

11-342D

1/20/2014 Monday

Pushed snow off of Location. MI and RU Monument Well Service Rig #29, MI and spotted rig equipment.

Daily cost \$8610.00  
snow con \$1500.00  
Rig cost \$4760.00  
Blac-frac trk \$1350.00  
Blac-frac water \$ 00.00  
B 0.00  
B \$0.00  
Moody Cons \$600.00  
Teters rousta \$400.00

Engine inventory  
Series 60 525 hp. 25 gallons diesel  
Rig pump Series 60 450 hp. 0- gallon diesel  
accumulator 2—11 hp Honda, gas

1/21/14 Tuesday

TP 225 psi, SWI, Killed tbg. ND top section, Changed out tbg hanger lock down pins. NU BOP, Changed out 1 pipe ram door. Set Wet diffuser Flowback tank. RU to pull tbg hanger, pulled hanger, static tbg weight 40,000, tbg Free. SICP 400 psi, Flowed casing to sales, Left tbg SI.

Daily cost \$8110.00  
snow con \$1500.00  
Rig cost \$4360.00  
Blac-frac trk \$350.00  
Gonzo water \$700.00  
Teters trking \$400.00  
Cameron \$800.00  
Moody Cons \$00.00  
Teters rousta \$800.00

Engine inventory  
Series 60 525 hp. 20 gallons diesel  
Rig pump Series 60 450 hp. 10 gallon diesel  
accumulator 2—11 hp Honda, gas

1/22/14 Wednesday

TP 440 psi, CP 250 psi flowing to sales. RU tubo scope, killed tbg with 20 bbls. POOH, scanned tbg. Laid down 128 jts, (36 blue, 55 green, 37 red) Recovered 139 jts that scanned yellow. RD tubo scope. Killed well as needed. PU a 4-1/2 RBP, 4-1/2 HD packer. Tallied and RIH with 2-3/8 tbg. Set RBP at 4300' Set Packer at 3513' and tested casing and RBP to 2000 psi, Held OK. Set packer 4 additional depths, Tested casing and plug to 1500 psi with packer set at 2600'. Set Packer at 2467' tested 1500 psi, leak off to 0 psi in less than 1 minute. Tested annulus and injected at 1.4 bpm, 600 psi. Set packer at 2402' and 2337', tested annulus to 1000 psi with leak off to 0 psi in less than 1 minute. Set packer at 2272' and tested to 1200 psi, held OK. SWI, sdf night.

Vented 14.58 mcf to tank.

Daily cost \$13,660.00  
 snow con \$1500.00  
 Rig cost \$6760.00  
 Blac-frac trk \$0.00  
 Gonzo water \$700.00  
 Teters trking \$00.00  
 Vision tools \$2300.00  
 tubo scope \$2400.00  
 Teters rousta \$00.00

Engine inventory  
 Series 60 525 hp. 60 gallons diesel  
 Rig pump Series 60 450 hp. 30 gallon diesel  
 accumulator 2—11 hp Honda, gas

1/23/2014 Thursday

RU pump, Circulated down 4-1/2" casing and broke circulation out of surface pipe, 57 bbls. Stabilized rate at 1.75 bpm at 1000 psi. RIH with tbg to 3000'. Spotted 150# sand to bottom of tbg. POOH with tbg, laid down HD packer. PU and RIH with 4-1/2' 32A tension packer. Retested 4-1/2 annulus at 2334' to 1000 psi, bled off to 0 psi  
 Moved packer to 2302, tested to 1000 psi bled off to 500 psi  
 Moved packer to 2270', tested to 1000 psi and held.

Moved packer to 2568', tested down tbg to 1500 psi, held OK  
 Moved packer to 2525', tested down tbg to 1500 psi, held OK  
 Moved packer to 2485, tested down tbg to 1500 psi, held OK  
 Moved packet to 2464' tested down tbg to 1500 psi, bled off to 0 psi in 1 minute.  
 POOH with tbg and laid down packer. SWI, sdf night.

Daily cost \$12,910.00  
 snow con \$1500.00  
 Rig cost \$6260.00  
 Blac-frac trk \$350.00  
 Gonzo water \$500.00  
 Teters trking \$00.00  
 Vision tools \$4300.00  
 tubo scope \$00.00  
 Teters rousta \$00.00

Engine inventory  
 Series 60 525 hp. 60 gallons diesel  
 Rig pump Series 60 450 hp. 30 gallon diesel  
 accumulator 2—11 hp Honda, gas

1/24/14 Friday

RU RMWS, Perforated 2 squeeze holes at 2500'. RIH with 4-1/2" 32A tension packer. Set packer at 2204'. RU pump, broke circulation pumping down tbg and taking returns up Surface pipe (3 bpm at 500 psi) Treated water with corrosion inhibitor. RU Halliburton to pump squeeze. Mixed and pumped 100 sks with 3% cacl-2 and tailed in with 100 sks w/.5% CFR-3 mixed at 17 ppg. SI surface pipe after pumping 31 bbls slurry. Pump in pressure 600 psi at 1 bpm, pressure broke back to 50 psi, lowered rate to ¼ bpm and displaced cement to packer. Staged cement for 1 hr, 20 minutes, and worked pressure back up to 250 psi, Pressure on

surface followed pump pressure. Reversed out tbg, Stripped packer up hole 60' and SWI for 1 hr. Bled off well pressure, Surface csg stayed pressured up (110 psi.) POOH with tbg and laid down packer. Left well SI for the weekend.

Daily cost \$25,360.00  
snow con \$1500.00  
Rig cost \$5760.00  
Blac-frac trk \$0.00  
Gonzo water \$500.00  
Teters trking \$00.00  
Vision tools \$2300.00  
Halliburton \$15,300.00  
Teters rousta \$00.00

Engine inventory  
Series 60 525 hp. 70 gallons diesel  
Rig pump Series 60 450 hp. 20 gallon diesel  
accumulator 2—11 hp Honda, gas

1/27/14 Monday

PU, RIH with 3-7/8" bit, 4 drill collars, tbg. Tagged at 2213'. RU to Drill, Reverse circulated and drilled cement to 2359'. (1-1/2 hrs per jt.) Pressure tested casing to 500 psi, held ok. Resume drilling, drilled to 2390'. SWI, sdfn.

Daily cost \$10,860.00  
snow con \$1500.00  
Rig cost \$7560.00  
Blac-frac trk \$0.00  
Gonzo water \$00.00  
Teters trking \$00.00  
Vision tools \$1800.00  
Halliburton \$00.00  
Teters rousta \$00.00

Engine inventory  
Series 60 525 hp. 50 gallons diesel  
Rig pump Series 60 450 hp. 50 gallon diesel  
accumulator 2—11 hp Honda, gas  
Power Swivel 200 hp. 40 gallons diesel

1/28/14 Tuesday

Reverse circulate and drilled cement to 2459' Pressured well to 500 psi, held ok. Continued drilling, drilled out of cement at 2526' and stringers for additional 20'. Pressure tested to 500 psi and suffered 10 psi leak off in 10 minutes. RIH to tag and reversed 40' of fill of RBP set at 4300'. POOH with tbg, laid down drill collars and bit. RU RMWS, Pulled CBL from 2790 to 2000'. Cement fill up from 2500' to 2200'. With some cement down hole 2590' to 2630'. RD RMWS, sdfn.

Daily cost \$12,110.00  
snow con \$1500.00  
Rig cost \$7460.00  
Blac-frac trk \$0.00  
Gonzo water \$00.00  
Teters trking \$00.00  
Vision tools \$1200.00  
RMWS, log \$1950.00  
Teters rousta \$00.00

Engine inventory  
Series 60 525 hp. 60 gallons diesel  
Rig pump Series 60 450 hp. 50 gallon diesel  
accumulator 2—11 hp Honda, gas  
Power Swivel 200 hp. 30 gallons diesel