



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 3		Report Date: 9/12/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:		SPM:		Measured Depth:	
Liners	Stroke Length (in.):	GPM		PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
<p>06:00 Crew change. Hold Safety Meeting and Perform JSA. RU and break circulation at 3 bpm at 100#. 07:00 RU Power Swivel and start washing down 3 jts 2-7/8" J-55 tbg and swiveling in hole with BHA and 26 jts 2-7/8" J-55 tbg to 987'. Circulate hole clean. Swivel in hole with BHA and 44 jts 2-7/8" J-55 tbg to 1581'. Circulate hole clean at 3 bpm at 200#. 11:30 Lay down 2 jts 2-7/8" J-55 tbg. TOOH standing back to derrick with 42 jts 2-7/8" J-55 tbg and 4 3-1/2" Drill Collars. Lay down step bit. 14:00 Waiting on orders. 15:00 SWI. SDFN. (Well started circulating back on outside of Surface Casing while circulating hole clean at 1581'.)</p>					
Tubing Detail:		Rod Detail:		Daily Costs:	
		Pump:			
Total: 0.00		Total: 0.00			



RIVAL SERVICES
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Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 2		Report Date: 9/11/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:		SPM:		Measured Depth:	
Liners	Stroke Length (in.):	GPM		PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
<p>7:00 A.M. Road rig to location. 11:00 MIRU Brigade Rig #94 and support equipment. Set pumps & tanks. Fill 2 frac tanks with fresh water. Make up drilling flange on wellhead. NU 11"x 7" spool, 7" mud cross & 5K BOP's. 18:00 RU pump and lines. Test BOP's to 3000#. Held OK. SHUT DOWN FOR RAIN AND LIGHTNING FROM 17:30 TO 19:00, 19:30 TO 20:00, 20:20 TO 21:00. FINISHED RUNNING LINES 12:30 PU & TIH 6-1/8" Rock Bit, Bit Sub with Float Valve, 1 3-1/2" Drill Collar. Start drilling out cement plug at 5'. 1:00 DRILLED OUT CEMENT PLUG. 1:30 PU 3 3-1/2" DRILL COLLARS. 2:30 TIH TO 194', ROLL THE HOLE CLEAN. CLOSED BOPS AND PRESSURE TEST TO 250 PSI, HELD FOR 15 MMINUTES AND RELEASED. 3:00 TIH TO 359', ROLL THE HOLE CLEAN. 3:30 TOO H TO DERRICK, LD 6-1/8 ROCK BIT, PU 6-1/4" STEP BLADE BIT, BIT SUB AND TIH WITH 4 3-1/2" DRILL COLLARS AND 14 JOINTS OF 2-7/8" J-55 TUBING TO 657'. RU SWIVELAND WASHINGTON HEAD RUBBER.</p>					
Tubing Detail:		Rod Detail:		Daily Costs:	
Pump:					
Total: 0.00		Total: 0.00			



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 4		Report Date: 9/13/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:		SPM:		Measured Depth:	
Liners	Stroke Length (in.):	GPM		PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
<p>11:00 Drove to location and had meeting wit BLM over location issues.</p> <p>12:00 Hold Safety Meeting and Perform JSA. Lay down 4 3-1/2" Drill Collars from derrick. NDBOP's. Find cement inside 8-5/8" csg.</p> <p>13:00 PU & TIH with 7-7/8" Rock Bit, Bit Sub with Float Valve, 1 3-1/2" Drill Collar. NUBOP's. Start drilling out cement sheath on inside of 8-5/8" csg at 5', and drill down with 6 jts 2-7/8" tbg to 232'. TOOHH laying down 6 jts 2-7/8" J-55 tbg, 1 3-1/2" Drill Collar, and 7-7/8" Bit.</p> <p>18:00 Crew Change. PU 8-5/8" Packer and TIH to 200'. Set the packer, load the backside and pump down the casing, Started getting returns on the outside of the casing. TOOHH to 100', set the packer, load the backside and pump down the casing, started getting returns on the outside of the casing. TOOHH to 30', set the packer, load the backside and pump down the casing, started getting returns on the outside of the casing. TOOHH and LD packer. Looked down casing and appears to be a bad spot in the surface casing. Lowered My I Phone down the casing and took video of bad spots in the casing below where the surface casing was connected to bring to ground level.</p> <p>20:00: NU BOP's, TIH the hole with tubing and Drill Collars, TOOHH and LD tubing and Drill Collars.</p> <p>21:30: ND BOP's. RD workover rig and move equipment away from the wellhead;</p> <p>2:00: Secure locations. Crew travel home.</p>					
Tubing Detail:		Rod Detail:		Daily Costs:	
		Pump:			
Total: 0.00		Total: 0.00			



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 5		Report Date: 9/14/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:			SPM:		Measured Depth:
Liners	Stroke Length (in.):		GPM	PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
06:00 Hold Safety Meeting and Perform JSA.					
07:00 Move in Champion Backhoe and dig out around surface casing. Casing is eat up down the east side of casing. We have dug down to the length that the extend a hoe can reach. Filled casing with rig pump. Fluid coming out of side of hole not up beside casing. 10:30 Back fill around Surface Casing. 11:30 RU Brigade Rig #94. 13:30 PU and TIH 6 jts 2-7/8" tbg and 8-5/8" Retrievable Bridge Plug and set at 203'. TOO H 6 jts 2-7/8" J-55 tbg. LD Rertrieving Head. PU and TIH with 8-5/8" Packer with 5 jts 2-7/8" J-55 tbg and set the packer at 179'. Pump down tbg at 1-1/2 bpm at 0# for 20 bbls between plug and packer. No pressure . No returns to surface. TOO H 2 jts and set packer at 113'. Pump down tbg at 1-1/2 bpm at 0# for 20 bbls between plug and packer. No pressure . TOO H and LD Packer. 16:00 TIH with Retrieving Head. Release RBP. Move RBP up hole and set RBP at 185'. TOO H and LD Retrieving Head. PU and TIH with 8-5/8" Packer with 5 jts 2-7/8" J-55 tbg and set the packer at 179'. RU isolation valve and test down tbg between packer and csg. Good test to 350#. TOO H and set Packer at 145'. Test down tbg. Held OK. TOO H and set Packer at 112'. Test down tbg. Held OK TOO H and set Packer at 79'. Test down tbg. No hold. TOO H and LD packer, TIH with retrieving head and release RBP. TOO H to 79' and try to set RPB with no success. TOO H and LD RBP. PU Packer and TIH to 79', set packer and test the back side, test failed, pumping into the leak at 2 BPM at 10 psi. TOO H and LD packer. Get ready to run 5-1/2" liner. Secure location. Crew travel home.					
Tubing Detail:		Rod Detail:		Daily Costs:	
		Pump:			
Total: 0.00		Total: 0.00			



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 6		Report Date: 9/15/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:		SPM:		Measured Depth:	
Liners	Stroke Length (in.):	GPM		PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
<p>06:00 Hold Safety Meeting and Perform JSA. Prepare to run 5-1/2" liner. 08:00 Install 8-5/8" X 5-1/2" Casing Head. RU casing equipment. TIH with Basic 5-1/2" 15.5# Guide Shoe and 6 jts 5-1/2" 15.5# J-55 casing landed with BOC at 253.33'. 11:45 MIRU Basic Cementers. Mix and pump 83 sacks, 17 bbls Class "G" Cement with 2% CaCl with 1.15 yield, 15.8# per gallon with 4.99 gal/sack water from surface to 252'. Displace with 5.8 bbls water and bump plug and pressure up to 530#. SWI. Wash up and rig down move off Basic Cementers. Secure location. Crew travel home. 18:00 Crew change. Bleed pressure off 5-1/2" casing with no flowback. ND Cement Head. NU 5-1/2" wellhead, 7-1/16" x 5K flange, 7-1/16" 5K BOPs, NU Bird Bath and Washington Head. PU 4-3/4" Rock bit, bit sub and TIH with 4 3-1/2" Drill Collars, change over to 2-7/8" EUE tubing and 4 joints of 2-7/8" tubing amd tagged up at 237'. RU Power Swivel. RU Hydrotester. Pressured casing up to 500 psi and had a slow leak. Found lean in flange under the BOP's. Repaired leak. Pressured casing again to 500 psi, waited 30 minutes and the pressure dropped to 453 psi. Test witnessed by BLM inspector Sherman Gray Passed pressure test at 10:00 PM. TIH and start drilling cement. Drilled out from under the liner and TIH down to 590'. 1:00 TOO and LD collars, bit and but sub. 2:15: PU 2-7/8" Notched Collar and TIH with 17 joints to 561', stacked out. RU pump and circulated the hole for 15 minutes. Circulate down with 29 jts 2-7/8" J-55 to 971'. 06:00 Crew Change.</p>					
Tubing Detail:		Rod Detail:		Daily Costs:	
		Pump:			
Total: 0.00		Total: 0.00			



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 7		Report Date: 9/16/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:		SPM:		Measured Depth:	
Liners	Stroke Length (in.):	GPM		PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
<p>06:00 Hold Safety Meeting and Perform JSA. Continue to swivel in and circulate down w/ 175 jts 2-7/8" J-55 to 5774' circulating bottoms up every 40 jts. 18:00 Crew change. Pipe wouldn't rotate or go down. TOOH and LD 12 joints to 5379' and brake circulation. Still can't rotate or go down. Circulate the hole for 30 minutes. Still cant rotate or go down. LD Power Swivel, TOOH and LD 12 joints. RU Power swivel, broke circualtion and tried to rotate and go down with no success. LD PS, TOOH and LD 20 joints of tubing. RU Power swivel, broke circualtion and started rorating pipe, swivel down joint 145, good circulation, good rotation. Started swiveling joints in the hole. Wash down to 5267' and started torquing up again (still have good circulation). Work pipe to get to rotate with no success. LD 6 joints of tubing and lost torque and pipe was free, work pipe and circulate. Started getting torquely again. Start LD tubing. LD 2-7/8" thg to 4785'. Pipe is rotating freely. 06:00 Shift change.</p>					
Tubing Detail:		Rod Detail:		Daily Costs:	
		Pump:			
Total: 0.00		Total: 0.00			



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 8		Report Date: 9/17/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:		SPM:		Measured Depth:	
Liners	Stroke Length (in.):	GPM		PBTB 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
06:00 Hold Safety Meeting and Perform JSA. Continue to circulate and condition hole on jt #146 between 4785' and 4818' circulating bottoms up. Continue circulating while waiting on plugging orders. Circulation and rotation started dwindling. Shut drow and rotate 2 jts out of hole. Lost circulation. 9:30 TOO H rotating and swiveling down 2-7/8" tbg with partial rotation and circulation at times pulling up to 80,000# having to work tbg out of hole. Acts like something riding between tbg and open hole. 15:30 With 109 jts in at 3599' we finally brkoe circulation and rotateion came back. Circulate hole clean pumping 3.5 bpm at 100#. 17:00 Start TIH swiveling and circulating with a total of 120 jts 2-7/8" J-55 tbg to 3962'. Crew change. 6:00 wash down to 4686', circulate the hole for 30 minutes. RU Cementers Well Service pump truck. Pump 10 bbls of fresh water and 60 sacks (12.2 bbls) of Class G cemnent with 1% Calcium Chloride, mixed at 15.8 ppg. The cement was displaced with 26 bbls of 9.4# drilling mud, plug down at 11:00 PM on 9/17/19. TOO H and LD 6 joints pulling 30 seconds per joint, tubing pulled dry. TOO H and LD 24 more joints of tubing (30 total out of the hole). Establish circulation and circulate the hole for 3:30. TIH and tag cement at 4538' at 03:15. TOO H to 3204', Pump 10 bbls of fresh water and 60 sacks (12.2 bbls) of Class G cemnent with 1% Calcium Chloride, mixed at 15.8 ppg. The cement was displaced with 18 bbls of 9.4# drilling mud, plug down at 05:00 PM on 9/18/19. TOO H and LD 6 joints pulling 30 seconds per joint, tubing pulled dry. TOO H and LD 24 more joints of tubing (30 total out of the hole).					
Tubing Detail:		Rod Detail:		Daily Costs:	
Pump:					
Total: 0.00		Total: 0.00			



RIVAL SERVICES
BISON OIL & GAS II, LLC



Well Name & No.: TRUEBLOOD-SKEETERS #1-13		Report #: 9		Report Date: 9/18/2019	
County: Weld	State: CO	Rig: BRIGADE #94		API Number: 05-123-09270	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 220'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:			SPM:	Measured Depth:	
Liners	Stroke Length (in.):		GPM	PBTD 6930'	
Bit Information				Date of Last Fluid Level:	
Daily Activity:				Supervisor: Chandler/Schneider	
06:00 Hold Safety Meeting and Perform JSA. Establish circulation and circulate the hole for 3:30. 09:30 TIH and tag cement at 3183'.					
Lay down tag jt and install 2-7/8" X 8' N-80 pup jt and EOT at 3178' RU Cementers Well Service Inc. Re-pumping plug 3183'to 3100'.					
10:00 Pump 10 bbls of fresh water and 60 sacks (12.2 bbls) of Class G cement with 1% Calcium Chloride, mixed at 15.8 ppg. displaced with 18 bbls of 9.4# drilling mud, plug down at 10:30 AM on 9/18/19. TOO H and LD 6 joints pulling 30 seconds per joint, tubing pulled dry. TOO H and LD 24 more joints of tubing (30 total out of the hole). Establish circulation and circulate the hole for 3:30.					
14:00 TIH and tag cement at 3109'. 15:50 Pump 10 bbls of fresh water and 10 sacks (2 bbls) of Class G cement with 1% Calcium Chloride, mixed at 15.8 ppg. The cement was displaced with 17 bbls of 9.4# drilling mud, plug down at 10:30 AM on 9/18/19. 16:00 TOO H and LD 6 joints pulling 30 seconds per joint, tubing pulled dry. TOO H and LD 40 more joints of tubing (46 total out of the hole).to 1686'.					
17:00 RU Cementers Well Service Inc. Pump 10 bbls of fresh water and 120 sacks (24.5 bbls) of Class G cement with 1% Calcium Chloride, mixed at 15.8 ppg. The cement was displaced with 8 bbls of 9.4# drilling mud. TOO H and LD 30 joints of tubing, established circulations and circulate the hole for 1 hour. Shut down and wait for 3 hours (4 total). PU tubing and tag at 1474'. LD tubing to 914'. RU cementers and 10 bbls of fresh water, 120 sacks (24.5 bbls) of class G cement with 1% Calcium chloride mixed at 15.0 PPG. Displace the cement with 4 bbls of drilling mud. TOO H and LD 15 joints of tubing, established circulation and circulate the hole for 1 hour. Wait 3 hours, TIH and tag cement at 805', RU cements and pumped 10 sacks of cement, TOO H to 518, mix and pump 283 sack of cement, returns to surface. LD tubing.					
Tubing Detail:		Rod Detail:		Daily Costs:	
		Pump:			
Total: 0.00		Total: 0.00			