

MARALEX RESOURCES, INC.

Plugged Wellbore

WELL NAME	South Shale Ridge 5-21
LOCATION	SWNW Section 21 T8S R98W 6 PM
GPS	39.348288 -108.338916 PDOP 4.3
API #	05-077-08611

FIELD	South Shale Ridge
COUNTY	Mesa
GPS OPERATOR	M. Nastal
FORMATION	Cameo Coal

CASING

SURFACE

SIZE & WT	8 ⁵ / ₈ " 24 #
SET @	238'
HOLE SIZE	12 ¹ / ₄ "
CEMENT	130 sacks
Thixotropic w/ 1/4#/sx cello-flake	
TOC @ surface	

Casing strings cut-off 4' below GL

Steel plate w/ weep hole welded on casing stub

8⁵/₈" @ 238'

PRODUCTION

SIZE & WT	4 ¹ / ₂ " 11.6#
SET @	4214'
HOLE SIZE	7 ⁷ / ₈ "
CEMENT	600 sxs Highbond 50
TOC: 3750' by CBL	

Squeeze perms @ 288'

75 sxs cement - 4¹/₂" & 4¹/₂" X 8⁵/₈" annulus filled with cement

STAGE TOOL

@ NA

CICR @ 1500'

30 sxs of cement - 100' inside 4¹/₂" & 100' in annulus

PERFORATIONS

Top	3914'
Bottom	4068'
27 holes	

Squeeze perms @ 1600'

FORMATION TOPS

Wasatch	surface
Mesa Verde	1605'
Cameo Coal	3785'
Rollins	4070'

Perforations 3914'-4068'

CIBP @ 3905' w/ 2 sxs cement on top

PBTD 4198'

4¹/₂" @ 4214'

TOTAL DEPTH 4225'