



Robert L. Bayless, Producer LLC

**WORKOVER REPORT
GOVERNMENT POHLMAN #1
MANCOS
MOFFAT COUNTY, COLORADO
NWNW Section 15 – 4N – 91W
Surface Location: Latitude 40.32645 N, Longitude 107.60041”
API No. 05-081-05169
June 17, 2014**

CONTACT INFORMATION:

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ELEVATION:

K.B. – **6,988’** G.L. – **6,985’** (KB = **3’**)

CASING:

10-3/4” 40.5# J-55 ST&C	10.050” ID, 9.894” Drift	From Surface – 106’
Burst: 3,130 psi	Collapse: 1,580 psi	Capacity: 0.0981 bbls/ft
7” 20# J-55 LT&C	6.456” ID, 6.331” Drift	From Surface – 2,476’
Burst: 3,740 psi	Collapse: 2,270 psi	Capacity: 0.0393 bbls/ft
5.5” 15.5# J-55 LT&C	4.950” ID, 4.825” Drift	From Surface – 2,150’
Burst: 4,350 psi	Collapse: 4,040 psi	Capacity: 0.0238 bbls/ft
5.5” ?	?	2,170’ – 3,140’

Tubing:

2 3/8” 4.6# J-55 LTC	1.995” ID, 1.901” Drift	From Surface – 3,028’
Burst: 7,700 psi	Collapse: 8,100 psi	Capacity: 0.00387 bbl/ft

Rods:

Polish Rod	1 1/4”	16 ft
Pony Rods	3/4”	22 ft
Rods	3/4”	2975 ft
<u>Pump 2”x1-1/2”x12’</u>		<u>12 ft</u>
Total		3028 ft

PBTD: 3,161'

PRESENT
CONDITION: Producing

DIRECTIONS: From Craig Drive 14 Miles south to Hamilton. Turn Left on CR 39 to location.

OBJECTIVE: To permanently repair casing leaks in 7" casing and provide isolation from water production

DETAILED REPORT:

06/05/2014

Moved in an rigged up Basic Rig 1244. Unseated pump and tripped out of hole with Rods as follows:

Polish Rod	1 ¼"	16 ft
Pony Rods	7/8"	2 ft
Rods	¾"	2975 ft
<u>Pump 2"x1-1/2"x12'</u>		<u>12 ft</u>
Total		3005 ft

Dropped standing valve and pressure tested tubing to 800 psi. Test Failed. Tripped out of hole with tubing and found hole on bottom joint. Picked up Power swivel and crossed over to 4 ½" casing. Attempted to unseat 4 ½" x 7" Packer. Picked up 24 ft joint of 4 ½" casing and worked pipe. Could not unset and landed casing 21 ft deeper in hole. Secured well and shut down for night.

06/06/2014

Move in fishing hand. Pick up internal mechanical 4 ½" casing cutter with 2 3/8" cross over sub and 3 7/8" stabilizer. Trip in hole and cut casing 10 ft above packer. Trip out of hole with free 4 ½" casing and lay down. Return 2,100 ft of 4.5" 11.6# casing to Rangely, CO yard for inspection and inventory. Secure well and shut down for night.

06/07/2014

Move in rig up air foam unit. Move in 2,300 ft of 2 7/8" rental tubing. Pick up 5 ¾" rotary shoe with 6" ID 1 jt of 5 ¾" wash pipe 3 ¾" jars and 6 3 ½" drill collars and trip in hole and tag top of fish at 2,119 ft. Attempted to wash over fish and tagged up on collar above packer. Torqued out and could not wash over fish. Tripped out of hole and ordered our 6" ID shoe and extra joint of wash pipe. Shut down for night.

06/08/2014

Made up new 6" shoe with extra joint of wash pipe. Tripped in hole and tagged top of fish at 2,119'. Slide over fish to top of packer at 2,154'. Milled over fish to 2,172' Circulated hole. Milled total of 2 ft.. Stood back tubing to top of drill collars and shut down for night.

06/09/2014

Stand back drill collars and washpipe. Pick up spear with 2.010" Grapple 3 ¾" jar and 6 – 3 ½" drill collars and trip in hole to top of fish at 2,119'. Latched fish and pulled packer free. Tripped out of hole with fish and tools. Lay down fish and release tools. Secure well and shut down for night.

06/10/2014

Move in and rig up wireline truck. Pick up 7" weatherford composite bridge plug and trip in hole with wireline. Tagged top of liner at 2,172' Pulled up to 2,160' and set plug. Pulled out of hole and released

wireline. Moved in 5.5" 15.5 #/ft J-55 casing. Rigged up casing crew, made up float shoe and tripped in hole with 5.5" casing to 2,155' and land in slips. Secured well and shut down for night.

06/11/2014

Rig up cement pump truck. Pump 90 bbls of fresh water at 5 bbl/min and broke circulation. Cement 5.5" casing with 315 sks (103 bbl) 12.7#/gal cement. Lost circulation 80 bbls into job and dropped rate to 2 bbl/min. Caught partial returns. Dropped plug and displaced with 51 bbls of water. Landed plug at 480 psi and pressured up to 850 psi to test casing. Good test. Rigged down cementers and WOC.

06/12/2014

Moved in wireline. Picked up CBL tool and tripped in hole and tagged plug at 2,146 ft. Logged and found cement top at 200'. Shut down for Rig repair. Tripped in hole to 2,146 ft with 4 3/4" and drilled wiper plug and cement shoe to 2,154 ft. Shut down for night.

06/13/2014

Moved in air unit and drilled cement and composite bridge plug to 2,169'. Tagged top of liner and could not drill past liner. Tripped out of hole and laid down 4 3/4" bit. Tripped in hole open ended and tagged fill at 2,169'. Tripped out of hole and picked up 3 7/8" bit. Tripped in hole and drilled to 2,172' and fell through. Tripped to 2,187' and tagged bridge. Tripped to 2,140 ft and shut down for weekend.

06/16/2014

Tripped in hole and tagged bridge at 2,187'. Drilled to 2,190' and fell through. Tagged plug at ~2,400'. Tripped out of hole with bit and tripped in hole open ended and tagged bridge at ~2,400 ft. Tripped out of hole and picked up 3 7/8" bit. Drilled and chased plug to 2,940'. Tripped out of hole to above shoe and shut down for night.

06/17/2014

Drilled bridge and chased to 3,115 ft. Fell through bridge and tripped in hole to 3,160 ft with no tag. Circulated hole clean with air foam. Tripped out of hole and laid down 2 7/8" tubing. Released tubing, air unit and tank. Trip in hole with 2 3/8" tubing to ~3030' and shut down for night.

6/18/2014

Swab well from 2000' with sucker rod for weight. Cups stopped at 2000'. Tripped out of hole with tubing to check for paraffin. Trip in hole with tubing as follows:

2 3/8" Tubing pup joints	28 ft
95 2 2/8" Tubing joints	2963 ft
SN	1 ft
<u>Tail Joint</u>	<u>30 ft</u>
	3,028 ft

Nippled down BOP and NU Wellhead. Shut down and wait for hot oil truck.

6/18/2014

Flushed tubing with 30 bbl of hot oil. Trip in hole with pump and rods as follows:

Polish Rod	1 1/4"	16 ft
Pony Rods	3/4"	20 ft
Rods	3/4"	2975 ft
<u>Pump 2"x1-1/2"x12'</u>		<u>12 ft</u>
Total		3028 ft

Strip in hole on joint of 2 3/8 tubing 31 ft. Tested tubing to 400 psi. Shut down and move out.