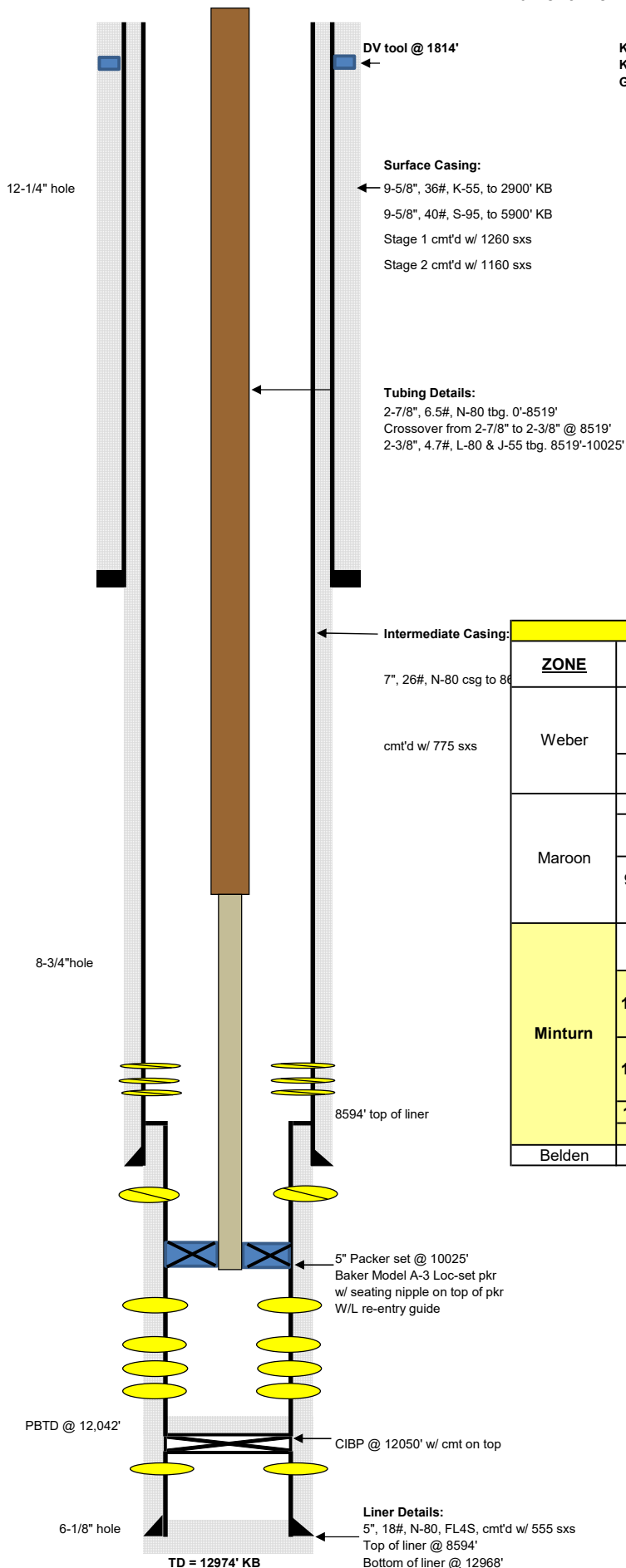




Wilson Creek Unit #66
Rio Blanco Colorado
Current Well Schematic as of 09/21/20

API: 05-103-09127
Legals: Sec 34 - T3N - R94W
1484' FNL & 1151' FWL (SW NW)
Field: Wilson Creek
Spud: 3/12/1984
Completed: 3/13/1985



FM NAME MD VALUE

MANCOS	1250
NIOBRARA	4180.08782
FRONTIER	5853
MOWRY	6196
DAKOTA	6270.00773
MORRISON	6394.35892
SUNDANCE	6919.02514
TD	12974

PERFORATION HISTORY

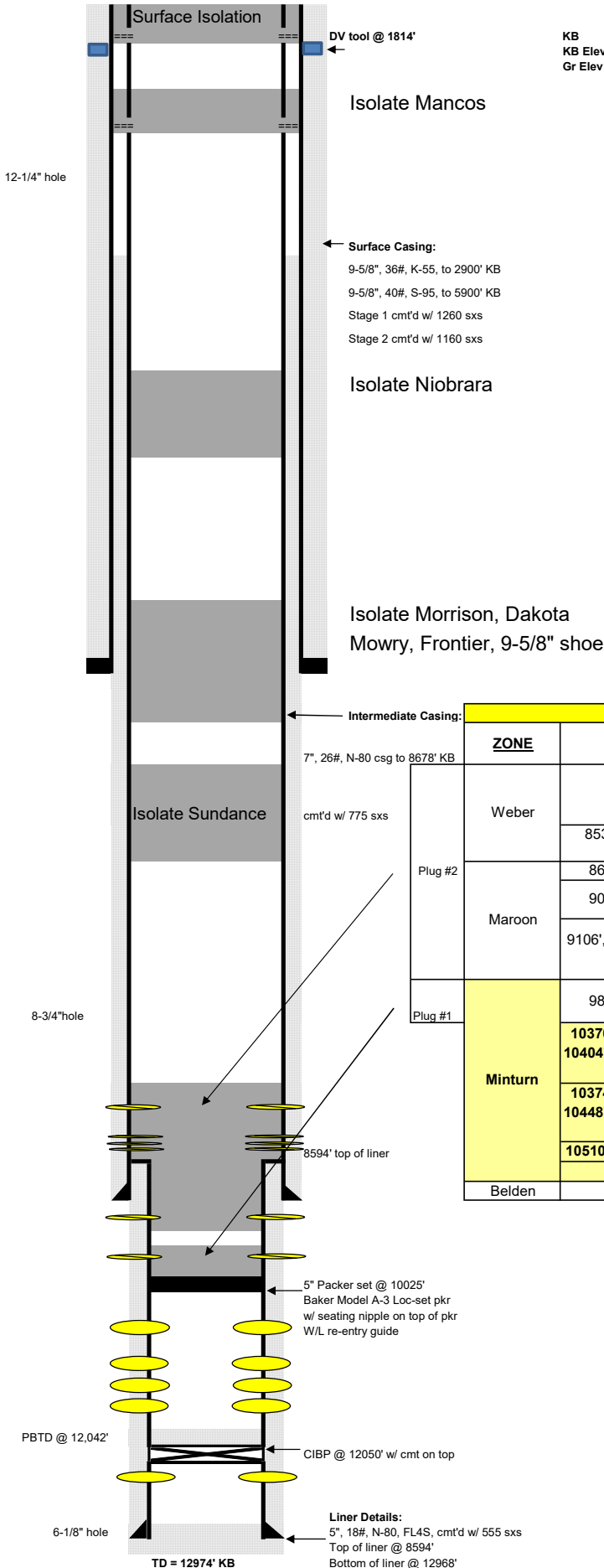
ZONE	INTERVAL	HOLES	STATUS
Weber	8371'-8404'	2 jspf	Cement squeezed w/ 150 sxs, reperforated @ 2 jspf, resqueezed w/ 150 sxs
	8531'-8542', 8554'-8562', & 8568'-8574'	2 jspf	Cement squeezed w/ 150 sxs
Maroon	8612'-8634' & 8650'-8672'	2 jspf	Cement squeezed w/ 150 sxs
	9004'-9018' & 9024'-9044'	1 jspf	Cement squeezed w/ 109 sxs, resqueezed w/ 450 sxs
	9106', 9110', 9117', 9127', 9137', & 9142'	2 jspf	Cement squeezed w/ 250 sxs, reperforated @ 1 jspf, resqueezed w/ 150 sxs
Minturn	9804'-9812' & 9852'-9868'	1 jspf	Squeezed w/ 150 sxs, resqueezed w/ 125 sxs
	10370', 10376', 10382', 10386', 10404', 10408', 10424', 10428', & 10431'	1 jspf	Open
	10374', 10378', 10405', 10426', 10448', 10456', 10468', 10481', & 10488'	1 jspf	Open
	10510', 10514', 10524', & 10530'	1 jspf	Open
	10606'-10638'	2 jspf	Open
Belden	12081'-12101'	2 jspf	Isolated w/ CIBP @ 12050'

Prepared by: RMizell
Date: 9/21/2020



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Maroon	8612'-8634' & 8650'-8672'	2 jspf	Cement squeezed w/ 150 sxs
	9004'-9018' & 9024'-9044'	1 jspf	Cement squeezed w/ 109 sxs, resqueezed w/ 450 sxs
	9106', 9110', 9117', 9127', 9137', & 9142'	2 jspf	Cement squeezed w/ 250 sxs, reperforated @ 1 jspf, resqueezed w/ 150 sxs
Minturn	9804'-9812' & 9852'-9868'	1 jspf	Squeezed w/ 150 sxs, resqueezed w/ 125 sxs
	10370', 10376', 10382', 10386', 10404', 10408', 10424', 10428', & 10431'	1 jspf	Open
	10374', 10378', 10405', 10426', 10448', 10456', 10468', 10481', & 10488'	1 jspf	Open
	10510', 10514', 10524', & 10530'	1 jspf	Open
	10606'-10638'	2 jspf	Open
Belden	12081'-12101'	2 jspf	Isolated w/ CIBP @ 12050'

**Wilson Creek Unit #66
Rio Blanco Colorado
Current Well History as of 09/21/2020**

<u>Date</u>	<u>Event</u>
3/12/1984 - 6/13/1984	<p>Spud well & drilled to TD of 12974'.</p> <p>Ran 5907' (143 jts) 9-5/8", 40#, S-95 LTC & 36#, J-55 ST&C casing. Landed @ 5900'. w/ DV tool @ 1814'. Cmt'd w/ 1260 sxs. Opened DV Tool, cmt w/ 910 sxs. Ran 1" to 200' and cemented w/ 250 sxs to surface.</p> <p>Ran 8707' (216 jts) 7", 26#, N-80 LT&C casing. Landed @ 8678', cemented w/ 775 sxs.</p> <p>Ran 4353 (108 jts) of 5", 18#, N-80 FL4S casing. Landed @ 12968', top of liner @ 8594'. Cemented w/ 340 sxs.</p>
6/23/1984 - 3/13/1985	<p>Completion:</p> <p>Tested Belden, Minturn, Maroon, and Weber Formations.</p> <p>Final completion in Minturn Formation</p> <p>Ran CBL/GR/CCL log from 12200' to 6000'. Found 5" liner cement top @ 9520' and 7" cement top @ 8210'.</p> <p>Perforated 5" liner @ 9040' w/ 4 way squeeze shot.</p> <p>Squeezed 5" liner top through pefs @ 9040' w/ 65 sxs cmt. (Est toc @ 9003')</p> <p>Resqueezed 5" liner top w/ 150 sxs cmt. (Est toc @ 8584')</p> <p>Perforated Belden Formation @ 12081'-12101' w/ 2 jspf, 0.38" holes and acidized w/ 2100 gals 15% HCL.</p> <p>Set cast iron bridge plug @ 12050'. Dumped 1 cu ft cement on CIBP (PBTD @ 12042'). Perforated Minturn 10606'-10638' w/ 2 jspf. Acidize w/ 11 bbls 15% HCL.</p> <p>Perforated Minturn Formation @ 10606'-10638' w/ 2 jspf, 0.38" holes and acidized w/ 76 bbls 15% HCL.</p> <p>Perforated Minturn Formation @ 10510', 10514', 10524', and 10530' w/ 1 jspf, 0.38" holes and acidized w/ 48 bbls 15% HCL.</p> <p>Perforated Minturn Formation @ 10374', 10378', 10405', 10426', 10448', 10456', 10468', 10481', & 10488' w/ 1 jspf, 0.38" holes & acidized w/ 5000 gals 10% HCL & 10 sealer balls.</p> <p>Perforated Minturn Formation @ 10370', 10376', 10382', 10386', 10404', 10408', 10424', 10428', & 10431' w/ 1 jspf, 0.38" holes.</p> <p>Perforated Minturn Formation @ 9804'-9812', 9852'-9868' w/ 1 jspf, 0.38" holes and acidized w/ 1600 gals 15% HCL (9804'-9868'), and 800 gals 15% HCL (9804'-9812'). Cement squeezed 9804'-9868' w/ 150 sxs class "G" cement.</p> <p>Perforated Maroon Formation @ 9106', 9110', 9117', 9127', 9137', & 9142' w/ 1 jspf, 0.38" holes. Acidized w/ 500 gal 15% HCL followed w/ 60 bbls 15% Hcl & 10 sealer balls. Cement squeezed 9106'-9142' w/ 250 sxs class "G" cement.</p> <p>Reperforated Maroon Formation @ 9106', 9110', 9117', 9127', 9137', & 9142' w/ 1 jspf, 0.38" holes. Acidized w/ 3000 gals 15% HCL. Cement squeezed 9106'-9142' w/ 150 sxs class "G" cement.</p> <p>Perforated Maroon Formation @ 9004'-9018' and 9024'-9044' w/ 1 jspf, 0.38" holes. Acidized w/ 3600 gals 15% HCL w/ 50 sealer balls. Cement squeezed 9004'-9018' & 9024'-9044' w/ 109 sxs class "G" cement.</p> <p>Perforated Maroon Formation @ 8612'-8634' & 8650'-8672' w/ 2 jspf, 0.38" holes. Acidized w/ 4400 gals 15% HCL w/ 131 sealer balls. Cement squeezed 8612'-8634' & 8650'-8672' w/ 150 sxs class "G" cement.</p> <p>Perforated Weber Formation @ 8531'-8542', 8554'-8562', & 8568'-8574' w/ 2 jspf, 0.38" holes. Acidized w/ 2500 gals 15% HCL w/ 100 sealer balls. Cement squeezed 8531'-542', 8554'-8562', & 8568'-8574' w/ 150 sxs class "G" cement.</p> <p>Perforated Weber Formation @ 8371'-8404' w/ 2 jspf, 0.38" holes. Acidized w/ 3300 gals 15% HCL w/ 100 sealer balls. Cement squeezed 8371'-8404' w/ 150 sxs class "G" cement. Reperforated 8371'-8404' w/ 2 jspf. Acidized w/ 71.5 bbls 15% HCL. Pump test.</p> <p>Ran new rods and pump.</p> <p>Pump replacement.</p> <p>Cement squeezed Weber perforations @ 8371'-8404' w/ 150 sxs class "G" cement. Retested all cement squeezed.</p> <p>Resqueezed Maroon perforations @ 9004'-9044' w/ 150 sxs class "G".</p> <p>Resqueezed Maroon perforations @ 9004'-9044' w/ 150 sxs class "G". Resqueezed Maroon perforations @ 9004'-9044' w/ 150 sxs class "G".</p> <p>Resqueezed Minturn perforations @ 9804'-9868' w/ 75 sxs class "G" cement. Resqueezed Minturn perforations @ 9804'-9868' w/ 50 sxs class "G" cement.</p> <p>Drill out to 12042' PBTD.</p> <p>Ran WL re-entry guide, 5" Baker Model A-3 Lock-Set packer (10,025') w/ seating nipple, 2-3/8", 4.7#, J-55 & L-80 tubing, X-Over (8519') & 2-7/8" 6.5#, N-80 tubing. Swab well.</p>
5/23/1987	Ran Otis Type "D" mandrel & Type "E" regulator. Mandrel set @ 6497'.
5/29/1987	Removed Otis Type "D" mandrel & Type "E" regulator. Repaired and ran same back in hole. Regulator @ 6497'.

10/7/1987	Ran gauge ring to 4500'. Ran Otis Type "D" mandrel & Type "E" regulator set @ 4513'.
11/4/1987	Removed Otis Type "D" mandrel & Type "E" regulator @ 4513'. Ran pressure bomb to 6497'. Ran Otis Type "D" mandrel & Type "E" regulator set @ 6459'.
1/1/1988	Removed Otis Type "D" mandrel & Type "E" regulator @ 6459'. Regulator @ 6497' remained in hole.
8/15/1988 - 8/19/1988	Removed Otis Type "D" mandrel & Type "E" regulator @ 6497'. Ran pressure bomb. Ran regulator to 6494'.
3/8/1990	Remove Otis regulator @ 6494'.
7/20/1990 - 7/23/1990	Ran pressure gradient surveys & build-up survey.
3/10/1994 - 3/17/1994	Shut-in bottom hole pressure survey.
12/14/1998 - 12/16/1998	Ran pressure gradient surveys & build-up survey.
3/26/2007 - 4/2/2007	Ran CCL/GR & gauge for 1.62" stim guns. Log from 10650'-10200'. Ran propellant Stim guns and stimulate 10624'-10636', 10520'-10532', 10420'-10432', and 10372'-10384'.
7/13/2015	Changed out production tree valves & tubing head casing valves.
5/31/2018	Ran PLS slick line & fished bumperspring and tubing stop. Ran 2.30" gauge ring to 8538'. Ran blind box and Tag for fill @ 12206'. Set tubing stop and bumper spring @ 8525'.
9/14/20-9/18/20	Swabbed well.
12/14/20-12/15/20	Swabbed well. Encountered a restriction at around 8000 feet which would not allow swabbing down to the bumper spring at 8537'.

Set @ 10,025'	5" 18" Baker Model A-3 Tension w/5000# max
270	of 2 3/8 EUE Bld 6.5" N-80 S.N. Top of Packer
17	of 2 3/8 " 4.7" L-80 X-over 8519' KB±
31	of 2 3/8 " 4.7" J 55

NO. JTS.	BOTTOM OF STRING	LENGTH	DEPTH
	5" Baker Loc-Set Model "A" Tension		10,025'
	API 2 3/8 S.N.		
31	2 3/8 EUE 4.7" J 55 Tbg	992.78'	
17	2 3/8 EUE 4.7" L-80 Tbg	513.81'	
X-over 270	2 3/8 EUE 6.5" N-80 Tbg	8519'	