



Mustang Creek Operating, LLC
Payne 23-41
SWSW3-13S-59W 6M
Elbert County, Colorado

API # 05-039-06681-00

Spud: 20-Oct-15
RR: 5-Dec-15

KB Elevation	5824.4
Ground Elev.	5810.0
KB - Grd	14.4
KB - CBF	15.1
T.D	10340.0
P.B.T.D	10274.0

Casing Spool - Cameron 13 5/8" x 3000# x 11"

Casing Bowl - Cameron 13 5/8" x 3000# x 13 3/8"

20" Conductor

120'

hole size - 17 1/2"

Surface Casing

13 3/8", 54.5#, J55, LTC

1500'

Cement w/13300 sx 0:1:0G + 3% CaCl2

3 bbls good cmt returns

hole size - 12 1/4"

Intermediate Casing

9 5/8", 36#&40#, L80, LTC

4600'

drift ID: 8.679"

cemented w/1280 sx 1:0:6 + 2% CaCl2 and

420 sx 1:0:2 + 1 1/2% CaCl2. No cmt to surface

Lost returns at 90 bbl disp.

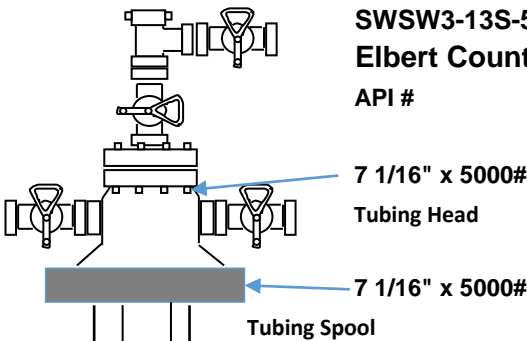
2nd Stage cemented w/ 1000 sx
Econocem

Stage tool 7819.73'

Hole size - 8 1/2"

Marker Jt - 8322.49

Marker Jt - 8981.10



Geological Tops

	Sampled	Logged
Sharon Springs	3817	3813
Niobrara	4116	4127
Ft Hays	4654	4652
Codell	4684	4687
Carlisle	4703	4705
Greenhorn	4830	4826
Dakota	5104	5099
Dakota J	5125	5133
Lakota	5271	5272
Morrison	5380	5428
Entrada	5533	5557
Permian	6021	6019
Lyons	6246	6236
Stone Corral	6420	6432
Penn	6976	7041
Lansing	7836	7839
Marmaton	8200	8201
Cherokee	8307	8310
Cherokee B	8362	8362
Cherokee C	8425	8439
Cherokee D	8497	8500
Cherokee E	8537	8528
Cherokee F	8591	8593
Atoka	8630	8660
Atoka B	8726	8723
Atoka C	8772	8794
Atoka C D	8817	8840
Atoka D	8902	9141
Morrow	9348	9415
Mississipian	9548	9706
Spergen	9596	9762
Warsaw	9632	9810
Gilmore City	9735	9898
Arbuckle	9835	
Reagan	10,055	10211
Precambrian	10,265	10294
T.D.	10,340	10345

8310 Cherokee
8362 Cherokee B
Per interval 8364' - 8376'

PSN 8434.6'
Perf. Pup 8436'
Btm of tbg 8454.2'

8439 Cherokee C
8500 Cherokee D
8528 Cherokee E
8593 Cherokee F
8660 Atoka
8723 Atoka B
8794 Atoka C
8840 Atoka C D

drift ID: 4.767"

1st Stage cemented w/ 656 sx
Elastocem

PBTD - 10274

TD - 10340'

Precambrian