

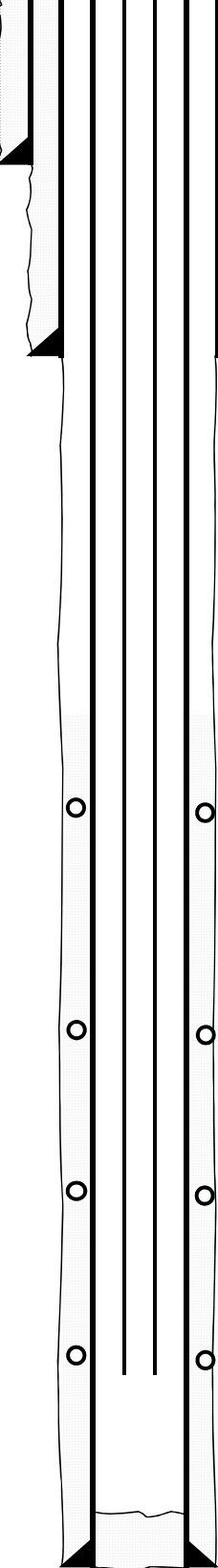
Well/Facility:	State-Anderson 2-36	Well Status:	Existing
Operator:	Magpie Operating Inc	Formation:	J / CD / NB
Lease/Op Agmt:		Prod Interval:	6,832' - 7,591'
Field:	Johnson's Corner	API #:	05-069-06286
County:	Weld	GR/KB:	4,944' / 4,955'
State:	CO	TD:	7,660'
Spud:	11/13/1987	PBTD:	7,642'
Comp. Date:	5/10/1988	WI:	100.00000%
1st Prod:	1/1/1999	NRI:	
Xmas tree:	8-5/8" x 4 -1/2" x 2-3/8", 3,000 psi		
Surface Loc:	735 FNL & 850 FWL		
Sec-Twn-Rge:	NWNW 36-5N-68W		
Comments:	Need to safety prep for Johnson's Corner East Frac		
	Perforations in red are not reported to the state		

Date:	History:
5/2/1988	Perf Myddy J-Sand, Acidize
5/3/1988	Frac Muddy J
11/1/1989	Service
6/29/1990	Perf Timpas Codell. BP @ 7,466' w/16' of sand
	Pkr 59' abover top perf. Acidize down tubing
7/2/1990	Frac Timpas Codell
7/6/1990	Well SI
7/23/1990	Service plunger
9/18/1990	Perf lower Nio, BP @ 7,065'
9/19/1990	Isolate, acidize, frac lower Nio
9/21/1990	Sand over BP @ 6,952'
9/22/1990	Perf Upper Nio
9/25/1990	Frac Upper Nio
10/19/1990	Service well
2/1/1992	PBTD 7,642', metal from BP @ 7,538', Sand fill @ 7,349'
	Bailed to 7,434'. Flowing... J Perfs OPEN???
	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 6,782' (50' above top perf)
4	Run CCL over Niobrara & Codell formation looking for perfs
5	PU tubing set / tbq retrievable plug and set <100' above top perforation. Load the hole & circulate 1.5 bottoms up
6	Pressure test casing & plug to 600 psi for 15 minutes
7	CBL from 1,000' to surface
8	Attempt to wash 1-1/4" CS Hydrill or EUE down the 4-1/2" x 9-5/8" annulus to 400'. Establish circulation.
	If successful MIRU cement and circulate cement to surface from 400'. If unsuccessfull MIRU wireline to perf.
	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 and follow with 4/1/2' wiper plug
13	Drill out wiper plug and cement w/ 3-7/8" step blade bit
14	CBL from 1,000' to surface
15	Hang tubing off 3 joints above the plug
16	RDMO

Gologic Markers	
MD	
6,812	Niobrara
7,081	Ft. Hays
7,102	Codell'
7,377	Bentonite
7,563	J-Sand

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

Date Drawn: Sep-17



Hole Size
17-1/2"

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

Hole Size
12-1/4"

Surface Csg @ 224'
8-5/8", 24#
Cement to surface

Hole Size
7-7/8"

Perfs - Upper Nio
6,832'-56', 6,862'-68', 6,874'-76'
Acidize 750 gal 7.5% HCl
Frac 49,010 gal w/20% CO2
64,320# 20/40
Screen out with 129 bbl flush
Restart frac w/ spearhead of 850 gal 7-1/2% HCl

Perfs - Lower Nio
7,006'-24', 7,029', 7,034'
Acidize 425 gal 7.5% HCl
Frac 47,700 gal, 1,136 bbl gel
91,000# 20/40

Perfs - Codell
6,986' - 7,110'
Acidize 425 gal 7.5% HCl
Frac 78,000 gal
192,000# 20/40

Perfs - J-Sand
7,575'-91'
11/16", 2 SPF, 41 Shots
Acidize 500 gal 7.5% HCl
Frac 126,000 gal 3% KCl x-Link
240,000# 20/40

Prod Csg @ 7,660'
4-1/2", 11.6#
400 sx cement TOC = 6,145' CBL

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

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:	