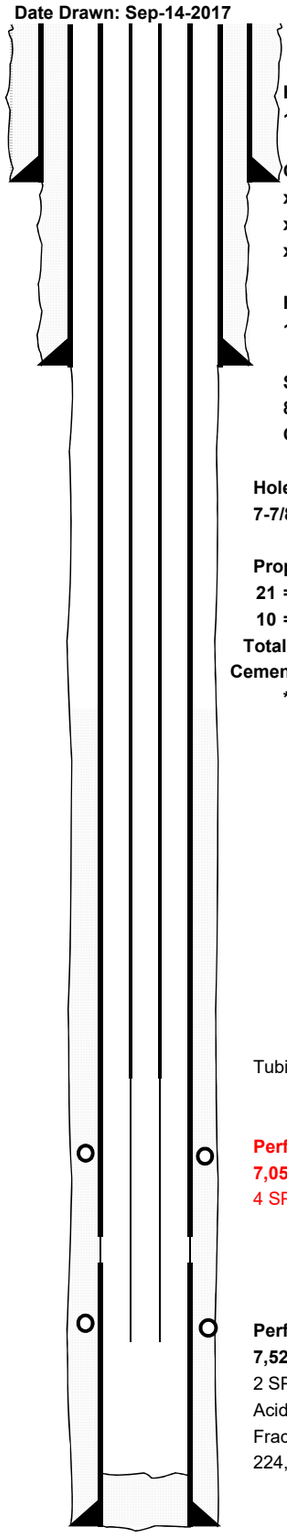
Well/Facility:	**State-Anderson 1-36**	**Well Status:**	**Existing**
Operator:	**Magpie Operating Inc**	**Formation:**	**J Sand Codell**
Lease/Op Agmt:		**Prod Interval:**	**7056'-7080' & 7526'-7553'**
Field:	**Johnson's Corner**	**API #:**	**05-069-06281**
County:	**Larimer**	**GR/KB:**	**4,892' / 4,903'**
State:	**CO**	**TD:**	**7,659'**
Spud:	**9/10/1987**	**PBTD:**	**7,420'**
Comp. Date:	**11/1/1987**	**WI:**	**100.00000%**
1st Prod:	**5/14/1988**	**NRI:**	
Xmas tree:	**8-5/8" x 4 -1/2" x 2-3/8", 3,000 psi**		
Surface Loc:	**815 FNL & 1915 FEL**		
Sec-Twn-Rge:	**NWNE 36-5N-68W**		
Comments:	**No record of any Niobrara perfs**		
	Need to safety prep for Johnson's Corner East Frac		
	Perforations in red are not reported to the state		
	No Annotated log showing any additional perfs.		

Date:	**History:**
11/1/1987	Perf Muddy J-Sand, 7526'-7553'
	Acidize w/ 500 gal 7.5% HCL
	Frac w/ 126,400 gals 2% X-link gel w/ 224,000# 20/40
	Set CIBP at 7420'
	Perf and frac Codell around Jan of 1997 7056-7080'
9/29/1997	Converted from rod pump to plunger lift
	Removed BP at some point to comingle well
	Workover Procedure:
1	MIRU, Nipple Up and Test BOP
2	Safety meeting. Unseat tubing and tag for PBTD. GENTLE!!
	Strap and Hydro Test out of the Hole… LD bad joints
	Hydrotest replacement joints as you pick up bad joints.
3	Bit and scraper run to 7,006' (50' above top perf)
4	Run CCL over Niobrara & Codell formation looking for perfs
5	PU wireline set CIBP and set ~50' above
	top of Niobrara. Load the hole & circulate 1.5 bottoms up
6	Pressure test casing & plug to 500 psi for 15 minutes
7	CBL from 1,000' to surface
8	Perf 2 SPF at 400' - 402'. Establish circulation. Max pressure
	is 400psi at surface. Can go to 600psi if needed.
11	MIRU cement crew and circulate cement to surface
	Pump down 4-1/2. Shut in after diaplacement
	Shut down for 25 hours.
13	Drill out wiper plug and cement w/ 3-7/8" step blade bit
14	CBL from 500' to surface
15	Hang tubing off 3 joints above the plug
16	RDMO

Date Drawn: Sep-14-2017



Hole Size
17-1/2"

Conductor
xx' KB
xx size, weight, grade
xx TOC

Hole Size
12-1/4"

Surface Csg @ 221'
8-5/8", 24#
Cement to surface 145 sx

Hole Size
7-7/8"

Proposed Squeeze at 400':
21 = Open Hole Volume 50% excess Annular E
10 = Casing volume annular BBL
Total volume in CF = 171 CF
Cement Volume in Sx= 132
****1.3 CF/SX yield**

Tubing: 2-3/8" set at 7517'

Perfs - Codell
7,056-7,080'
4 SPF 96 Shots

Perfs - J-Sand
7,526'-7553'
2 SPF, 55 Shots
Acidize 500 gal 7.5% HCl
Frac 126,400 gal 2% KCl x-Link
224,000# 20/40

Prod Csg @ 7,659'
4-1/2", 11.6# N-80
430 sx cement TOC = 5,942' CBL

Gologic Markers	
MD	
6,737	**Niobrara**
7,043	**Ft. Hays**
7,064	**Codell**
7,335	**Bentonite**
7,518	**J-Sand**

Tubing Detail			
	Length	**Top**	**Bottom**
		0	**0.00**
		0.00	**0.00**
		0.00	**0.00**
		0.00	**0.00**
		0.00	**0.00**
		0.00	**0.00**
		0.00	**0.00**

Rod Detail			
Length	**Description**	**Top**	**Bottom**
-		**0**	**0.00**
-		**0.00**	**0.00**
-		**0.00**	**0.00**
-		**0.00**	**0.00**
-		**0.00**	**0.00**
-		**0.00**	**0.00**
-		**0.00**	**0.00**
-		**0.00**	**0.00**

Pumping Unit:		**Gear Sheave:**	
API Designation:		**Stroke Length:**	
Samson Post SN:		**Gear Ratio:**	
Gear Box SN:		**SPM:**	
Structural Unbalance:		**Horse Power:**	
Power:		**Volts:**	
Power SN:		**Amps:**	
Sheave Size:		**Belts:**	