

FORGE Energy
UL 21 Bighorn 1W
API Number: 42-495-33724

09/29/2016

Rig Name:

11/01/2016

Rig Name:

15:00 Hobbs Anchors Set and Tested Anchors , Energy Service rig 235 on location ,
Energy Service delivered Rig matt , 2 sets pipe racks , Hydraulic Catwalk

11/02/2016

Rig Name: Energy Service Rig 235

08:00 PJSM , Spotted Energy Service rig 235 , Rig matt 2' over cellar , Ordered H
beam.
09:00 NU 7 1/16 Spacer Spool , 7 1/16 5K BOP , Function test BOP
11:00 Unload , Spot H beam , RU Energy Service Rig 235 , Right light delivered Trash
trailer , 2 LP , 2 porta potts
12:30 RU Rose reverse unit , Magneto plumbed surface csg bleedoff line , welded
mousehole cover , Basic delivered load of BW to reverse pit , Unloaded , racked
and strapped 216 jts 3 1/2 9.3# L-80 TBG
15:00 Surface Casing Pressure 20 psi , Bled off - no fluid , Pressure test Csg against
blind rams 2500 psi for 15 min - test ok
15:15 RU Floor , Right light delivered forklift
16:30 Make up 6 1/8" Varel sealed bearing rocktooth bit , BS , 6 - 4 1/8" DC , XO ,
RIH w/ 30 jts 3 1/2" 9.3# L-80 Tbg , SD at 1165' , SIFN
19:00 DTR delivered and spotted 2 frac tanks

11/03/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 0 , PJSM
08:00 Continue picking up 3 1/2" 9.3# L-80 Workstring
11:00 L&M backhoe filled in cellar.
12:15 Continue picking up 3 1/2" L-80 Workstring , Tag at 5027' on Jt 149
13:15 LD jt 149 , make up Rose swivel on jt 149 , Break circulation w/ 3 bbls , 100 psi
at 2.7 bpm , pumping conventional , SD and tighten bolts on stripping head
15:00 Start Drlg DV tool at 5027' , WOB 6-8K , 100 psi at 2.7 bpm , fell through in 20
min at 5030' , made 3 passes up and dn , Circulated bottoms up , Circulated
Small pieces of rubber out.
16:00 Made connection at 5043' , pushing something dn w/ 1-2k , work tbg up and dn
5043'-5075' , swivel would torque up coming up , continued working pipe up
and dn and turn free. Circulated 2 1/2 bottoms up , Circulated out substantial
amount of rubber. Circ Press 250 psi at 3.2 bpm
18:15 SD pump , LD jt 150 w/ Swivel , pull up jt 149 w/ swivel a full jt. No drag on
either jt. SD at 5007' , SIFN

11/04/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 0 , PJSM
08:00 Break circulation at 5007' , Circ press 250 psi at 3.2 bpm , work Tbg w/ swivel
5007'-5043' , No drag or torque , Make connection , Work Tbg w/ swivel
5043'-5075' , No drag or torque , Make connection , Work Tbg w/ swivel
5075'-5107' , No drag or torque , Set back swivel
09:15 RIH w/ 3 1/2" L-80 tbg , Tag at 6551'
10:30 PU Swivel and cleanout to 6567' , Tag PBTD , PU 4' , Circ press 350 psi at 3.4
bpm , Circulate 270 bbls - Clean returns , SD pump , LD swivel and jt 197
13:15 Untie back line
14:00 POOH w/ 98 stds 3 1/2" L-80 tbg , XO , Break and LD 6 - 4 1/8" DC , BS , 6
1/8" Bit , Rubber hung in 2 bit jets
17:15 Spot Renegade WL truck , Rigging up Renegade WL , NU 7 1/16" x 5k WL
adapter flange , pump in sub , Ready to pu Lube and make gauge ring run in
am. SIFN

11/05/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 0 , PJSM
08:00 Load Csg w/ 23 bbls , Pressure test Csg against blind rams 3000 psi for 15 min
- test ok
08:45 Make up 5.90' Gauge Ring , PU and make up Lubricator , Pressure test 1500 psi
for 5 min against blind rams - test ok
10:00 Open Blind rams , RIH w/ Renegade wl 5.90" gauge ring , CCL , Tag at 6559'
corrected depth , Correlated to Halliburton OH Log , POOH
11:30 Out of hole w/ 5.90" gauge ring , LD Junk Basket / Gauge ring , Prep CBL Tool
12:15 RIH w/ GR/CCL/CBL , Tag at 6559' , correlated to Halliburton OH Log , POOH ,
Ran CBL to Surface , Est. Top of Cement 94'
15:00 RD Renegade WL

16:00 Make up 6 1/8" Bit and Scraper , RIH w/ 197 jt 3 1/2" L-80 tbg , SD at 6413' , SIFN

11/06/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 0 , PJSM

08:00 Tag PBTD at 6567' MD on Jt 202

08:30 Circulate 230 bbls of BW , SD

09:30 LD 7 Jts 3 1/2" L-80 Tbg , At 6353' MD w/ 6' Sub on jt 195, Circulate 222 bbls FW , SD

11:00 PJSM , RU Pro Petro , Pressure test line 1000 psi , At 6353' , Broke circulation w/ 5 bbls FW , Pump 2200 gals 10% Acetic , 300 psi at 4 bpm , Followed by 46 bbls FW Flush for balance spot , SD , Tbg and Csg dead

12:00 RD Pro Petro , Break and LD 6' x 3 1/2" Sub , POOH w/ 3 1/2" L-80 Tbg , Pulled 1st 31 Stds slowly , POOH , (97 Stds in Derrick) , Break and LD 6 1/8" Bit and Scraper and jt of 3 1/2" L-80 Tbg

14:45 RU Renegade WL , NU 7 1/16" x 5k WL Adapter flange , Pump In sub.

16:00 Make up 7" 26# (Diamondback) CIBP , CCL , RIH , Correlate , Set top of CIBP at 6527' , Btm 6529' , POOH w/ wl , Note: Ran Diamondback CIBP that had setting pins built in to CIBP , Eliminating running separate setting tool.

17:30 RD Renegade WL , RU Mendford Pump truck , Load Csg w/ 23 bbls , Pressure test CIBP and Csg 2650 psi for 15 min and chart. - Test ok. RD Mendford Pump Truck. SIFN. Will Dump Bail cement on CIBP Monday in am.

11/07/2016

Rig Name: Energy Service Rig 235

00:00 Cost Report

11/08/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 20 psi , PJSM

08:00 Make up 4" Dump Bailer , Load w/ 33 gals of Class C Cement , RIH w/ Dump Bailer and Dump Bail 20' of Cement on Top of CIBP at 6527' , TOC 6507' , POOH w/ WL , LD Dump Bailer

09:30 PU Stage 1 , 4" gun #1 , Pressure test lube 1500 psi for 5 min - Test ok

10:45 RIH w/ 4" Gun #1 , Correlate , Fire gun #1 , 6345'-6325' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #1 , Verified all shots fired.

11:30 RIH w/ 4" Gun #2 , Correlate , Fire gun #2 , 6313'-6293' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #2 , Verified all shots fired

12:15 RIH w/ 4" Gun #3 , Correlate , Fire gun #3 , 6293'-6273' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #3 , Verified all shots fired

13:00 RIH w/ 4" Gun #4 , Correlate , Fire gun #4 , 6258'-6238' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #4 , Verified all shots fired

13:45 RIH w/ 4" Gun #5 , Correlate , Fire gun #5 , 6239'-6219' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #5 , Verified all shots fired

14:30 RIH w/ 4" Gun #6 , Correlate , Fire gun #6 , 6163'-6143' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #6 , Verified all shots fired

15:15 Rehead Rope Socket

15:45 RIH w/ 4" Gun #7 , Correlate , Fire gun #7 , 6143'-6123' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #7 , Verified all shots fired. After LD gun #7 , Trickle (flow) out of the Csg (Called in to Completion Supt)

16:30 RIH w/ 4" Gun #8 , Correlate , Fire gun #8 , 6070'-6050' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD gun #8 , Verified all shots fired. After LD gun #8 , Trickle (flow) out of the Csg

17:15 SIFN

17:30 SICP at 20 min - 240 psi , SICP at 30 min - 260 psi

11/09/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 20 psi , SICP 350 psi , PJSM

08:00 Wait on Orders

08:30 Start pumping at .5 bpm , pressured up to 600 psi , pumped .42 bbls , pressure at 420 psi after 10 min.

09:00 Start pumping at .5 bpm , pressured up to 1500 psi , pressure bleeding off slowly , continue to work pressure up to 1500 psi

10:00 pump .5 bpm , Pressure break at 2050 psi , Establish injection rate at 2 bpm , 1200 psi , Pump 50 bbls to put away 10% Acetic acid , ISIP 1100 psi , 5 min 1080 psi , 10 min 1060 psi , 15 min 1050 psi

11:00 Start pumping BW , Pump 231 bbls BW (volume to top perf at 6050') final rate 2.9 bpm at 700 psi , ISIP 650 psi , 5 min 600 psi , 10 min 590 psi , 15 min 570 psi , 30 min 550 psi

13:15 NU Blanking Flange on top of BOP w/ valve. Well is Shut-In and secure.

11/10/2016

Rig Name: Energy Service Rig 235

00:00 Cost Report

11/11/2016

Rig Name: Energy Service Rig 235

00:00 Cost Report

11/12/2016

Rig Name: Energy Service Rig 235

00:00 Cost Report

11/15/2016

Rig Name: Energy Service Rig 235

00:00 Cost Report

11/16/2016

Rig Name: Energy Service Rig 235

07:30 Surface Casing Pressure 25 psi , SICP 0 , PJSM

08:00 RU Renegade WL

10:15 PU Stage 2 , 4" gun #1 , (9th ttl) Pressure test lube 1500 psi for 5 min - Test ok

10:30 RIH w/ 4" Stage 2 , Gun #1 , Correlate , Fire Stage 2 , gun #1 , (9th ttl) , 5900'-5880' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 gun #1 , Verified all shots fired.

11:15 RIH w/ 4" Stage 2 , Gun #2 , Correlate , Fire Stage 2 , gun #2 , (10th ttl) , 5880'-5860' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #2 , Verified all shots fired.

12:00 RIH w/ 4" Stage 2 , Gun #3 , Correlate , Fire Stage 2 , gun #3 , (11th ttl) , 5720'-5700' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #3 , Verified all shots fired. Fluid level 280' on last run.

12:45 RIH w/ 4" Stage 2 , Gun #4 , Correlate , Fire Stage 2 , gun #4 , Only bottom 10' of gun fired (12th ttl) , 5670'-5680' , 10' , 4 spf , 40 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #4 , Verified all shots fired on bottom 10' of gun

14:00 RIH w/ Top Half of Stage 2 Gun #4 , Correlate , Fire top half Stage 2 gun #4 , (Top half of 12th gun ttl) 5670'-5660' , 10' , 4 spf , 40 shots ttl , 60 degree phasing , pooh

14:45 RIH w/ 4" Stage 2 , Gun #5 , Correlate , Fire Stage 2 , gun #5 , Only bottom 10' of gun fired (13th ttl) , 5605'-5615' , 10' , 4 spf , 40 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #5 , Verified all shots fired on bottom 10' of gun

15:30 Rehead Rope Socket

16:30 RIH w/ Top Half of Stage 2 Gun #5 , Correlate , Fire top half Stage 2 gun #5 , (Top half of 13th gun ttl) 5605'-5595' , 10' , 4 spf , 40 shots ttl , 60 degree phasing , pooh

17:15 Verified all shots fired on Top half of Stage 2 , gun #5 , (Top half of 13th gun ttl) , RIH w/ Stage 2 gun #6 , correlate , Fire Stage 2 , gun #6 , (14th ttl) , 5550'-5530' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #6 , (14 th ttl) Verified all shots fired

17:45 RIH w/ 4" Stage 2 , Gun #7 , Correlate , Fire Stage 2 , gun #7 , (15th ttl) , 5266'-5246' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #7 , (15th ttl) Verified all shots fired , Fluid level 310' on last run , SIFN

18:30 Pro Petro unloaded chemical in Acid tank

19:30 Elite Services transferred 18,000 gals of 15% HCL Acid from Monument A 28 - 6 1h well and unloaded in Acid tank. Mendford delivered 2 loads bw , 1 load fw

11/17/2016

Rig Name: Energy Service Rig 235

07:15 Surface Casing Pressure 25 psi , SICP 0 , PJSM , RU Renegade WL

08:15 RIH w/ 4" Stage 2 , Gun #8 , Correlate , Fire Stage 2 , gun #8 , (16th ttl) , 5227'-5207' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #8 , Verified all shots fired

09:00 RIH w/ 4" Stage 2 , Gun #9 , Correlate , Fire Stage 2 , gun #9 , (17th ttl) , 5207'-5187' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #9 , Verified all shots fired

09:45 RIH w/ Stage 2 , Gun #10 , (18th Gun TTL) , CCL shorted out , POOH w/ WL to ck out problem

10:30 Out of hole , LD gun , Connections in CCL had worked loose , Repair CCL

10:45 RIH w/ 4" Stage 2 , Gun #10 , Correlate , Fire Stage 2 , gun #10 , (18th ttl) , 5110'-5090' , 20' , 4 spf , 80 shots ttl , 60 degree phasing , POOH , LD Stage 2 , gun #10 , Verified all shots fired

11:30 RDMO Renegade WL

13:00 WM Pkr Made up 7" 26# CST Pkr , 2 7/8" SN , TS RBP

13:15 RIH w/ 97 Stds and single , 3 1/2" L-80 Tbg , PU Jt 196

15:00 Set TS RBP at 6386' (Top) , Unlatch from RBP , PU 2' , Set CST PKR , Tie onto Tbg , Load Tbg w/ .5 bbl , Pressure test RBP and Pkr 3000 psi for 5 min - Test ok

15:15 POOH w/ 6 Stds of 3 1/2" L-80 Tbg , 184 Jts in Hole , PU 6' x 3 1/2" Sub , Set CST Pkr at 6003' , Make up TIW valve

15:45 RU Pro Petro , Safety Meeting / JSA , Pressure Test Lines 5000 psi
 16:15 Start Pumping , Establish Injection Rate , 1920 psi at 8 bpm w/ BW , Pump
 Stage 1 Acid / Salt Block Job w/ 5800 gals 15% NEFE HCL Acid w/ Mud clean ,
 5200 # Rock Salt , Overflushed Top Perf 60 bbls , Pressure just before SD 1913
 PSI at 8.3 bpm , Max Rate 8.3 bpm , Avg Rate 7.8 bpm , Max Pressure 2070
 psi , Avg pressure 1963 psi , ISIP 787 psi , 5 min 665 psi , 10 min 650 psi , 15
 min 637 psi.
 17:15 Shut-In TIW , RD Pro Petro off Tbg , SIFN

11/18/2016

Rig Name: Energy Service Rig 235

07:00 Surface Casing Pressure 25 psi , SICP 0 , SITP 90 psi , PJSM , Bled off Tbg
 08:00 Release CST Pkr , RIH w/ 6 Stds 3 1/2" L-80 Tbg , Tag 1-2' High , LD Jt , Tie
 back line to use line scale
 08:45 PU swivel , Wash off TS RBP and latch , Release TS RBP
 09:15 POOH LD 12 jts 3 1/2" L-80 TBG
 09:30 Set TS RBP at 6007' (Btm) , Unlatch , PU 2' Set CST Pkr , Tie onto tbg ,
 Pressure test RBP 3000 psi for 5 min - test ok , LD 1 jt , POOH w/ 1 std 3 1/2"
 L-80 tbg , At 5900' for Acid Spot
 10:15 RU ProPetro , Safety Meeting , Break Circulation w/ 2 bbls 10.0 ppg BW , Pump
 8 bbls 15% HCL NEFE Acid w/ mud clean , followed by 49 bbls 10.0 ppg BW
 flush for balance spot at 5900' , Tbg and csg dead
 11:00 POOH w/ 13 Stds 3 1/2" L-80 Tbg , PU 6' x 3 1/2" Sub , Set CST Pkr at 5064'
 11:30 RU ProPetro , Pressure test lines 4500 psi - Test ok
 13:00 Pressure up Perfs broke at 1371 psi , Step Rate Injection Test w/ 10.0 ppg BW ,
 2 bpm at 450 psi , 4 bpm at 630 psi , 6 bpm at 980 psi , 8 bpm at 1450 psi ,
 Pump Stage 2 Acid/Salt Blk Job , 11,245 gals 15% NEFE HCL Acid w/ Mud clean
 , 6500# Salt Block , Overflushed Top Perf 60 bbls w/ 10.0 ppg BW , Final rate
 before SD 8.5 bpm at 1400 psi , Max Pressure 1680 psi ,Avg Pressure 1400 psi
 , Max Rate 8.5 bpm , Avg Rate 7.8 bpm , ISIP 400 psi , 5 min 314 psi , 10 min
 308 psi , 15 min 304 psi , Shut-In TIW valve.
 14:30 RDMO ProPetro
 16:00 120 min SITP 180 psi , Shut-In and secure well.

11/19/2016

Rig Name: Energy Service Rig 235

07:00 SITP 0 , SICP 0 , Surface Casing Pressure 25 psi , PJSM , Release CST Pkr ,
 Monitor well , Well Static
 08:00 RIH w/ 14 Stds and single 3 1/2" L-80 Tbg , PU 6' x 3 1/2" sub , Latch TS RBP
 and Release , Monitor Well , Well Static
 09:15 POOH , LD 184 Jts 3 1/2" L-80 WS , Cactus WH delivered Injection Tree ,
 Tubing Hanger.
 14:00 Break and LD 7" 26# CST Pkr , TS RBP , Move 3 1/2" L-80 WS off rack to edge
 of location.
 15:00 DTR delivered , unloaded and racked 164 jts 3 1/2" J-55 , 9.3# , TK 99 , IPC
 Tbg from NOV Tuboscope yard in Midland,Tx. Also delivered 1 - 10' x 3 1/2"
 J-55 , 9.3# , TK 99 , IPC Sub
 16:00 Renegade WL spotted truck , NU 7 1/16" WL Adapter Flange , Pump In sub ,
 Make up 30' of 7" Lube , Ready to PU Permanent Pkr Assembly in am. SIFN.

11/20/2016

Rig Name: Energy Service Rig 235

07:00 SICP 0 , Surface Casing Pressure 25 psi , PJSM
 08:00 Pressure test Lube 1500 psi - test ok , PU 7" 26# D&L Permanent Pkr Assembly
 09:00 RIH w/ CCL , Setting tool , Permanent Pkr Assembly ,Fluid level at 190' ,
 Correlate , Set Permanent Pkr at 4960' (Seal) Centered between Csg collars ,
 POOH w/ WL , Out of Hole
 10:15 RD Renegade WL
 10:45 Load Csg w/ 7.8 bbls BW , Pressure up on Csg 500 psi and hold for 2 min , Step
 up pressure to 1000 psi and hold for 10 min to test permanent pkr and Pump
 out plug - Test ok
 11:00 Continue RD Renegade WL , Strap Injection Tubing , Magneto delivered 2 jts 3
 1/2" J-55 , 9.3# TK 99 IPC Tbg , 3 1/2" x 8',6',4',2', Subs from Wayne pipe
 yard.
 12:30 PJSM , Make up 8' Seal Assembly w/ No go , 1 Jt 3 1/2" J-55 , 9.3# TK 99 , IPC
 Tbg , 7" 26# D&L Hydraulic Pkr , T-2 On/Off Assembly w/ 2.75x nipple , 1 Jt 3
 1/2" J-55 , 9.3# , TK 99 , IPC Tbg , 2.75x Inline Nipple , RIH Picking up Tbg off
 rack , NOV Tuboscope Hand drifting every jt w/ 2.807 drift , Set Torque at 2280
 ft lbs , Monitoring makeup on every jt. In hole w/ 120 jts , 3 1/2" J-55 , 9.3# ,
 TK 99 , IPC Tbg , SD at 3920' , SIFN

11/21/2016

Rig Name: Energy Service Rig 235

06:00 Cost Report

11/22/2016

Rig Name: Energy Service Rig 235

07:00 SITP 0 , SICIP 0 , Surface Casing Pressure 25 psi , PJSM
08:00 Continue RIH Picking up 3 1/2" J-55 , 9.3# , TK 99 , IPC Tbg off rack , NOV Tuboscope Hand , drifting every jt w/ 2.807 drift , Set Torque at 2280 ft lbs , Monitoring makeup on every jt , Land seal assembly 17' in on jt 153 , Test backside 300 psi to make sure seal assembly stung in , test ok , PU 2' , Pressure test backside 300 psi to make sure seal assembly stung in , test ok , LD jt 153 , 152 , Spaceout , PU 2' , 6' x 3 1/2" J-55 , 9.3# , Tk 99 IPC Subs , PU jt 152 , Start reverse circulating 140 bbls BW Packer fluid
10:15 Finish displacing Packer fluid , make up Tbg Hanger , Sting in seal assembly , pressure up on backside 300 psi - test ok , Pressure up on Tbg to set hydraulic pkr , (Hydraulic pkr pinned to set at 1562 psi) Pressure up in 500 psi steps , holding at each for 2 min to 2500 psi , bled off pressure , PU up hydraulic pkr , pull 5k over on pkr (dragging) , Slackoff - Pkr not set , Pressure up on tbg 2700 psi , Pumpout plug blew out , Check - hydraulic pkr not set. Call Precision WL , ordered xxd plug to set in 2.31x nipple
13:15 Wait on Precision WL
15:45 Precision WL on location , PJSM , Make up Otis xxd plug to set in 2.31x profile nipple , RIH , Set Otis xxd blanking plug in 2.31x profile nipple at 4969' WLM , pooh w/ wl , Out of hole , RD Precision wl
16:45 Pressure up on tbg , Otis xxd plug not holding
17:30 RU Precision , RIH and retrieve Otis xxd plug , pooh w/ xxd blanking plug , tore down xxd blanking plug , collet had shifted on plug , causing it not to seal , Make up Otis xxd blanking plug and rih , Set Otis xxd blanking plug at 4969' WLM , pooh , Rd Precision
19:00 Tie onto tbg , Pressure up 3500 psi and hold on tbg for 10 min , pressure held , bled off pressure , PU up hydraulic pkr , pull 5k over on pkr (dragging) , Slackoff - Pkr not set , Pressure up 4000 psi and hold on tbg for 5 min , pressure held , bled off pressure , PU up hydraulic pkr , pull 5k over on pkr (dragging) , Slackoff - Pkr not set. Unsting seal assembly , Start reverse circulating remaining 40 bbls BW Pkr fluid , to circulate pkr fluid all around.
20:00 Finish reverse circulating 40 bbls BW Pkr fluid. SIFN , Mendford trucking pulled remaining brine out of brine tank and disposed.

11/23/2016

Rig Name: Energy Service Rig 235

07:00 SICIP 0 , SITP 0 , Surface Casing Pressure 25 psi , PJSM
08:00 POOH , LD Jt 152 , Break and LD 2' , 6' x 3 1/2" J-55 IPC Subs , POOH w/ 75 Stds , 3 1/2" J-55 , 9.3# TK99 , IPC Tbg , (Drag 1-2k on 1st 15 Sts) , put thread protectors on , set back Stds on rubber matt , Break and LD 7" 26# D&L Hydraulic Pkr - Had partially stroked , POOH w/ 1 Jt 3 1/2" J-55 , IPC Tbg , Break and LD Seal assembly
10:15 Redress Seal Assembly
10:45 Make up seal Assembly , 1 Jt 3 1/2" , J-55 , 9.3# , TK99 , IPC Tbg , New 7" 26# Hydraulic pkr , T-2 On/Off Assembly w/ 2.75x profile nipple , 1 Jt 3 1/2" , J-55 , 9.3# , TK99 , IPC Tbg , 2.75x Inline Profile nipple , RIH w/ 74 Stds and single 3 1/2" , J-55 , 9.3# , TK99 , IPC Tbg , NOV Tuboscope hand monitored makeup of every jt , Torqued each jt 2280 ft lbs. PU 2' , 6' x 3 1/2" J-55 , 9.3# , Tk 99 IPC Subs , PU jt 152 , make up Tbg Hanger , Sting in seal assembly , pressure up on backside 300 psi - test ok
14:00 Pressure up on Tbg to set hydraulic pkr , (Hydraulic pkr pinned to set at 1562 psi) Pressure up to 3000 psi , (Saw Pkr stroke at 1500 psi) , held pressure for 5 min , bled off pressure , PU up hydraulic pkr , pull 5k over on pkr , Hydraulic pkr set , Land Tbg hanger w/ 25k compression , screw in hold downs ,Cactus Set BPV
14:30 rd floor , pressure test backside 500 psi for 5 min - test ok , RD Rose reverse unit , Rose pu and loaded 3 1/2" L-80 WS , ND BOP , Cactus NU Injection Tree , Tested Tbg Hanger seals 5k - test ok , Pull BPV
16:30 RU Precision WL , RIH w/ equalizing prong , pooh , RIH and retrieve Otis xxd blanking plug , pooh w/ blanking plug , Out of hole , Shut-In well , RD Precision WL

11/24/2016

Rig Name: Energy Service Rig 235

08:30 SICIP 0 , Surface Casing Pressure 25 psi , PJSM , Rose equipment PU Reverse unit pump and pit
09:00 RU Pate Pump Truck , Pressure Test line 1000 psi , Repair leaks
10:00 H-5 Test , Pressure up on Csg just under 540 psi and charted for 35 min. , Pressure ended just over 520 psi , Bled off Pressure.
10:45 H-5 Test , Pressure up on Csg 560 psi and charted for 56 min. , Pressure dropped to just over 540 psi in 23 min. and held at that pressure for 33 min. , Bled off Pressure.
11:45 RD Pate Pump Truck , RU ProPetro
12:00 RU ProPetro , PJSM , Pressure test lines 3500 psi , Repair leak , Pressure test lines 3500 psi - Test ok.
13:00 Pump 20 bbls FW at 2 bpm , Electronic issues , SD
13:15 Repair Problems reading rate and pressure.
13:45 Finish Injectina FW to Top perf at 5090' . 3.7 bpm at 750 psi . pumped 50 bbls

FW TTL

- 14:00 Start Injection Step Rate Test , 2 bpm at 685 psi , lined out and held for 4 min. , 4.2 bpm at 840 psi , lined out and held for 4 min. , 6 bpm at 1025 psi , lined out and held for 4 min. , 8.3 bpm at 1330 psi , lined out and held for 4 min , 10 bpm at 1625 psi , lined out and held for 6 min , 12 bpm at 1860 psi , lined out and held for 5 min , 12.8 bpm at 2200 psi , 12.8 bpm at 2100 psi after 5 min , 12.8 bpm at 2080 psi after 10 min , 12.5 bpm at 2070 psi after 25 min , SD for 2 min , sucked air switching to last tank , Resume pumping 13.3 bpm at 2280 psi , 12.9 bpm at 2100 psi after 40 min , SD at 50 min pumped , Final Rate - 12.7 bpm at 2050 psi
- 15:30 ISIP 951 psi , 5 min 785 psi , 10 min 773 psi , 15 min 765 psi , 30 min 742 psi , 45 min 725 psi
- 16:15 RD ProPetro , RD Energy Service Rig 235 , Energy Service pu Hydraulic catwalk , pipe racks , H beam. Release rig , Release all equipment. Turn well over to Production Group.