



Black Hills Plateau Production, LLC

A Black Hills Corporation Enterprise

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

WELL SKETCH

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Date: 7/25/2006

Updated: 3/28/16 jad

Geological tops

Cameo	4350'
Rollins	4660'
Cozette	5030'
Corcoran	5170'
Mancos	5278'

SURFACE CSG
@ 318'

Hole size 12 1/4"

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

Cmt w/250 sx

ELEVATION

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

API No.

05-077-08359

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

FLOAT COLLAR @ 5,335'

FLOAT SHOE @

5,377
TD

Proposed P&A Procedure

If TOC is below 3550':

Set CR @ 4550', pump 45 sx Class C or Type III Dump 2 sx on top

If TOC is @ 3550', set CIBP @ 4600', dump 10 sx on top

Perf 4 circ holes @2000'

Set CR on tbq and set @ 1950'. Pump 45 sx Class C or Type III cmt. Dump 5 sx on top

Perf 4 circ holes @ 600'

Set CR @ 550'. Pump 45 sx Class C or Type III. Dump 5 sx on top.

Perf 4 circ holes @ 368'.

Mix and pump 320 sx cmt and bring to surf.

Dig out wellhead, cut off 8 5/8" csg and 4 1/2" csg 6" below ground level.

Install dry hole marker plate as per BLM and COGCC.

Reclaim location and file necessary sundries.

NOTE:

3.5% CO2

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