



Black Hills Plateau Production, LLC

A Black Hills Corporation Enterprise

Colorado Water 15-2
NWNW Sec 15, T10S, R95W
Mesa County, Colorado

WELL SKETCH

Prepared By: Harold Mayland

Date: 7/25/2006

ELEVATION

R.B. 6,732
G.L. 6,727
KB 5'
BHT

API No.

05-077-8359

Geological tops

Cameo 4350'
Rollins 4660'
Cozette 5030'
Corcoran 5170'
Mancos 5300'

SURFACE CSG

@ 318'

Hole size 12 1/4"

8 5/8" 24# J-55 ST&C

Cmt w/250 sx

Estimated cmt to surface

PRODUCTION CSG:

Hole size 7 7/8"

4 1/2" 10.5# J55 LT&C 8 RD

Cmt w/

1st stage 390 sx RFC

2nd stage 490 sx RFC

I.D. 4.052
Drift 3.927
Burst 4,790
BBL/FT 0.0159
FT/BBL 62.7

Stage tool @ 1,522'

7/6/2006

leak @ 1522'

Squeezed w/30 sks "G" cmt

Estimated top of cmt 3550'

Rollins

4,662' 4,687' 11 holes
4,667' 4,690'
4,669' 4,746'
4,673' 4,754'
4,675' 4,757'
4,684'

1,000 gal 7 1/2% HCL acid

Cozette

5,065' 5,074' 5 holes
5,068' 5,077'
5,071'

500 gal 7 1/2% HCL acid

Reperforate 07-11-06

5065-68" 3 SPF 120 degree
5071-77" 0.42" dia holes

Corcoran

5,170' 5,259' 7 holes
5,173' 5,261'
5,176' 5,263
5,179'

750 gal 7 1/2% HCL acid

frac'd all zones w/
50,000 gal gel wtr
100,000# 20/40 sand
500 scf/bbl CO2

TUBING 2 3/8" EU 8RD J80 4.7#

I.D. 1.995
Drift 1.991
Burst 11,200
Yield 104,340
BBL/FT 0.00387
FT/BBL 258.65
Cap 5 1/2 x 2 3/8
BBL/FT 0.0183
FT/BBL 54.58

	Qty	Length	Depth in hole
KB		5.00	5.00
2 3/8" EU 8RD J55 4.7# tbg	154	4,680.59	4,685.59
Standard seating nipple		1.78	4,687.37
Notched collar		0.80	4,688.17
EOT			4,688.17

NOTE:

3.5% CO2

Corcoran perforated out of zone, 5153-56'; 5159-65'; 5247-57'

FLOAT COLLAR @ 5,335'

FLOAT SHOE @

5,377
TD