09:00 hrs on 12/64 choke and begin FB operations

Starting FWHP: 950 psi, Ending FWHP: 700 psi

24 hr fluid recovery: 378 bbls 24 hr water recovery: 378 bbls 24 hr oil recovery: "0" bbls

H2S-0

Fluid rate: 54 bbl/hr on 16/64" Total water recovered: 378 bbls

Remaining frac load to recover: 84,917 bbl

Total oil recovered: "0" bbl

NOTE: Beginning TLR: 85,295 bbls

On 12/64 choke flow rate was only .3 BPM change to 14/64 after

Changed choke to 16/64 at 16:00 hrs No sand or debrie recovered Finished cleaning containment.

Held PJSA with night crew.

NOTE Time log for samples 1. 16:14 hrs 277 bbls 2. 19:14 hrs 424 bbls 3. 21:00 hrs 531 bbls 4. 23:00 hrs 638 bbls

Report Start Date: 5/13/2015



Completion Complete

Job Start Date: 4/23/2015 Job End Date:

usiness Unit SKEEN 23-26-26 FED 006H Skeen 22-26-26 Fed Mid-Continent Delaware River Current RKB Elevation Mud Line Elevation (ft Water Depth (ft) Ground Elevation (ft) Original RKB (ft) 3,453.00 3,453.00, 3/4/2015 3,431.00

"Flowing well @ 6:00hrs on a 24/64 "" choke

FWHP: 350 psi

24 hr fluid recovery: 1412 bbls 24 hr water recovery: 1412 bbls 24 hr oil recovery: 0 bbls

H2S no

Fluid rate: 1 bbl/min

Total water recovered: 1742 bbls

Remaining frac load to recover: 83570 bbls

Total oil recovered: 0 bbls

1:00 - 750 bbls 3:00 - 858 bbls 5:00 - 972 bbls 7:14 - 1099 bbls 9:14 - 1205 bbls 13:14 - 1445 bbls

17:14 - 1674 bbls

Report Start Date: 5/14/2015

L. "Elevater 是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

"Flowing well @ 18:00hrs on a 30/64 "" choke

FWHP: 100 psi

24 hr fluid recovery: 1183 bbls 24 hr water recovery: 1183 bbls 24 hr oil recovery: 0 bbls H2S no

Fluid rate: 0.8 bbl/min

Total water recovered: 3013.2 bbls

Remaining frac load to recover: 82281.8 bbls

Total oil recovered: 0 bbls

Well Shut in

Report Start Date: 5/15/2015

Com Com

Well shut in. Monitor pressure

HSM & PJSA w/ Cudd, Baker, BK, OTG, TNT, NOV, WW, Coil Chem. Discuss Scope of Job: MIRU CTU-CO. SWA, TIF, PPE, ERP, Tenet #5: We always meet or exceed customers requirements, over-head loads, spotters while backing, pinch points, no spill policy, line of fire, good house keeping, communication.

MIRU OTG containment, TNT Crane, Coil Chem chemical system, BK resources transfer pumps, WW Wireline. Spot Cudd Fluid pump, N2 pump ND night cap and NU CT flange on top of Crown Valve.

NOTE: NOV pre-fill tanks w/ f/w

NOTE: While rigging up containment checked out injector head and found seized up rollers on chains,

WO CTU to arrive. First coil unit rollers seized up on injector head. Change out spool from CTU#1 to CTU#2.

Spotted in Cudd 2" CTU, Power pack, Fluid and N2 pump trucks. RU. NU BOPE on WH. Change out stripper rubber. PU injector head and MU 40' of 5 1/8" riser. Load coil reel w/ 47 bbls.

MU Baker CT/CO BHA as follows:

OD Description Length 2.88" CT Connector 1.50" 1.23' 2 88" Dual BPV 3 17 1.00' CT Spinning wash nozzle 2.88" NA 2.08

Total Length: 5.25'

NOTE: MU 2 7/8" Connector on 2" CT and pull test 25K and 30K. Good Test.

NOTE: Function test spinning wash nozzle. Good Test.

MU lubricator on WH. Test Coil, pump lines. WH, Lubricator and FB equipment to 250/8000 psi

TIH withBHA pumping .75 bpm and .75bpm in returns with 300psi on well. Increased pump rate to 3.5 @ 6,700' and return rate to 3.9 BPM.



Completion
Complete
Job Start Date: 4/23/2015
Job End Date:

Wash down to 6,940' (Did not see any indication of washing of sand). 10 bbls sweep

Well pressure 325psi / Circulating pressure 5,000psi / Pump rate 3.5 BPM / Return rate 4 BPM / PU 200' / Saw no sand in sweep

Wash down to 7,500' (Did not see any indication of washing of sand). Pump 5 bbls sweep

Well pressure 350psi / Circulating pressure 5,050psi / Pump rate 3.5 BPM / Return rate 4 BPM / PU 200' / Saw no sand in sweep

Wash down to 7,980' Plug at 7,957' (Did not see any indication of washing of sand). Pump 5 bbls sweep

Well pressure 350psi / Circulating pressure 5,050psi / Pump rate 3.5 BPM / Return rate 4 BPM / PU 200' / Saw no sand in sweep

Wash down to 8,250' Plug at 8,225' (Did not see any indication of washing of sand). Pump 5 bbls sweep

Well pressure 300psi / Circulating pressure 5,100psi / Pump rate 3.5 BPM / Return rate 3.8 BPM / PU 300' / Saw trace amounts of sand in returns with sweep

Wash down to 8,350' (Did not see any indication of washing sand) . Pump 5 bbls sweep

Well pressure 250psi / Circulating pressure 5,100psi / Pump rate 3.5 BPM / Return rate 3.8 BPM / PU 200' / Saw medium amounts of sand in returns with sweep

Wash down to 8,515'. Plug at 8,493' washing sand. Pump 10 bbls sweep

Well pressure 200psi / Circulating pressure 4,950psi / Pump rate 3.5 BPM / Return rate 3.9 BPM / PU make ST/ Saw heavy amounts of sand in returns with sweep.

Making short trip to KOP at report time.

Well pressure 300psi / circulating pressure 5,000psi / pump rate 3.5 bpm / return rate 4 bpm.

Report Start Date: 5/16/2015

Make ST up to 6,700'. Well press 300psi / Circ pressure 4,900psi / Pump rate 3.5 BPM / Return rate 4 BPM. Recovered all sweeps at surface with light to medium sand. Wait for returns to clean up. RBIH to 8,450'.

Well pressure 225psi / Pump rate 3.5 / Circ press 4,850psi / 4 bpm in returns.

Start washing sand at 8,450' wash down to 8,520' Pressure increased to 600psi. PU to 8,501' and unable to move up hole or down hole. Max pull 7K.

Pump 10 bbls sweep and recovered sweep on time with heavy amounts of sand.

Pump 5 bbl sweep and recovered sweep on time with trace amounts of sand.

Pump 10 bbls sweep, recovered sweep on time and returns were clean.

Pump 120 visc sweep with 7K down, recoverd sweep on time and returns were clean. (well pressure at 625psi / Pump rate 3.5 BPM / Return rate 4 BPM / Circ press 5200psi)

CTP: 5400, WHP: 650

Pump 3.5 bpm in w/ returns @ 4 bpm. Pipe pulling heavy @ 8,501' CTM. Pipe wt 17K, SO wt 10K, work pipe wt 1/20K t/5K. Send 10 bbls gel sweep each time. After multiple attempts pipe came free w/ 5K wt on it. Cont' RIH to 8525'. POOH sending 10/10/10 gel sweep.

CTP: 5400, WHP: 650

Pump 3.5 bpm in w/ returns @ 4 bpm.

Begin POOH from 8501' @ 30 fpm to 800' sending gel sweep. Cont' to KOP and wait for gel sweeps to surface. All sweeps on time. Recovered a few metal pieces1/2' long by 1/4" thick. Cont' to POOH to surface.

HSM & PJSA for LD BHA and RD Injector head.

Bump up and bleed-off lubricator to OTT. LD CT/CO BHA, Lubricator, Injector head and Crane. MU night cap on BOPE w/ crown valve SI.

Begin Flow clean-up of well.

SICP: 700

12:30 hrs Open well @ 1.5 bpm (26/64ths choke)

Ending FWHP: 450 Recovered 401.62 bbls

24 hr water 401.62 24 hr oil "0"

24 hr oil "0"
Total water recovered 3491.8 bbls

Total oil recovered "0"

18:30 hrs - 20:30 hrs changed choke to 28/64ths FWHP: 450

Ending FWHP:450

Recovered 201 bbls

24 hr water 602 bbls

24 hr oil "0" bbls

Total water recovered 3692 bbls

Total oil recovered "0" bbls

Fluid rate 1.68 bpm

Page 12/16

Report Printed: 6/24/2015



Completion Complete Job Start Date: 4/23/2015 Job End Date:

Business Unit Mid-Continent SKEEN 23-26-26 FED 006H Skeen 22-26-26 Fed Delaware River Water Depth (ft) Current RKB Elevation Mud Line Elevation (ft) Ground Elevation (ft) Original RKB (ft) 3,453.00 3,453.00, 3/4/2015 3,431.00

Cont' to flow test well

Report Start Date: 5/17/2015

FW/HP 425

Well Flowing @ 1.5 bpm (32/64ths choke)

Ending FWHP: 425 Recovered 1599.32 bbls 24 hr water 1599.32 24 hr oil "0" Trace

Total water recovered 4689.5 bbls

Total oil recovered "0" Trace

Fluid Rate 1.7 bpm

FWHP: 425

Well Flowing @ 1.62 bpm (34/64ths choke) Ending FWHP: 400

Ending FWHP: 400 Recovered 2738.42 bbls 24 hr water 2738.42 "0" Trace 24 hr oil Total water recovered 5828.6 bbls

Total oil recovered "0" Trace

Fluid Rate 1.7 bpm

Total Load to Recover 79,066.4 bbls

NOTE: Sent CTU crews and support equipment crews in. Put on will call. Depending outcome of FB ops.

Report Start Date: 5/18/2015

Well Flowing @ .99 bpm (28/64ths choke)

Beginning FWHP: 350 Ending FWHP: 350 Recovered 3486.9 bbls 24 hr water 1429.68 24 hr oil "0" Trace Total water recovered 6625.1 bbls

Total oil recovered "0" Trace

Fluid Rate .99 bpm

Total Load to Recover 78,269.9 bbls

NOTE: 04:00 hrs Changed choke F/30/64ths T/28/64ths

Well Flowing @ .95 bpm (28/64ths choke)

Beginning FWHP: 350 Ending FWHP: 350 Recovered 3998.6 bbls 24 hr water 1,370.88 "0" Trace 24 hr oil

Total water recovered 7136.9 bbls

Total oil recovered "0" Trace

Fluid Rate .95 bpm

Total Load to Recover 77758.2 bbls

NOTE: 15:00 hrs SWI due to well performance and decision from Chevron office

NOTE: No sand during flow back operations

No activity at well site.

ND Cudd CT BOP's & NU night cap

RDMO Cudd pump truck and CT unit. Blow coil dry with N2.

No activity at well site.

Report Start Date: 5/19/2015

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WSI. WO WLU to set packer

HSM & PJSA w/ CHS, WW, OTG, TNT, NOV HES, Fesco, Basic, Discuss Scope of Job Flush csg and set packer. Tenet #9 We always...follow written procedures for high-risk or unusual situations, SWA, TIF, PPE, ERP, pinch points, proper backing, over-head loads, moving parts, buffer zones, communication.

WO orders to run packer. Decision made not to run packer but to produce well up csg by Houston office.



Completion Complete Job Start Date: 4/23/2015 Job End Date:

ield Name Business Uni Skeen 22-26-26 Fed SKEEN 23-26-26 FED 006H Delaware River Mid-Continent Ground Elevation (ft) Original RKB (ft) Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) 3,431.00 3,453.00 3,453.00, 3/4/2015

京·秦代·李·李·李·林 建秦 海、宋·秦公 Com RD TNT Crane, OTG clean mats, Basic PU FB tanks and acid tanks to deliver to White City. NOV empty f/w tanks to water pond. Stone empty sand from OTT

NOTE: 12:00 hrs Released CHS ELU, TNT Crane, HES

NOTE: Stone load out 15 yds sand from OTT

No Activity.

Report Start Date: 5/20/2015

Com." No Activity

HSM & PJSA w/ TNT, BK, GE, Basic, Fesco. Discuss Scope of Job: RD FB equip, ND frac stack. SWA, TIF, ERP, PPE, biological hazards, slick surfaces, no spill policy, man-lift safety, line of fire, proper lifting, over-head loads, pressure, communication.

With LMV closed, open Hydraulic master valve and bleed all pressure to OTT. Cycle Crown Valve.

RD Fesco FB equipment. OTG clean containment and PU. Stone spill control,

SICP: 625

ND Crown Valve and flow-cross.

GE lubricate in 7 1/16 X 2 7/8" thrd flow-bushing and BPV. Run in lock pins to spec. Release pressure and pull lubricator.

WO producttion tree from GE.

MU 2 9/16" 5M production tree on Fesco 7 1/16" 10M LMV.

Production tree assy Top to BTM.

2 9/16" 5M Crown Valve

2 9/16" 5M Flow Tee w/ 2 9/16" wing valve and adj choke

2 9/16" 5M Upper master valve

2 9/16" 5M Lower master valve

7 1/16" 10M X 2 9/16" 5M adapter flange.

NOTE: GE carried tog hanger back to shop to shelve until tog install

Test production tree against LMV to 250/4500 psi for 15/15 minutes and chart. Retrieve BPV. and install production tree cap

NOTE: 7 1/16" x 2 7/8" thrd flow-thru bushing in place.

Report Start Date: 5/21/2015

No Activity

Report Start Date: 5/22/2015

No Activity. Carry costs only

Report Start Date: 5/23/2015

No Activity

HSM & PJSA w/ CHS, OTG, WW, GE, Fesco. Discuss Scope of Job: MIRU WLU, HPPT. Flush csg and set packer. SWA, TIF, ERP, PPE, Tenet #3 We always...ensure safety devices are in place and functioning, pinch points, line of fire, over-head loads, moving parts, communication

MIRU CHS WLU, 30 Ton Crane, HPPT, Fesco ground manifold and iron. OTG restrain all lines. Set Chemical Services OTT and tie into Fesco manifold. GE set BPV. ND prod tree and NU Fesco UMV.

NOTE: Take delivery of Genco Man-lift, Fork-lift

NOTE: GE lubricate BPV into flow-bushing

WW test UMV to 250/4500 psi for 5 min. Good Test. GE lubricate out BPV and flow-bushing. NU WL flange onto WH.

SICP: 750

CHS test lines to 250/4500 psi. Good Test. Pump 180 bbls down csg and flush to top perf @ 7 bpm @ 900 psi.

MU 4.625" GR/JB/CCL. MU Lubricator on WH and test to 250/4500 psi. Equalize to WH. RIH to correlate w/ Marker Joint @ 6671' to 6767'. POOH.

M/U Baker 20 setting tool and Halliburton Versa Set Wireline Set Production Packer Assembly as follows

ID OD Length Description 2.313" 3.117" On/off Tool 1.85 2.360" Versa Set Packer 4 60" 6.50 2.441" 2.875" 2 7/8" L80 EUE Sub 6.28 2.205" 3.28" XN Nipple (nickle plated) 1.73 2 7/8" L80 EUE Sub 2.441" 2.875" 4.28 2.205" 3.680" 0.75' Entry Guide

Total Length with tailpipe: 21.39'

NOTE: pump out plug pinned at 2190 psi. 2 pins at 770 psi each, WHP: 650



Completion Complete Job Start Date: 4/23/2015 Job End Date:

| Well Name | | Lease Field Name | | Business Unit | | |
|-------------------------|-------------------|-----------------------|----------------|-------------------------|------------------|--|
| SKEEN 23-26-26 FED 006H | | Skeen 22-26-26 Fed | Delaware River | Mid-Continent | | |
| Ground Elevation (ft) | Original RKB (ft) | Current RKB Elevation | • | Mud Line Elevation (ft) | Water Depth (ft) | |
| 3,431.00 | 3,453.00 | 3,453.00, 3/4/2015 | • | | | |

WHP: 650

TIH w/ Halliburton Versa Set WL pkr to correlate w/ SJ @ 6671'. Cont' TIH to set depth @ 6695'. POOH. Bleed well psi to "0" to begin negative test while POOH.

NOTE: WHP: 650, 2 pins @ 770 each. Will take 2190 psi to pump out plug

LD packer setting BHA. ND WL Flange and UMV. Lubricate in 2 1/2" BPV and flow-bushing 7 1/16" X 2 7/8" thrd. RDMO CHS WLU and associated equipment.

Com ⊱

Perform negative test on well. Vent to OTT w/ "0" psi .

Report Start Date: 5/24/2015

Perform negative test on packer. "0" psi and static.

HSM & PJSA w/ Fesco, WW Wireling. Discuss RD FB equipment and ND frac stack

RD FB equipment. ND LMV and install capping flange.

NOTE: Release all equipment except camp equipment to be moved to Gramma Ridge 6H

No Activity.

Report Start Date: 5/25/2015

No ops @ well

Report Start Date: 5/26/2015

No ops @ well

Crew Travel

Safety Meeting and Rig move route review

Road rig & Aux equipment from Salado Draw lease to Skeen 6H

Set tanks and reverse unit and RU

Spot Key 307 & RU pulling unit. Set pipe racks

Night cap pressure - 0 psi

Casing pressure - 0 psi

ND 10K Night cap

NU 7 1/16" 10K X 7 1/16 5K Spool, 5K Double ram hydraulic BOP w/ blinds on bottom and 2 7/8" Pipe rams on top.

Tally pipe.

SI & Secure well, SDFN

No ops @ well

Report Start Date: 5/27/2015

No ops @ well

Wait on crew to arrive after Key Safety Meeting

Crew Travel

Safety Meeting

CP - 0 psi

Pull BPV & set 2 way check

Install 2 7/8 tubing sub in flow bushing & Test BOP

280 psi low(Good)

1050 psi high(Good)

Bleed off pressure & remove tubing sub.

Pull 2 way check and flow bushing

Start TIH w/ on/off tool, gas lift mandrels and 2 7/8 L-80 production tubing.

Lunch

Cont TIH w/ production tubing.

Tag Pkr & 6660, Space out w/ 12 ft of subs.

All tubing ran was 2 7/8" L-80 and all GLV were a 16 port with the bottom GLV being an orfice type.

Gas Lift Valves spaced at 1670, 2423, 3047, 3639, 4230, 4822, 5445, 6034, 6626.

Circulate 155 bbls 2% KCI packer fluid conventional @ 2.25 BPM & 500 psi.

Page 15/16

Report Printed: 6/24/2015



Completion Complete Job Start Date: 4/23/2015 Job End Date:

| ₹ | | | | | | |
|-------------------------|-------------------|-----------------------|----------------|--------------------------|-------------------------|------------------|
| Well Name | | Lease | Field Name | | Business Unit | |
| SKEEN 23-26-26 FED 006H | | Skeen 22-26-26 Fed | Delaware River | ware River Mid-Continent | | |
| Ground Elevation (ft) | Original RKB (ft) | Current RKB Elevation | | | Mud Line Elevation (ft) | Water Depth (ft) |
| 3,431.00 | 3,453.00 | 3,453.00, 3/4/2015 | | r | | |

Land tubing w/ 12 pts compression on pkr, Run in lock down pins, install BPV.

RD Floor, SI & Secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 5/28/2015

Report Start Date: 0/20/20/10

No ops @ well

Crew Travel

Safety Meeting

ND BOP

NU 5 K GE Flow tree w/ 10K adapter flange.

Double master valves, flow cross, swab valve, wing valve and choke.

Test hanger void to 5000 psi for 15 mins (Good)

RU Floor

Pressure test flow tree shell, 2 way check, and wing valve to 1450 psi for 15 mins(Good)

NU Lubricator and lubricate out 2 way check. ND Lubricator

Pump out pump out plug @ 2300 psi.

SITP 500 psi

RDMO Key 307 & aux equipment to Salado Draw 19-26-33- Fed 4H

Review well handover checklist with Field Specialist Joe.

Report Start Date: 6/22/2015

COMPLETE RU OF WEATHERFORD EQUIPMENT / INSPECTED ALL LINES, STRAPS AND EQUIPMENT ON LOCATION.

JSA TGSM FOR CONDUCTING PRESSURE TEST, JOB PROCEDURE REVIEW AND PROJECTED OPERATIONS / SWA - SWP - TENET #2 - HAZARD WHEEL AND EMERGENCY RESPONSE NUMBERS DISCUSSED / EXCLUSION ZONE AND RESTRICTED AREAS IDENTIFIED AND COMMUNICATED TO ALL.

TEST SURFACE EQUIPMENT TO 3,000 PSI HELD / BLED OFF PRESSURE.

START PUMPING NITROGEN DOWN 5 1/2" 17# CSG WHILE MONITORING 2 7/8" L-80 PRODUCTION TBG TO FRAC TANK.

5 1/2" PACKER IS SET @ 6,668'

WELL HAD A VERY SLIGHT BLOW BUT STOPPED AFTER ABOUT 10 MINUTES /

INITIAL PUMPING PRESSURE WAS 200 PSI ON THE CSG SIDE WHICH WE GRADUALLY INCREASE BY 10 PSI EVERY TEN MINUTES.

#9 GLV @ 1,670' OPEN WITH 975 PSI AND 600 CFM

PRESSURE DROPPED SLIGHTLY BUT MAINTAINED AT 850 THROUGH THE JOB.

LOTS OF SAND WAS RECOVERED AT SURFACE WHICH INDICATES OUR PERFS MIGHT BE COVERED UP. NO OIL OR GAS SEEN NOTICED AT SURFACE (ONLY SAND AND WATER)

TOTAL BBL'S OF FLUID RECOVERED WERE 90

PU TOOLS AND EQUIPMENT / ISOLATE, SECURE AND SHUT IN WILL FOR THE NIGHT / DEBRIEF WITH ALL PRESENT ON LOCATION ON A JOB WELL DONE. ESTABLISHED EXCLUSION ZONES, SWA AND SWP ARE ALL CONTRIBUTORS FOR ALLOWING THIS IFO DAY TO TAKE PLACE.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.



Casing Summary

| Well Name | | | Lease | Business Unit . | | | |
|-------------------------|-----------------------|-------------------|-----------------------|-----------------|-------------------------|------------------|--|
| SKEEN 23-26-26 FED 006H | | D 006H | Skeen 22-26-26 Fed | Delaware River | Mid-Continent | | |
| | Ground Elevation (ft) | Original RKB (ft) | Current RKB Elevation | , | Mud Line Elevation (ft) | Water Depth (ft) | |
| | 3,431.00 | 3,453.00 | 3,453.00, 3/4/2015 | | | | |

| Conductor, Planned? N. 80ftKB | | | | | | | | | | | | |
|-------------------------------|--|----------------|---------------------|--------------|---------------------|-----------------------|--|---|---------------|---|--|--|
| Con | ductor, Planned?:N, 80f | Set Tension | | String N | ominal OD (in) | String Min Drift (in) | | ntralizers | az se (B. | Scratchers | The Art | |
| Jet D | - check (mo) (mo) | 80 | (viha) | Jung N | 5G (III) | 20. | 18.937 | I III GIIZEI 3 | | - Guardiers | | |
| Jts | Item Des | 000/200 | 40.00 | W. (L. 2) | | Top Thread. | Top Depth | Btm Depth | #2.54 | P Burst (psi) | P Collapse | |
| | Conductor Pipe | 20 | 19.124 | | | | (MD) (TIKB) | (MU) (TIKB) | 58.00 | 2,110.0 | 520.0 | |
| 1 | l face, Planned?-N, 382ftP | | | | 1 | | 1 | 1 | | | | |
| Sur | face, Planned?-N,:382ft/ epth (MD) (ftKB) | Set Tension | e (kine) | I String N | ominal OD (in) | String Min Drift (in) | I Ca | ntralizers | (4°4475) | Scratchers | | |
| | | 382 | 311 (NIPS) | Ouring 14 | onina OD (iii) | 13 3/8 | 5 | TILL GILZETS | | Gerateriers | Ì | |
| Jts | Item Des | ODTA | ID (in) 🗢 | Wt (lb/ft) | Grade | J. Top Thread | "Top Depth", (MD) (ftKB) | Btm Depth | Len (ft) | P Burst (psi) | P Collapse | |
| | Landing Joint | 13 3/8 | 12.715 | 48.00 | | ST&C | -342 | -342 | 0.00 | F Buist (psi) | 740.0 | |
| 0 | Landing Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -342 | , -342 | 0.00 | | 740.0 | |
| 1 | Wellhead | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -342 | -338 | 3.37 | | 740.0 | |
| 1 | Wellhead | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -338 | -335 | 3.37 | | 740.0 | |
| 1 | Casing Pup Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -335 | -330 | 5.20 | | 740.0 | |
| 1 | Casing Pup Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -330 | -325 | 5.20 | | 740.0 | |
| 7 | Casing Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -325 | -52 | 272.83 | | 740.0 | |
| 7 | Casing Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | -52 | 224 | 276.13 | | 740.0 | |
| 1 | Float Collar | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | 224 | 226 | 1.38 | | 740.0 | |
| 1 | Float Collar | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | 226 | 227 | 1.38 | | 740.0 | |
| 2 | Casing Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | 227 | 303 | 75.92 | | 740.0 | |
| 2 | Casing Joint | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | 303 | 379 | 75.92 | | 740.0 | |
| 1 | Float Shoe | 13 3/8 | 12.715 | 48.00 | H-40 | ST&C | 379 | 380 | 1.54 | | 740.0 | |
| | Float Shoe | 13 3/8 | 12.715 | 48.00 | | ST&C | 380 | 382 | 1.54 | | 740.0 | |
| "%) & | rmediate Casing 1: Plan | ned2 N 1 9 | 15#KB | 100 | CONTROL OF SECURITY | | A. 7. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | ENFATAS | Will at the | 57.40 (C) (E) | | |
| Set D | epth (MD) (ftKB) | Set Tensi | on (kips) | String N | ominal OD (in) | String Min Drift (in) | TCe | ntralizers | ide desert 4 | Scratchers | | |
| | | 915 | | | | 9 5/8 | 1: | | | | | |
| Jts | Item Des | OD (in) | JD (in) | s Wt (lb/ft) | Grade | Top Thread | Top Depth (MD) (ftKB) | Btm Depth | Len (ft) | P Burst (psi) | P Collapse | |
| | Landing Joint | 9 5/8 | 8.835 | | HCK55 | LTC | 22 | 22 | 0.00 | W.W. 5 - 1 - 1 (F. 5 7) | | |
| 1 | Pup Joint | 9 5/8 | 8.835 | 40.00 | HCK55 | LTC | 22 | 27 | 4.51 | | | |
| 40 | Casing Joint | 9 5/8 | 8.835 | 40.00 | HCK55 | LTC | 27 | 1,825 | 1,798.43 | | | |
| 1 | Casing Collar | 9 5/8 | 8.835 | 40.00 | HCK55 | LTC | 1,825 | 1,826 | 1.44 | | | |
| 2 | Casing Joint | 9 5/8 | 8.835 | 40.00 | HCK55 | LTC | 1,826 | 1,913 | 86.96 | | | |
| | Casing Shoe | 9 5/8 | 8.835 | | HCK55 | LTC | 1,913 | 1,915 | 1.63 | | | |
| Pro | duction Casing, Planned | 1?-N: 12.093 | ftKB | | | | 1743 | SWIDE. | | 374 S. 7 T. 7 | 100 | |
| Set D | epth (MD) (ftKB) | Set Tensi | on (kips) | String N | ominal OD (in) | String Min Drift (in) | Ce | ntralizers | 7**75504_3595 | Scratchers | The second of th | |
| 4.000 | | 093 | August and a Kontra | | 2 2 2 8 7 60 | 5 1/2 | 4.781 12 | | | Marian de academie | | |
| Jts | Item Des | OD (in) | ID (in) | | | Top Thread | MD) (ftKB) | Weight Strate (MD) (ftKB) Weight Strate (MD) (MD) Weight Strate (MD) (MD) Weight Strate (MD) W | Len (ft) | P Burst (psi) | P.Collapse (psi) | |
| | Landing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 22 | 22 | 0.00 | 10,640.0 | 8,580.0 | |
| | Hanger | 5 1/2 | 4.892 | i | HCP-110 | CDC | 22 | 22 | 0.31 | 10,640.0 | 8,580.0 | |
| | Pup | 5 1/2 | | | HCP-110 | | 22 | | | | 8,580.0 | |
| | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 27 | 6,670 | 6,642.49 | 10,640.0 | 8,580.0 | |
| 5 | Marker | E 410 | 4 900 | 47.00 | UCD 440 | CDC | 0.070 | 0.000 | | 40.040.5 | 0.500.5 | |
| | Casing Joint | 5 1/2 5 1/2 | 4.892 | | HCP-110 | CDC | 6,670 | L | 9.66 | 10,640.0 | 8,580.0 | |
| 1 1 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 6,680 | 11,893 | 5,213.76 | 10,640.0 | 8,580.0 | |
| | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 11,893 | 11,903 | 9.96 | 10,640.0 | 8,580.0 | |
| | RSI | 5 1/2 | 4.892 | | L | CDC | 11,903 | 11,909 | 5.50 | 10,640.0 | 8,580.0 | |
| | Pup | 5 1/2 | 4.892 | | HCP-110 | CDC | 11,909 | 1 | 10.00 | 10,640.0 | 8,580.0 | |
| | Casing Joint | 5 1/2 | 4.892 | | HCP-110 | CDC | 11,919 | | 37.97 | 10,640.0 | 8,580.0 | |
| | Pup | 5 1/2 | 4.892 | | HCP-110 | CDC | 11,957 | 1 | 9.58 | 10,640.0 | 8,580.0 | |
| 1 | Landing Collar | 5 1/2 | 4.892 | | HCP-110 | CDC | 11,966 | | 1.51 | 10,640.0 | 8,580.0 | |
| 1 | Casing Joint | 5 1/2 | 4.892 | | HCP-110 | CDC | 11,968 | L | 39.26 | 10,640.0 | 8,580.0 | |
| | Float Collar | 5 1/2 | 4.892 | | HCP-110 | CDC | 12,007 | 12,009 | 2.01 | 10,640.0 | 8,580.0 | |
| | Casing Joint | 5 1/2 | 4.892 | | | CDC | 12,009 | 1 | 81.44 | 10,640.0 | 8,580.0 | |
| | Float Shoe | 5 1/2 | 4.892 | | HCP-110 | CDC | 12,000 | 1. | 2.50 | , 5,5 15.0 | 0,000.0 | |
| | | | | l | <u> </u> | ' - | 1 | 1 -, | | | | |
| | | | | | | | | | | | | |
| | | | | | | Page 4/4 | | | | ١ | | |



Surface Casing Cement

| | Surface Casing Cement | | | | | | | | | | | |
|--|--|--|---|--|--|-----------------------------|---|---|-----------------------|---|--|--|
| Well N | | | ease | | | Field Name | | | Business Unit | | | |
| _ | EN 23-26-26 FED 006 d Elevation (ft) Original | | Skeen 22-26- | | | Delaware | River | | Mid-Col | | er Depth (ft) | |
| 3,00,1 | 3,431.00 | | 3,453.00, 3/4/ | | | | | | I Wad Ellie | _icvation (it) | Si Bopai (ii) | |
| _ | | | | | NAME OF TAXABLE ASSOCIATION OF TAXABLE | | | | | | and a second sec | |
| | inal Hole | | Pirectional Type | | | Kick Off Dept | - (AND) | | Typetical Ca | ction Direction (°). | 14.6 | |
| | ore Name inal Hole | t t | Horizontal | • | | Kick Oil Dept | in (IIKB) | 6,76 | | ction Direction (). | 0.05 | |
| | | | | Act Top (ftKB) | | | | | Act Btm (ftKB) | | | |
| | . | | 17 1/2 | | | | 22 | .0 | | | 395.0 | |
| | 12 | | | _ | • | | 395 | .0 | • | | 1,925.0 | |
| | | | 8 3/4 | | | | 1,925 | | | | 12,122.0 | |
| <typ< td=""><td>>, <make> on <dttms< td=""><td>start></td><td></td><td></td><td>Market .</td><td></td><td>CM State</td><td></td><td></td><td>a rajvera a stora</td><td></td></dttms<></make></td></typ<> | >, <make> on <dttms< td=""><td>start></td><td></td><td></td><td>Market .</td><td></td><td>CM State</td><td></td><td></td><td>a rajvera a stora</td><td></td></dttms<></make> | start> | | | Market . | | CM State | | | a rajvera a stora | | |
| Туре | | | | | | Install Date | | | | | | |
| * Nove C | a P Des | Mak | e.⊧ | Let L Mo | del | -34.02.02.04 | WP (psi) | i s | ervice | | SN SN | |
| 3163600327 | See an one of the Comment of the control of the con | 1 10 00 000 00 00 00 00 00 00 00 00 00 0 | , , , , , , , , , , , , , , , , , , , | COLOR TO AND | | C NEW CONTROL OF THE PARTY. | Co DO M. CO. P. Principle process (C. 1957) | | | Section (1991) () constituting that section (1991) | STATE OF THE STATE | |
| Con | ductor, Planned?-N, | 80ftKB | t Street | | | | | | 524 | E CALL | 12 | |
| | g Description | Wellbore | | Run Date | 2045 | Set Depth (M | ID) (ftKB) | Stick Up (ftKB) | | Set Tension (| | |
| Centra | ductor | Original Hole | | 2/8/2 | 2015 | Scratchers | - | 80 | | -22.0 | | |
| Cenn | alizers | | | | | Scratchers | | | • | | | |
| 100 | 100 | | OD (in) | i ID (in) | | ' Grade | Top Conn Sz | p.Thread: Le | en (ft) | Top Depth (MD) | Btm Depth (MD) | |
| Jts 2 | Item De Conductor Pipe | S | 20 | 19:124 | "Wt (lb/ft);" 94.00 | | (in) to | p i nread (| 58.00 | . 3.3.5 (πκΒ): · 22 | (ftKB) 80 | |
| 1 - | ace, Planned?-N, 38 | OftKB | | | | | | | | | | |
| | g Description | Wellbore | | Run Date | | Set Depth (M | | Stick Up (ftKB) | 1000000000 | Set Tension (| | |
| Surf | | Original Hole | | 3/24/ | 2015 | | : 3 | 82 | | 341.8 | | |
| Centra 5 | alizers | • | | ٠. | | Scratchers | | | | • | İ | |
| 19 300 | | | | | Wt (lb/ft) | | Top Conn Sz (in) To | | | Top Depth (MD) | ■ Btm Depth (MD) ■ | |
| Jts | Item De | Site of the state | OD (in) | ID (in) | | | | | | | | |
| 0 | | | 13 3/8 | 12.715 | 48.00 | | I | &C | . 0.00 | -342 | -342 | |
| 0 | | | 13 3/8 | 12.715 | 48.00 | | | &C | 0.00 | -342 | -342 | |
| \square | Wellhead | | 13 3/8 | 12.715 | ·48.00 | | | &C | 3.37 | -342 | -338 | |
| <u> </u> | Wellhead | | 13 3/8 | 12.715 | 48.00 | | | &C | 3.37 | -338 | -335 | |
| | Casing Pup Joint | _ | 13 3/8 | 12.715 | 48.00 | | | &C | 5.20 | -335 | -330 | |
| | Casing Pup Joint | | 13 3/8 | 12.715 | 48.00 | | | &C | 5.20 | -330 | -325 | |
| <u>_</u> | Casing Joint | | 13 3/8 | 12.715 | 48.00 | | | &C | 272.83 | -325 | -52 | |
| <u> </u> | Casing Joint | | 13 3/8 | 12.715 | 48.00 | | I i | &C | 276.13 | -52 | 224 | |
| <u> </u> | Float Collar | · · · · · · · · · · · · · · · · · · · | 13 3/8 | 12.715 | 48.00 | | L | &C | 1.38 | 224 | 226 | |
| 1 | | · | 13 3/8 | 12.715 | 48.00 | | l | &C | 1.38 | 226 | 227 | |
| 2 | | | 13 3/8 | 12.715 | 48.00 | | | &C | 75.92 | 227 | 303 | |
| 2 | | · | 13 3/8 | 12.715 | 48.00 | | 11 | &C . | 75.92 | 303 | 379 | |
| <u> </u> | Float Shoe | | 13 3/8 | 12.715 12.715 | 48.00 | | I I | &C | 1.54 | 379 | 380 382 | |
| | Float Shoe | | 13 3/8 | | 48.00 | | | &C | 1.54 | 380 | | |
| | rmediate Casing 1, P | Ianned (-N, 1,9) | | Run Date | | Set Depth (M | ID) (ffKB) | Stick Up (ftKB) | <u>a in inclusion</u> | Set Tension (| (IDS) | |
| | mediate Casing 1 | Original Hole | | | /2015 · | Cott Depart (iv | 1,9 | | | -22.0 | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | |
| | alizers | • | | | | Scratchers | | | | | | |
| 12 | 13.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4 | CONTRACTOR SANCTOR | 500000000000000000000000000000000000000 | 172524 | | 1988/8/1/1987/9/9 | Top Conn S7 | | randaran erail | Top Depth (MD) | Btm Depth (MD) | |
| ı Jts | | s | OD (in) \$ | ID (in) | Wt (lb/ft) | Grade | (in) To | p Thread | en (ft) | (ftKB) | (ftKB) | |
| 10 | 1 | | 9 5/8 | 8.835 | | HCK55 | LT | | 0.00 | 22 | 22 | |
| \perp 1 | Pup Joint | | 9 5/8 | 8.835 | | HCK55 | LT | | 4.51 | . 22 | 27 | |
| 40 | | | 9 5/8 | 8.835 | | HCK55 | LT | | 1,798.43 | 27 | 1,825 | |
| 1 | Casing Collar | | 9 5/8 | 8.835 | | HCK55 | LT | | 1.44 | . 1,825 | 1,826 | |
| 2 | 1 - | | 9 5/8 | 8.835 | | HCK55 | LT | | 86.96 | 1,826 | 1,913 | |
| 1 | Casing Shoe | and the second of the second o | 9 5/8 | 8.835 | | HCK55 | LT | NO DESCRIPTION OF THE PARTY OF | 1.63 | 1,913 | 1,915 | |
| | duction Casing, Plan | ned?-N, 12,093 Wellbore | ftKB | | e W | | | Total: Up (MICD) | | | | |
| | g Description Juction Casing | Original Hole | | Run Date 4/15 | /2015 | Set Depth (M | (ftKB) (12,0 | Stick Up (ftKB) | | Set Tension (-21.8 | kips) | |
| Centr | Centralizers Original Hole | | | | | Scratchers | | | | | | |
| 122 | The out around the one is being the | ALLEST CONTROL OF THE STREET CONTROL OF THE STREET | Andre Minesteinen, sprang : | 40/25/05/C71950 Accessors | Tribut Manager Comment Commen | d House States and | I Town on the second second | s registers as in the second | consister and man | steere was a second second second | Anne and a series and a | |
| Jts | Item De | s in the second | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) To | p Thread | en (ft) | I op Depth (MD) ** | Btm Depth (MD) (ftKB) | |
| 0 | Landing Joint | | 5 1/2 | 4.892 | | HCP-110 | CE | | 0.00 | 22 | 22 | |
| <u></u> | | | <u> </u> | | | | <u></u> | | | | | |
| 1 | | | | | | | | | | | | |
| 1 | | , | | | | | | | | | | |



| | Surface Casing Cement | | | | | | | | | | |
|---------|---|--|---------------|------------------------|---------------------------------------|--------------------|------------------|--------------------|------------------------|--------------------------|--|
| Well N | lame EN 23-26-26 FED 006H | Lease Skeen 22-20 | 6-26 Fed | | Field Name Delaware | River | - | Business Mid-Co | Unit Intinent | | |
| | d Elevation (ft) Original RKB (ft) | | vation | · | | | | | | er Depth (ft) | |
| lis s | litem:Des | OD (in) | ID!(in)) | Wt (lb/ft) | Grade | :Top Conn'S | Top Thread | Len (ft) | "Top Depth"(MD)*(| Btm Depth (MD) ** (ftKB) | |
| 1 | Hanger | 5 1/ | | | HCP-110 | A754 2 (7 or days | CDC | 0.31 | 22 | . 22 | |
| 1 | Pup | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 5.21 | 22 | 27 | |
| 165 | Casing Joint | 5 1/ | 2 4.89 | 17.00 | HCP-110 | | CDC | 6,642.49 | 27 | 6,670 | |
| 1 | Marker | 5 1/ | 2 4.89 | 17.00 | HCP-110 | | CDC | 9.66 | 6,670 | 6,680 | |
| 131 | Casing Joint | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 5,213.76 | .6,680 | 11,893 | |
| 1 | Pup | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 9.96 | 11,893 | 11,903 | |
| 1 | RSI | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 5.50 | 11,903 | 11,909 | |
| 1 | Pup | 5 1/ | 2 4.89 | 17.00 | HCP-110 | | CDC | 10.00 | 11,909 | 11,919 | |
| 1 | Casing Joint | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 37.97 | 11,919 | 11,957 | |
| 1 | Pup | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | GDC | 9.58 | 11,957 | 11,966 | |
| 1 | Landing Collar | 5 1/ | 2 4.89 | 17.00 | HCP-110 | | CDC | 1.51 | 11,966 | 11,968 | |
| 1 | Casing Joint | 5 1/ | 2 4.89 | 92 · 17.00 | HCP-110 | | CDC | 39:26 | 11,968 | 12,007 | |
| 1 | Float Collar | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 2.01 | 12,007 | 12,009 | |
| 2 | Casing Joint | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 81.44 | 12,009 | 12,091 | |
| 1 | Float Shoe | 5 1/ | 2 4.89 | 92 17.00 | HCP-110 | | CDC | 2.50 | 12,091 | 12,093 | |
| | ace Casing Cement, Casin | g, 3/24/2015 08:00 | | | | r. | | I | I | | |
| ĺ | enting Start Date 3/24/2015 | | Cementing Er | | 4/2015 | | Wells Orig | inal Hole | | <u></u> | |
| | ation Method urns to Surface | Cement Evaluat 50 bbls of C | | face. Full return | s throughou | ut entire jo | b | | <u> </u> | | |
| | nent 13 3/8" Surface casing a | s per Halliburton: | ٠, | | | | | | | | |
| | surface lines to 2,000 psi. | | | | - | | | | | | |
| | BBL spacer | | | | | | | | | | |
| 48 E | BBL (490 sxs) of 14.8 ppg Ta BBL of Displacement | | | | | ` | | | | | |
| | ip Plug with 500 psi ove diffe I back 1 bbl; Float held. | rential psi. | | | | | | | | İ | |
| 50 b | bls (207 sx) cement to surface | | | | | | | | | | |
| | 2.0-382.0ftKB | Bottom Depth (ftKB) | | Full Return? | Vol Cement | Ret (bbl) Top | Plua? | | Bottom Plug? | | |
| ' | 22.0 Pump Rate (bbl/min) | Final Pump Rate (bbl/min) | 382.0 | Y Avg Pump Rate (bb | | 50.0 | - | N | 1 | Y (psi) | |
| | Reciprocated? | Reciprocation Stroke Lengt | 2.7 h (ft) | Reciprocation Rate | | 3 | Rotated? | | Pipe RPM (rpm) | | |
| ' | N Tagged (MD) (ftKB) | Tag Method | | Depth Plug Drilled (| | | | N | Drill Out Date | | |
| L. | cer | | | | | | , | | J | | |
| Fluid ' | Туре | Fluid Description . | | Quantity (sacks) | er en merce et eller koll "Aller koll | Clas | | | Volume Pumped (bbl |) | |
| Spac | cer ated Top (ftKB) 0.0 | 20 bbls of FW with F Estimated Bottom Depth (fi | | Percent Excess Pur | mped (%) | Yield | d (ft³/sack) | . " | Fluid Mix Ratio (gal/s | 20.0 ack) | |
| Free \ | Water (%) | Density (lb/gal) | <u></u> | Zero Gel Time (mir |) | Thic | kening Time (hr) | 1 | 1st Compressive Stre | ength (psi) | |



| Skeen 22-26-26 Fed Delaware River Mid-Continent | | | | | | | , | | | Surface | Casing | Cement |
|--|--|-------------|-------------------|--|--|--|-----------------|---|--|----------------------|------------------------------|--|
| Secret Field Additives Secret Field Bender Secret Field Bend | Well Name SKEEN 23-26-26 FED 006H | | 1 | -26 Fed | | | | - | | | | |
| Tail 10 secure | Ground Elevation (ft) Original RKB (ft | | Current RKB Elev | ation | ! | Delaware INVer | | | | | Water Dept | h (ft) |
| Place Table Commence Comm | 3,431.00 | 3,453.00 | 3,453.00, 3/4 | 1/2015 | - | | | | | | | |
| 18.0 | Tail | | | 1. The state of th | | was the | | | | 24 C. 17 2 | | 地方地 化多 |
| 18.0 Overally (began) The control of the complete of the comp | Tail | 490 sad | cks @ 14.8 pp | | Quantity (sacks) | 490 | | | | Volume Pumpe | d (bbl) | 118.0 |
| Cement Fjuid Additives See State See See See See See See See See See S | Estimated Top (ftKB) | | Bottom Depth (ftk | | Percent Excess Pumpe | | |) | 1.36 | Fluid Mix Ratio | (gal/sack) | 6.53 |
| Cement Fulid Additives Tipe Tipe (Secretical County) Tipe (Secretic | Free Water (%) | | b/gal) | | Zero Gel Time (min) | 1,10.0 | | me (hr) | 1.00 | 1st Compressiv | e Strength (p | |
| Type 1 Part Osception Cavely (table) Type 1 Votant Purpos (Bib) 45.0 Cents (Votant Purpos) (Bib) 45 | Cement Fluid Additives | Contract (| | | Sale Sale of the Control | THE STATE OF THE S | | | | | | 3857737753 |
| Place Description Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water (b) Displacement Fresh Water (| Add | | TANK DESK | J. W. S. W. | Typ | e | | CONTRACTOR OF THE PARTY OF THE | 1 20 | | | |
| Place Description Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water Displacement Fresh Water (b) Displacement Fresh Water (| Displacement | SECTION OF | | Brand Const | 5 M 30 K 17 (1) | * **** | · ` ` | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | and same | | * [[[1] ()] * epik | # % & |
| Seathward of pricing Seathward Station Design (PRS) 303.0 Seath Foundation Seathward (Pr) Seath Foundation Seathward (Pr) Seathw | Fluid Type | | cription | Service and the service of the | | , e 19 July sale Paga (B.) | | <u>्रीकेट चित्र</u> एके, में इसकी हैं र | e who by | Volume Pumpe | đ (bbl) | |
| Tree Weier IF N Comment Fluid Additives Ad | Estimated Top (ftKB) | | | (B) | Percent Excess Pumpe | ed (%) | Yield (ft³/sack |) | | Fluid Mix Ratio | (gal/sack) | 48.0 |
| Coment Fluid Additives Assume the first of | | 1 | b/gal) | 303.0 | Zero Gel Time (min) | | Thickening Ti | me (hr) | | 1st Compressiv | e Strength (n | si) |
| 大会社の企業によって、AMPの登録というでは、本書館というでは、Transparent to Transparent であって、「Transparent to Transparent to | | | | | | | | | | · | | |
| | Cement Fluid Additives | | | ilakoodolisi. Talaalaa W | P 12 C TVD | e1 | | and the second | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | Conc | | State of the state |
| Page 272 | | 7 462 20-64 | | | The same of the sa | | N | 9 . P. RACE & F. KAK | Control Services | ances exposer of the | . was 1 1 - 2 No. 1 - 2 3 10 | Control and the Control |
| Page 372 | | | | | | | | | | | | |
| Page 27 | | | | | • | | | | | | | |
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| Page 22 | | | | | | | | | | | | |
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| | <u> </u> | | | · | Do | 3/3 | | | | Danni | Delmar -1: | 6/04/0045 |



Intermediate Casing Cement

| Well N | ame EN 23-26-26 FED 006I | | Lease Skeen 22-26- | 26 Fed | | Field Name Delaware | River | | Business Mid-Co | | |
|---|---|--|-------------------------------------|---|---------------------------------------|------------------------|----------------------------|--|--|-----------------------|-------------------|
| | d Elevation (ft) Original I | RKB (ft) | Current RKB Eleva 3,453.00, 3/4/ | ition | | | | | | | er Depth (ft) |
| Oridi | inal Hole | . sk. striedstew rhier | ar conficiency for | TALL THE THE SALE | 1 - 2 34 20 B | **** | 100 | 1. 200 | | | 可能想象企业人工 |
| Wellbo | re Name | | Directional Type | <u> </u> | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Kick Off Dept | h (ftKB) | - PAR START STAR | Vertical Se | ction Direction (°) | |
| | nal Hole Caracas Andre S | | Horizontal | . As a tradition of the law | ee? ``` ' ' ' ' «'Λ'c+ti⊤' | on (HVD) % 64 | 6 CW 1 a A B 2 3 - 7 6 1 a | Takinggi assayti | 6,767 | A At Dtm (ft/ D\) | 0.05 |
| * " WEST STA | - 3. 3. 3. 3. 3. 3. 3. 3. 3. 1. 1010 TO | IZE (III) DESIGNATION | 17 1/2 | TO THE RESERVE OF THE PARTY OF | CHARLES COLORS | SP (III.O) | and the second | 22.0 | 22. ISC 3649 85 25 (2505) 117 (6504) 180 | Corput (taxp) ***** | 395.0 |
| | | | 12 1/4 | | | | | 395.0 | | | 1,925.0 |
| <u> </u> | | | 8 3/4 | | | | 1, | 925.0 | | | 12,122.0 |
| <typ:< td=""><td>, <make> on <dttms< td=""><td>tart> 🎎 🕍 .</td><td></td><td></td><td></td><td>N. 72 22</td><td>MALE CO.</td><td>1-40/22</td><td>N. A. S. T. S. /td><td></td><td></td></dttms<></make></td></typ:<> | , <make> on <dttms< td=""><td>tart> 🎎 🕍 .</td><td></td><td></td><td></td><td>N. 72 22</td><td>MALE CO.</td><td>1-40/22</td><td>N. A. S. T. S. /td><td></td><td></td></dttms<></make> | tart> 🎎 🕍 . | | | | N. 72 22 | MALE CO. | 1-40/22 | N. A. S. T. S. | | |
| Туре | | | | | | Install Date | | | | | |
| 1977 AND 1 | Des * > A | · Takking & Mak | (e 25/7/2002)* | 大 大 大 大 大 大 大 大 大 大 大 大 大 大 大 大 大 大 大 | odel 5 ··· /2012 | 120.4 | WP (psi) | 2754 100 | Service Ak | | SNE |
| Cond | ductor, Planned?-N, 8 | 30ftKB | | Same and | | | WAS A | 5.435.23 | | CARLEST CO. | |
| Casing | Description | Wellbore | | Run Date | | Set Depth (M | | Stick | Up (ftKB) | Set Tension (| |
| Centra | ductor | Original Hole | <u>_</u> | 2/8/2 | 2015 | Scratchers | | 80 | | -22.0 | |
| Centra | 112613 | | | | | 1 | | | | | |
| , Jts | Item Des | | 1700 (a) | ID (in) | ∴ Wt (lb/ft) | Grade | Top Conn Sz | Ton Throad | Len (ft) | Top Depth (MD) | Btm Depth (MD) |
| | Conductor Pipe | The second secon | 20 | 19.124 | 94.00 | | V£25(11) A.S. | , gop micaq | 58.00 | 22 | 80 |
| Surf | ace, Planned?-N, 382 | ftKB | | y z z z | 5 4 4 m | Serie William | | | | | |
| Casing | Description | Wellbore | | Run Date | | Set Depth (M | | Stick | Up (ftKB) | Set Tension (| |
| Surfa | | Original Hole | | 3/24/ | /2015 | Scratchers | · · | 382 | | 341.8 | |
| 5 | | | | | • | | | | | | • |
| ¥∵. ∴ Jts | Item Des | | OD (in) | ID (in) | .Wt (lb/ft) | Grade | Top Conn Sz | Top Thread | . ய Len (ft) | * Top Depth (MD) | Btm Depth (MD) |
| | | S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | 13 3/8 | 12.715 | 48.00 | | 4 Case(111) | ST&C | 0.00 | -342 | -342 |
| 0 | Landing Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 0.00 | -342 | -342 |
| 1 | Wellhead | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 3.37 | -342 | -338 |
| 1 | Wellhead | | , 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 3.37 | -338 | -335 |
| 1 | Casing Pup Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 5.20 | -335 | -330 |
| 1 | Casing Pup Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 5.20 | -330 | -325 |
| 7 | Casing Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 272.83 | -325 | -52 |
| 7 | Casing Joint | | 13 3/8 | 12.715 | 48.00 | H- 4 0 | | ST&C | 276.13 | -52 | 224 |
| · 1 | Float Collar | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 1.38 | 224 | 226 |
| 1 | Float Collar | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 1.38 | 226 | . 227 |
| | Casing Joint | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 75.92 | 227 | 303 |
| | Casing Joint | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 75.92 | .303 | 379 |
| | Float Shoe | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 1.54 | 379 | 380 |
| | Float Shoe | | 13 3/8 | 12.715 | 48.00 | | <u> </u> | ST&C | 1.54 | 380 | 382 |
| Inter | mediate Casing 1, Pl | anned?-N;:1;9 | 15ftKB | Run Date | | Set Depth (N | ID) (eKB) | TStick | Up (ftKB) | Set Tension (| |
| | mediate Casing 1 | Original Hole | | | /2015 | Cot Dopar (ii | 15) (11(5) | 1,915 | | -22.0 | (ipa) . |
| Centra 12 | lizers | | | | | Scratchers | | | | | |
| 12 3 | | A 7 W 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1. 公營業的 | 3 3 3 3 3 3 3 | 1.73 | 13 # 15 E | Top Conn Sz | ************************************** | * D. 1888 F7 | Top Depth (MD), |), Btm Depth (MD) |
| Jts | Item Des | | OD (in) 7 9 5/8 | ID (in) | | Grade HCK55 | jak (in) | Top Thread | Len (ft) | (ftKB) | Btm Depth (MD) |
| | | | 9 5/8 | 8.835 | | HCK55 | | LTC | 0,00 4,51 | , 22 | 22 |
| | Casing Joint | | 9 5/8 | 8.835 | | HCK55 | - | LTC | 1,798.43 | 27 | 1,825 |
| | | | 9 5/8 | 8.835 | | HCK55 | - | LTC | 1,790.43 | 1,825 | 1,826 |
| | Casing Joint | | 9 5/8 | 8.835 | | HCK55 | | LTC | 86.96 | 1,826 | 1,913 |
| | Casing Shoe | | 9 5/8 | 8.835 | | HCK55 | | LTC | 1.63 | 1,913 | 1,915 |
| L | luction Casing, Plann | ied?-N*12 093 | J | | | | | | 1 | | |
| Casing | Description | Wellbore | | Run Date | @ 9° € | Set Depth (M | | | Up (ftKB) | Set Tension (| |
| | uction Casing | Original Hole | | 4/15/ | /2015 | 0 | 1 | 2,093 | | -21.8 | |
| Centra 122 | IIIZCI S | | | | | Scratchers | | | | | |
| Uts | Item Des | | / OD (in) | ID (in) | Wt (lb/ft) | \$2.00 to | Top Conn Sz | Top Thread | Len (ft) | *Top Depth (MD) | Btm Depth (MD) |
| _ | Landing Joint | (中心) [6] (1] (1] (1] (1] (1] (1] (1] (1] (1] (1 | 5 1/2 | 4.892 | | HCP-110 | ***(in)****** | Top Thread? | Len (ft) 0.00 | ; ** (ftKB) *** ;* 22 | * ½ (ftKB): 22 |
| Ĭ | | | | | | , | | | | 22 | |
| | | | • | | | | | | | | |
| [| | | | | | | | | | | |
| | - | | | | | 20 1/2 | | | | | |



Intermediate Casing Cement

| Well Name | Lease | Field Name | Business Unit |
|---|-----------------------|---------------------------------------|--|
| SKEEN 23-26-26 FED 006H | Skeen 22-26-26 Fed | Delaware River | Mid-Continent |
| Ground Elevation (ft) Original RKB (ft) | Current RKB Elevation | · · · · · · · · · · · · · · · · · · · | Mud Line Elevation (ft) Water Depth (ft) |
| 3,431.00 3,453.00 | 3,453.00, 3/4/2015 | <u>-</u> | · |

| Uts | Item Des | OD (in) | ID (in) | -Wt (lb/ft) | Grade | Top Conn Sz # # * Top Thr | ead Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---|--|-----------------------|--|----------|---------------------------|--------------|--------------------------|--------------------------|
| , 1 | Hanger | 5 1/2 | 4.892 | | HCP-110 | CDC | 0.31 | 22 | 22 |
| 1 | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 5.21 | 22 | 27 |
| 165 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 6,642.49 | 27 | 6,670 |
| 1 | Marker | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 9.66 | 6,670 | 6,680 |
| 131 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 5,213.76 | 6,680 | . 11,893 |
| 1 | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 9.96 | 11,893 | 11,903 |
| 1 | RSI | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 5.50 | 11,903 | 11,909 |
| 1 | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 10.00 | 11,909 | 11,919 |
| 1 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 37.97 | 11,919 | 11,957 |
| 1 | Pup | 5 1/2 | 4.892 | 17,00 | HCP-110 | CDC | 9.58 | 11,957 | 11,966 |
| 1 | Landing Collar | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 1.51 | 11,966 | 11,968 |
| 1 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 39.26 | 11,968 | 12,007 |
| 1 | Float Collar | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 2.01 | 12,007 | 12,009 |
| 2 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | 81.44 | 12,009 | 12,091 |
| 1 | Float Shoe | 5 1/2 | 4.892 | 17.00 | HCP-110 | CDC | , 2.50 | 12,091 | 12,093 |
| | -mediate Casing Cement, Casing, 3 nting Start Date | CONTRACTOR OF MARKET SEE ASSESSMENT SERVICES | 20 Cementing End D | AND RESERVED TO A THE TANK THE TOTAL THE | <u> </u> | <u> </u> | | 75 May 200 | aut 🐔 💮 |

3/29/2015 3/29/2015 Evaluation Method

58 bbls of cement to surface. Full returns throughout entire job.

Cement 9 5/8" Intermediate Casing as per Halliburton pump schedule:

Test surface lines to 2,000 psi. .

Returns to Surface

Pump Schedule: 20 BBL spacer w/dye 131.3 BBL (445 sxs) of 13.7 ppg Lead 74.4 BBL (315 sxs) of 14.8 ppg Tail 138.3 BBL of Displacement w/fresh water Bump Plug @ 830 psi Held 500 psi over for 5 minutes Bled back 1 bbl; Float held.

58 bbls (197 sx) cement to surface.

| Top Depth (ftKB) | | Bottom Depth (ftKB) | | Full Return? | Vol Cement Ret (bbl) | Top Plug? | | Bottom Plug? | |
|-----------------------------|------|----------------------------------|---------|-----------------------|----------------------|------------------------|---------|--------------------------|-------|
| | 22,0 | | 1,915.0 | ' Y | 58.0 | | N | N | |
| Initial Pump Rate (bbl/min) | | Final Pump Rate (bbl/min) | | Avg Pump Rate (bbl/r | nin) | Final Pump Pressure | e (psi) | Plug Bump Pressure (psi) | |
| · | 3 | | 3 | | 6 | | 730.0 | | 830.0 |
| Pipe Reciprocated? | | Reciprocation Stroke Length (ft) | | Reciprocation Rate (s | pm) | Pipe Rotated? | | Pipe RPM (rpm) | |
| Y | | | 20.00 | | . 70 | | N | • | • |
| Depth Tagged (MD) (ftKB) | | Tag Method | | Depth Plug Drilled Ou | t To (ftKB) | Drill Out Diameter (in | 1) | Drill Out Date | |
| | | | | | | | | | |

Original Hole



Intermediate Casing Cement

| Well Name SKEEN 23-26-26 FED 006H | Lea Ski | se een 22-26-26 Fed | | Field Name Delaware River | | | Business Mid-Co | | | |
|--|--|--------------------------------------|------------------------|--|--------------------|------------------|----------------------|--|----------------------|---------------|
| Ground Elevation (ft) Original RKB (ft) | Curr | ent RKB Elevation 53.00, 3/4/2015 | | | | | | | Vater Depth (ft) | |
| | | | | and the North Control of the Control | | Walter La Co | | Sold of the Park Control of the Cont | ** 0 30 3** *02 | 2.60 |
| Spacer Fluid Type | Fluid Description | | Quantity (sacks) | | Class | | Man de la | Volume Pumped (| | n |
| | Mud Flush Dye | III Spacer w/ Red | quarity (subito) | | Oldos - | | | · · | 554 | 20.0 |
| Estimated Top (ftKB) 22.0 | Estimated Botto | om Depth (ftKB) | Percent Excess Pump | ed (%) | Yield (ft³/sack) |) | | Fluid Mix Ratio (ga | al/sack) | |
| Free Water (%) | Density (lb/gal) | | Zero Gel Time (min) | | Thickening Tir | | | 1st Compressive S | - " ' | |
| Cement Fluid Additives | | | | | | | | | | color service |
| Section of the voted was a second Address of | Acces 200 420 | | Marches : Address of A | oe bet marting a testing | isonitasis 🕏 | | ##** DA 4.2 | Conc . | | 4 (- X40 () |
| Lead | | | | The Cast | | | OFT | | | |
| Fluid Type Lead | Fluid Description Cemex Pre | mium Plus C. | Quantity (sacks) | 445 | Class C | , | | Volume Pumped (| ppl) | 131.3 |
| Estimated Top (ftKB) 22.0 | Estimated Botto | om Depth (ftKB) 710.0 | Percent Excess Pump | ed (%) | Yield (ft³/sack |) | 1.66 | Fluid Mix Ratio (ga | al/sack) | 8.63 |
| Free Water (%) | Density (lb/gal) | | Zero Gel Time (min) | 100.0 | Thickening Tir | ne (hr) | 1.00 | 1st Compressive | Strength (psi) | 0.00 |
| Cement Fluid Additives | | | | | | | | Carried St. | - I D P. IN ALL | |
| Add | Page 14712) F | | Ty Ty | oe <u>wa</u> | C CASSOC | 14800 75 2 75 Sa | 第二分子 | ∰ (Conc. ∰ 🆠 | Professional Control | |
| Tail and Street Street | The state of the s | | 1 | A CONTRACTOR | T. Santa | | | | | |
| Fluid Type | Fluid Description | mium Plus C | Quantity (sacks) | | Class | F. A. 27. | 1000 W. M. 34-75 Lin | Volume Pumped (| | |
| Tail Estimated Top (ftKB) | | om Depth (ftKB) | Percent Excess Pump | 315 ed (%) | Yield (ft³/sack |) | | Fluid Mix Ratio (ga | al/sack) | 74.4 |
| 1,630.0 Free Water (%) | Density (lb/gal) | 1,900.0 | Zero Gel Time (min) | 100.0 | Thickening Tir | ne (hr) | 1.33 | 1st Compressive | Strength (psi) | 6.34 |
| O STATE OF THE PROPERTY OF THE | the same Sandan at a | 14.80 | Charles and a fine to | Physical Spirit | | i cade i a la la | | | | |
| Cement Fluid Additives | | | Ty Ty | | | | | | | Charle . |
| Displacement | | | | The Market | 27 | l Vesikeele | (3)35,30 | | | ुर १% ह |
| Fluid Type | Fluid Description | n | Quantity (sacks) | * * * * * * * * * * * * * * * * * * * | Class | i ragan in in in | ું જે વિવાર, કે તાલુ | Volume Pumped (| 4. 0 *** 24 * . | |
| Displacement | 20 bbls Spa 118.8 bbls | Fresh water | | | | | | | | 138.8 |
| Estimated Top (ftKB) 31.0 | Estimated Bott | om Depth (ftKB) 1,900.0 | Percent Excess Pump | ed (%) | Yield (ft³/sack |) | | Fluid Mix Ratio (ga | al/sack) | |
| Free Water (%) | Density (lb/gal) | | Zero Gel Time (min) | | Thickening Ti | me (hr) | | 1st Compressive | Strength (psi) | |
| Cement Fluid Additives | | | ari vikaliki | asant sats | (4) (5) 衛 黎 | | | | | |
| Add X | NEC AND PRO | TOTAL CONTROL OF THE PARTY. | Ty | pe. | A STATE OF THE | 7.50 m./% | METER T | Conc | AND COME TO | APPLICA |
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| | • | • | | | | | | Р | roduction C | asing Cement |
|--|--|-----------------------------|-----------------------|-------------------|------------------------|-------------------|------------------|---------------------------------------|-----------------------------|--|
| Well Name SKEEN 23-26-26 FED 006 | | Lease Skeen 22-26- | 26 Fed | | Field Name Delaware | Diver | | Busines Mid-C | s Unit | |
| Ground Elevation (ft) Original | RKB (ft) | Current RKB Eleva | ation | | Delaware | Rivei | | | | Vater Depth (ft) |
| 3,431.00 | 3,453.00 | 3,453.00, 3/4/ | 2015 | | | | | | | |
| Original Hole | | | | and the Text | Y PARK | | F. Fisher | | | |
| Wellbore Name Original Hole | 1 | Directional Type Horizontal | | | Kick Off Dept | th (ftKB) | | 6.767 | Section Direction (°) | 0.05 |
| Hole S | | | Partition of the | Act To | op (ftKB), 🗽 🤼 | · Marie in | T 2 64.83 | | Act Btm (ftKB) | |
| | | 17 1/2 | | | | | 22.0 | | | 395.0 |
| | | 12 1/4 | | | | | 95.0 | | | 1,925.0 |
| | | 8 3/4 | | | | ., | 25.0 | | | 12,122.0 |
| <pre>styp>, <make> on <dttms< pre=""></dttms<></make></pre> | tart> | A. A. Barre | | | Install Date | e santage | | | | |
| уре | | | | | mistali Date | | | • | | |
| Des | ディング、英葉Mak | ke ペルン・動物で、 | Mc | odel () odel | JAN WAY | WP.(psi) | | Service C. | は 特性 アルイン | ≰//SN SN S |
| 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 168 160 | The same Time in | .1 63 6 5 5 | V 1000 1001 000 | * *** | Subject date (CA) | w 1 1200 (d. br | · Jun Su Sa Million St. 10 · 10 | If additionally to a second | Comment of the second of the s |
| Conductor, Planned?-N, | BUTIKB //////////////////////////////////// | DOGARDON. | Run Date | ar amend a series | Set Depth (M | ID) (ftKB) | | Jp (ftKB) | Set Tension | |
| Conductor | Original Hole | | | 2015 | | | 80 | | -22.0 | (|
| Centralizers | | | | | Scratchers | | | | - | |
| | Will AMER | | Control of the second | 200 | | Top Conn Sz | LAMBEN | 3.60多.45%(20 .85 %) | Top Depth (MD | Btm Depth (MD) |
| Uts ltem Des | action of Childholds | OD (in) | 19.124 | 5Wt (lb/ft) 94.00 | | Top Conn Sz | Top Thread | Len (ft) 58.00 | | |
| Surface, Planned?-N, 382 | 64KD ** 1.85% 10 | | 1 | | | \$ M/20515 >- | V# 9 13 - 1 12 1 | | _ | 22 80 |
| Casing Description | Wellbore | | Run Date | Name . | Set Depth (M | ID) (ftKB) | | Jp (ftKB) | Set Tension | n (kips) |
| Surface | Original Hole | | 3/24 | /2015 | , | | 382 | , | 341.8 | (· · · · · · |
| Centralizers 5 | | | | | Scratchers | | | | | |
| \$30 30 A \$5 A 6 | | OD (in) | · 1600 | ** | Grade | Top Conn Sz | Top Thread | Len (ft) | *Top Depth (MD | Btm Depth (MD) |
| Uts: 1 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | OD (in) 13 3/8 | 7. ID (in) 12.715 | | | | Top Thread | Len (ft) 0.00 | | |
| 0 Landing Joint | <u>.</u> | 13 3/8 | 12.715 | 48.00 | | | ST&C | 0.00 | | |
| 1 Wellhead | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 3.37 | | |
| 1 Wellhead | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 3.37 | | |
| 1 Casing Pup Joint | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 5.20 | | |
| 1 Casing Pup Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | 1 1 | ST&C | 5.20 | -33 | |
| 7 Casing Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 272.83 | -32 | 25 -52 |
| 7 Casing Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C | 276.13 | -5 | 224 |
| 1 Float Collar | | 13 3/8 | 12.715 | 48.00 | H-40 | | ST&C · | 1.38 | 22 | 24 226 |
| 1 Float Collar | | 13 3/8 | 12.715 | 48.00 | H-40 | 1 | ST&C | 1.38 | 22 | 26 227 |
| 2 Casing Joint | | 13 3/8 | 12.715 | 48.00 | H-40 | (| ST&C | 75.92 | . 22 | 27 303 |
| 2 Casing Joint | | 13 3/8 | 12.715 | 48.00 | | | ST&C | 75.92 | 30 | 379 |
| 1 Float Shoe | | 13 3/8 | 12.715 | , 48.00 | | | ST&C | 1.54 | | |
| 1 Float Shoe | | 13 3/8 | | ŀ | | | ST&C | 1.54 | | |
| Intermediate Casing 1; Pl | anned?-N, 1,9 | 15ftKB | Run Date | | Set Depth (M | | | Jρ (ftKB) | Set Tension | n (kine) |
| Intermediate Casing 1 | Original Hole | | | /2015 | Oct Depart (ivi | | ,915 | op (III/b) | -22.0 | iii (kips) |
| Centralizers 12 | | | | | Scratchers | | • | | • | |
| · | Francisco de Carlos de Car | e dresent | ********** | WALKSEL S | 2000 | Top Conn Sz | CHECKEN | No Constitution | Top Depth (MD) | Btm Depth (MD) |
| | | OD,(in) | ** ^ID (in) | Wt (lb/ft) | | | | | | (ftKB) |
| 0 Landing Joint 1 Pup Joint | | 9 5/8 9 5/8 | 8.835 8.835 | | HCK55 HCK55 | | _TC | 0.00 | | 22 22 |
| 40 Casing Joint | , | 9 5/8 | 8.835 | | HCK55 | | _TC _TC | 4.51 1,798.43 | [| 22 27 27 1,825 |
| 1 Casing Collar | | 9 5/8 | 8.835 | | HCK55 | | _TC | 1,730.43 | | |
| 2 Casing Joint | | 9 5/8 | 8.835 | | HCK55 | | _TC | 86.96 | | |
| 1 Casing Shoe | | 9 5/8 | 8.835 | | HCK55 | 1 | _TC | 1.63 | . 1 | |
| Production Casing, Plant | ned?-N, 12:093 | | L | L | | | | | 1 | 1,010 |
| Casing Description | Wellbore | | Run Date | | Set Depth (M | ID) (ftKB) | Stick I | Jp (ftKB) | Set Tensio | |
| Production Casing Centralizers | Original Hole | | 4/15/ | /2015 | Scratchers | 12 | 2,093 | · · · · · · · · · · · · · · · · · · · | -21.8 | |
| 122 | | | | | Gualdiers | | | • | | |

Top Thread,

Wt (lb/ft) Grade 17.00 HCP-110

1D (in) 4.892

Item Des

0 Landing Joint

Top Depth (MD)

0.00



| | | | | | | | | | | sing Cement |
|---------------|--|--|--|---|------------------------|----------------|----------------------|--|------------------------|---------------------------------|
| Well N SKE | ame EN 23-26-26 FED 006H | Skeen 22-26- | | | Field Name Delaware | River | | Business Mid-Co | | |
| Groun | d Elevation (ft) Original RKB (ft) 3,431.00 3,453. | Current RKB Eleva 00 3,453.00, 3/4/ | | | | | | Mud Line | Elevation (ft) Wat | er Depth (ft) |
| 1580.4° 2' | THE PARTY CHARLES AND THE COMPANY OF | and a section and a sec | APP (12 PM) 4- | 300 N. S. | in the second | Top Com | Sz Sz | Company of the second second | ≫™Top Depth!(MD) | Btm Depth (MD) |
| Jts 1 | Item Des | OD (in) 5 1/2 | 4.892 | Wt (lb/ft) | Grade (| ·Top Corin S | Top Thread | Len (ft) 0.31 | (ftKB) 22 | Btm Depth (MD) (ftKB) (ftKB) 22 |
| | | | | _ | | | | | | |
| 1 | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 5.21 | 22 | 27 |
| 165 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 6,642.49 | 27 | 6,670 |
| 1 | Marker | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 9.66 | 6,670 | 6,680 |
| 131 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 5,213.76 | 6,680 | 11,893 |
| 1 | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 9.96 | 11,893 | 11,903 |
| 1 | RSI | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 5.50 | 11,903 | 11,909 |
| 1 | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 10.00 | 11,909 | 11,919 |
| 1 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | - | CDC | 37.97 | 11,919 | 11,957 |
| | Pup | 5 1/2 | 4.892 | 17.00 | HCP-110 | - | CDC | 9.58 | 11,957 | 11,966 |
| 1 | Landing Collar | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 1.51 | 11,966 | 11,968 |
| -1 | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 39.26 | 11,968 | 12,007 |
| 1 | Float Collar | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 2.01 | 12,007 | 12,009 |
| | Casing Joint | 5 1/2 | 4.892 | 17.00 | HCP-110 | | CDC | 81.44 | 12,009 | 12,091 |
| l | Float Shoe | 5 1/2 | 4.892 | <u> </u> | HCP-110 | ļ | CDC | 2.50 | 12,091 | 12,093 |
| | | | | <u> </u> | | 77.633.38** | | | i ' | |
| Ceme | duction Casing Cement, Casing enting Start Date | , 4/ 10/20 15 15:45 | Cementing End | Date | | elline di lang | Wellb | ore | Price Ball And Sout | valor star del |
| Evalu | 4/16/2015 ation Method | Cement Evaluation | | | 6/2015 | | | inal Hole | | |
| Comr | nent | Lost returns 2 | 206 bbls into | displacement | of FW (228 | 3 bbls into | displacemen | t total) | | |
| Pun | np Production cement job as per fo | ollows: | | | | | | | | |
| | t lines to 5,000 psi BBLs FW spacer | | | | | | | | | |
| 20 E | BBLs Tuned Spacer BBLs (980 sxs) of 11.3 ppg Lead | 1 | | | | | | | | • |
| 279 | BBLs (870 sxs) of 12.5 ppg Lead | | | | | | | | • | |
| 4 ' | BBLs (100 sxs) of 15 ppg Tail Dart Plug and 2 Foam Balls | | | | | | | | | |
| 282 | 4 BBLs FW Displacement (first 24 | 4 BBLs with MMC | R) | | | | | ٠ | | |
| Burr | np Plug with 500 psi over at xxx p | si. FCP = xxx psi | . Held for 5 n | nin. Bled back | x BBLs; fl | oats held. | · | | | |
| 1, 6 | 47.0-12,122.0ftKB | n Depth (ftKB) | | ull Return? | | Ret (bbl) To | | THE STATE OF THE S | Bottom Plug? | |
| \ <u> </u> | 647.0 | 5 | 12,122.0 | N | ļ | 0.0 | | N | | Υ |
| Initial | Pump Rate (bbl/min) Final 6 | Pump Rate (bbl/min) | 4 | vg Pump Rate (bb | ivmin) | 7 | nal Pump Pressure | 968.0 | Plug Bump Pressure | (psi) |
| Pipe | Reciprocated? Recip | rocation Stroke Length | (ft) R | eciprocation Rate | (spm) | Pip | pe Rotated? | N | Pipe RPM (rpm) | · |
| Depth | | Method | ٥ | epth Plug Drilled (| Out To (ftKB) | Dri | ill Out Diameter (in | | Drill Out Date | |
| | TO THE PART OF THE | | The state of the s | 1750 A 1865 | | | | | | A STATE OF THE STATE OF |
| Fluid | | Description BBL FW Spacer | | uantity (sacks) | - | Cla | ass | | Volume Pumped (bb | 10.0 |
| | | ated Bottom Depth (ftK | B) P | ercent Excess Pur | mped (%) | Yie | eld (ft³/sack) | | Fluid Mix Ratio (gal/s | |
| Free | Water (%) Densi | ity (lb/gal) | Z | ero Gel Time (min |) | Th | nickening Time (hr | | 1st Compressive Str | ength (psi) |
| - | | | | | | | | | <u> </u> | |

Page 2/4

Report Printed: 6/24/2015



| | | , | | | | | | Pro | oduction Casing | Cement |
|---|---|--|------------------------------|--|---------------------|--|--|------------------------------------|-----------------------------|--|
| Well Name SKEEN 23-26-26 FED 006H | 4 | Lease Skeen 22-26-2 | 6 Fed | | Name aware River | | | Business I Mid-Cor | | |
| Ground Elevation (ft) Original RKB (ft 3,431.00 | | Current RKB Elevat 3,453.00, 3/4/2 | | | | | | Mud Line E | Elevation (ft) Water Depti | h (ft) |
| Cement Fluid Additives | 71 400001 010 000 | TACKET TO SEE THE TACKET TO TH | P. VESTORINI STE INCOMESTO . | Туре | | | The Property of the Party of th | or Shalls are all highly on a con- | Conc | N 1.1 MARIE AN 1-2 |
| Spacer | BATTERS TO SERVICE AND A | Sur Carlo Estate | ella III. | | | parten a carperate, -e- | | W. (Fit | | . 200 |
| Fluid Type Spacer | -0.5 Ga -0.5 Ga -0.5 Ga surfacta -0.3 Ga -10 ppg | Spacer III I MUSO (R)-A I SEM-7 I Dual Spacer Int B I D-Air 3000L mud | | Quantity (sacks) | | Class | | | Volume Pumped (bbl) | 20.0 |
| Estimated Top (ftKB) | Estimated | Bottom Depth (ftKB) | | Percent Excess Pumped (% | b) | Yield (ft³/sack |) | | Fluid Mix Ratio (gal/sack) | |
| Free Water (%) | Density (lb | /gal) | , | Zero Gel Time (min) | | Thickening Ti | me (hr) | | 1st Compressive Strength (p | osi) |
| Cement Fluid Additives | AWARD AND A | | | Type 7 | では、「強い | ************************************** | | W 141 | Conc. | |
| Lead Fluid Type | Fluid Desc | 1 1 M . 150 MG 1 1 MM 0 MG. | | Quantity (sacks) | | Class | 470000 | | Volume Pumped (bbl) | 100 |
| Lead | - 0.25 lb | Kol-Seal om D-Air 5000 HR-601 | | | 980 | H | | | | 443.0 |
| Estimated Top (ftKB) | | Bottom Depth (ftKB) | 6,563.0 | Percent Excess Pumped (% | 100.0 | Yield (ft³/sack |) | 2.54 | Fluid Mix Ratio (gal/sack) | 15.11 |
| Free Water (%) | Density (It | o/gal) | | Zero Gel Time (min) | 100.0 | Thickening Ti | me (hr) | | 1st Compressive Strength (p | |
| Cement Fluid Additives | | | 11.30 | | | | | 6.50 | | |
| Add A | | | | | | | | | | |
| Lead | | | | | | | <u> </u> | | | |
| Fluid Type Lead | - 3 lbm - 0.30% - 0.50% | • | | Quantity (sacks) | 870 | Class H | | | Volume Pumped (bbl) | 279.0 |
| Estimated Top (ftKB) 6,563.0 | | Bottom Depth (ftKB) | 14,700.0 | Percent Excess Pumped (9 | 35.0 | Yield (ft³/saci |) | 1.82 | Fluid Mix Ratio (gal/sack) | 9.64 |
| Free Water (%) | Density (Ib | o/gal) | | Zero Gel Time (min) | | Thickening T | me (hr) | 5.28 | 1st Compressive Strength (p | |
| Cement Fluid Additives | i Legan | Marie VI | | W. W. W. W. | minist des | AB 1950 x | 基标"最惠"和 图化 | | | |
| •Add | 10 100 100 | COLORED ED LAS | . 376 - 146 ₄ | Type′ | 然"提出"。 | Will reside | 194 20 V | W. 1667. | & Conc * *** | 1. 大震 (1) 東京社 |
| Tail San San San San San San San San San San | | | K. J. | | | | | YM. X. | | Navara . |
| Fluid Type Tail | - 0.70% | m-H om D-Air 5000 o HR-601 | | Quantity (sacks) | 100 | | | | Volume Pumped (bbl) | 47.0 |
| Estimated Top (ftKB) 14,700.0 | | Bottom Depth (ftKB |) 15,710.0 | Percent Excess Pumped (9 | 0.0 | Yield (ft³/sack | | 2.61 | Fluid Mix Ratio (gal/sack) | 11.22 |
| Free Water (%) | Density (It | o/gal) | 15.00 | Zero Gel Time (min) | | Thickening T | me (hr) | 5.11 | 1st Compressive Strength (p | |
| Cement Fluid Additives | | | - Za. 7 (%) | | | | | | | |
| *Add | and the local | | (*** A **** | 《文字》。 《文字》。 《文字》 《文字》 《文字》 《文字》 《文字》 《文字》 《文字》 《文字》 | | <u> </u> | | <u> </u> | **Conc | 可以 |
| Displacement | | | . X . 88 | | | | | A Hap | | 3.Mi - 3.4 |
| Fluid Type Displacement | MSA A | cid | | Quantity (sacks) | | Class | | | Volume Pumped (bbl) | 22.0 |
| Estimated Top (ftKB) | Estimated | Bottom Depth (ftKB |) | Percent Excess Pumped (9 | 6) | Yield (ft ^s /sac) | () | | Fluid Mix Ratio (gal/sack) | |
| Free Water (%) | Density (It | o/gal) | ·, | Zero Gel Time (min) | | Thickening T | me (hr) | | 1st Compressive Strength (g | osi) |
| | | | | | | . | | | | <u>, </u> |



| ell Name | Lease | | Field Name | | Business Unit | on Casing Ceme |
|---|---|-----------------|----------------|---------------------------------------|------------------------------------|------------------------|
| KEEN 23-26-26 FED 006H round Elevation (ft) Original RKB (ft) | Skeen 22-26-26 Current RKB Elevation | red | Delaware River | • | Mid-Continent Mud Line Elevation (| ft) Water Depth (ft) |
| | 453.00 3,453.00, 3/4/20 | | | | maa Line Zievation (i | , Prater Deptir (it) |
| ement Fluid Additives | | 18. | u ja | | - 40 Men 3 - 50 | |
| Add | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Conc | 7.54 (3.2 |
| | | | | | | - |
| splacement 🎥 🖖 💢 📸 🥞 | | | | w. Kiel in in the | | TO WOOT WINDOW |
| | luid Description resh Water | Quantity (sad | cks) | Class | Volume P | umped (bbl) 26 |
| | stimated Bottom Depth (ftKB) | Percent Exce | ess Pumped (%) | Yield (ft³/sack) | Fluid Mix | Ratio (gal/sack) |
| ee Water (%) De | ensity (lb/gal) | Zero Gel Tim | ne (min) | Thickening Time (hr) | 1st Comp | ressive Strength (psi) |
| · | | • | | | | |
| | | Δ | | 97 66 77 | | 200 |
| Add | | property of the | Type 75 | The second | Conc. | STATE WAY |
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