

Well: D Strange #1 (Dorothy Strange #2)

FERC Well No: WP-M007

Current Status: D2 Observation Well

Status Date: 12-13-2017 (New Casing)

API #: 05-075-07158
Operator: East Cheyenne Gas Storage
KB: 4563 ft
Ground Level: 4551ft
Location: 984 FSL 1634 FEL
SWSE Sec 6-T11N-R52W 6 PM
Logan County, CO

Completion
Date: 07/01/1952

PBTD: 5358 ft
Total Depth: 5359 ft

Surface Casing: 13-5/8" hole with 9-5/8" 25.4#
casing set @ 215ft w/180 sx
(7-01-1952)

Production
Casing: 6-3/4 inch hole; 5-1/2 J-55 casing
set @ 5358 ft.
Stage 1: Cemented w/200 sks;
TOC 4420 ft
Stage 2: DV Tool Cemented with
330 sks@1324 ft; TOC 814 ft

Perforation : Perf's 5192-5198 ft (Est. Date: 7-
2010; Perf's not squeeze - CIBP
set@5192 ft (8-26-2011)

Perf's 5178' – 5186' w/4 spf, 90
degree phasing. Acidize w/641 gal
7-1/2 HCL (8-26-2011)

Tubing: 2-3/8 inch tubing run to 5170 w/
packer set @ 5137 ft; Pressure
gauge set@5182 ft

Formation Tops:	D1 Sand	5162 ft
	D2 Sand	5178 ft
	D3 Sand	5192 ft
	Huntsman	5213 ft
	J Sand	5292 ft

Set RBP@460 ft; Tested to
2300 psig – held w/no pressure
loss.

Perf's 488-490 ft (1-14-2011)
Squeezed (4-13-2012) 488-490
ft w/25 sx 15# class B cement;
TOC @ 512-734 ft (4-13-2012)

Stage 2: DV tool @1324 ft.
Pump 330 sx cement
TOC 814 ft (4-19-2010)

Stage 1 TOC 4420'

2-3/8 inch tubing set to
5170 ft w/packer @ 5140ft

Pressure Transducer 5182'

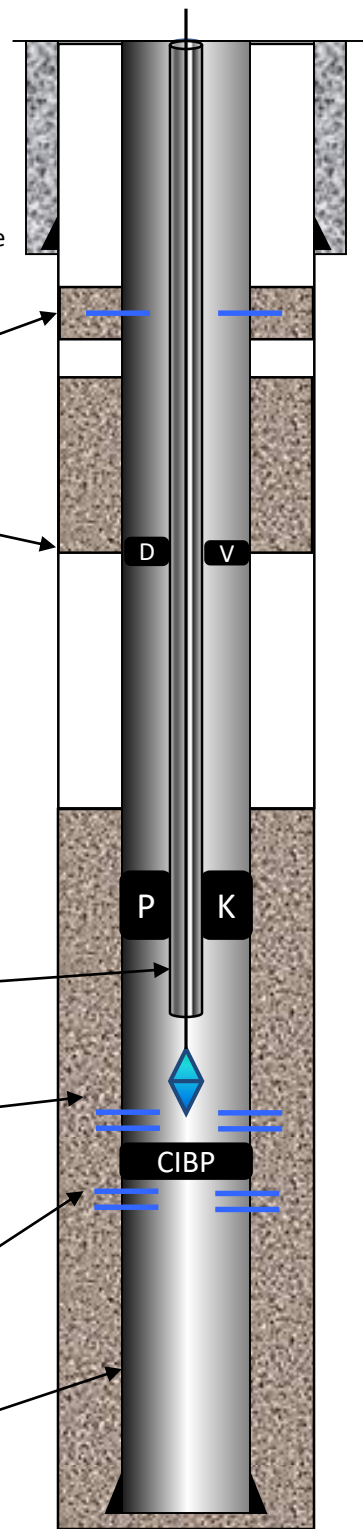
Perf's 5178' – 5186' w/4
spf, 90 degree phasing.

Acidize w/641 gal 7-1/2%
HCL (8-29-2011)

CIBP @ 5192' & cap w/1 sx
cement (8-26-2011)

D3 Perf's @ 5194' – 5198'
Not squeezed but isolated
w/CIBP

No Dakota J Sand perf's



TD: 5359'

PBTD @5358'