

INTERVAL SHEET

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VDMR Well No: 2125

Date rec'd:

Sample Interval: from 5' to: 107'

PROP: BLM A-051840

Number of samples: 41

Hole No.: T5-13A

COMP: Minerals Development Corp.

Total Depth: 107'

COUNTY: Giles

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To
5'0" - 8'6"	78'5"- 80'4"	-	-
8'6" - 13'8" (2 spls)	80'4"- 88'0" (2 spls)	-	-
13'8" - 17'4" (2 spls)	88'0"- 92'0"	-	-
17'4" - 18'8"	92'0"- 94'0"	-	-
18'8" - 22'7"	94'0"- 96'5"	-	-
22'7" - 23'2"	96'5"- 97'4"	-	-
23'2" - 24'3"	97'4"- 98'9"	-	-
24'3" - 25'2"	98'9"- 99'10"	-	-
25'2" - 26'8"	99'10"- 101'6"	-	-
26'8" - 32'0"	101'6"- 103'10"	-	-
32'0" - 38'3" (2 spls)	103'10"- 107'0"	-	-
38'3" - 38'6"	-	-	-
38'6" - 38'8.5"	-	-	-
38'8.5"- 42'1"	-	-	-
42'1" - 43'2" (2 spls)	-	-	-
43'2" - 49'1"	-	-	-
49'1" - 50'2"	-	-	-
50'2" - 51'6"	-	-	-
51'6" - 51'8"	-	-	-
51'8" - 52'8"	-	-	-
52'8" - 57'0"	-	-	-
57'0" - 61'0" (2 spls)	-	-	-
61'0" - 62'0"	-	-	-
62'0" - 66'0"	-	-	-
66'0" - 67'0"	-	-	-
67'0" - 67'5"	-	-	-
67'5" - 71'5"	-	-	-
71'5" - 71'10"	-	-	-
71'10"- 77'6" (2 spls)	-	-	-
77'6" - 78'5"	-	-	-

INTERVAL SHEET

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VDMR Well No: 2125

Date rec'd:

Sample Interval: from 5' to 107'

PROP: BLM A-051840
Hole No.: TS-13A

Number of samples: 41

COMP: Minerals Development Corp.

Total Depth: 107'

COUNTY: Giles

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To
5'0" - 8'6"	78'5" - 80'4"	-	-
8'6" - 13'8" (2 apks)	80'4" - 88'0" (2 apks)	-	-
13'8" - 17'4" (2 apks)	88'0" - 92'0"	-	-
17'4" - 18'8"	92'0" - 94'0"	-	-
18'8" - 22'7"	94'0" - 96'5"	-	-
22'7" - 23'2"	96'5" - 97'4"	-	-
23'2" - 24'3"	97'4" - 98'9"	-	-
24'3" - 25'2"	98'9" - 99'10"	-	-
25'2" - 26'8"	99'10" - 101'6"	-	-
26'8" - 32'0"	101'6" - 103'10"	-	-
32'0" - 38'3" (2 apks)	103'10" - 107'0"	-	-
38'3" - 38'6"	-	-	-
38'6" - 38'8.5"	-	-	-
38'8.5" - 42'1"	-	-	-
42'1" - 43'2" (2 apks)	-	-	-
43'2" - 49'1"	-	-	-
49'1" - 50'2"	-	-	-
50'2" - 51'6"	-	-	-
51'6" - 51'8"	-	-	-
51'8" - 52'8"	-	-	-
52'8" - 57'0"	-	-	-
57'0" - 61'0" (2 apks)	-	-	-
61'0" - 62'0"	-	-	-
62'0" - 66'0"	-	-	-
66'0" - 67'0"	-	-	-
67'0" - 67'5"	-	-	-
67'5" - 71'5"	-	-	-
71'5" - 71'10"	-	-	-
71'10" - 77'6" (2 apks)	-	-	-
77'6" - 78'5"	-	-	-

Description of Drill Cores

T5-13A

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VDMR No.: W-2125

Hole Number: T5-13A

Elevation: 3450

Date: September 20, 1961, Monday

Depth in feet		Description
From	To	
0	5'	Overburden
5'	5'10"	Sandstone, maroon, coarse grained, ferruginous; fractured.
5'10"	8'6"	Sandstone, maroon, fine grained, ferruginous; fractured.
8'6"	13'8"	Sandstone, fine grained, maroon, ferruginous; fractured; contains rust brown, weathered clay and shale seams.
13'8"		Total Footage Drilled for the Day.

Hole Number: T5-13A

Elevation: 3450

Date: September 21, 1961, Tuesday

Depth in feet		Description
From	To	
13'8"	14'5"	Sandstone, maroon, fine grained, ferruginous.
14'5"	16'6"	Sandstone, maroon, coarse grained, ferruginous; contains quartz granules, clay galls and rust brown weathered shale partings.
16'6"	17'4"	Same as above, badly fractured.
17'4"	18'8"	Shale, rust brown; weathered and fractured, contains maroon sandstone intercalations. (Core loss 9")
18'8"	22'7"	Shale, maroon; contains maroon sandstone intercalations.
22'7"	23'11"	Sandstone, maroon, fine grained; badly fractured.
23'11"	24'3"	Sandstone, maroon, coarse grained, ferruginous.
24'3"	25'2"	Shale, maroon. (Core loss 10")

Description of Drill Cores

Hole Number: TS-13A

Elevation: 3450

Date: September 21, 1961, Tuesday

Depth in feet		Description
From	To	
25'2"	25'6"	Sandstone, maroon, fine grained.
25'6"	26'8"	Sandstone, maroon, coarse grained, conglomeratic, ferruginous, vuggy; contains clay galls and quartz granules.
26'8"	32'	Sandstone, maroon, fine to coarse grained; contains maroon shale partings. (Core loss 4'6")
32'	38'3"	Shale, gray, contains rust brown partings.
38'3"	38'6"	Sandstone, pale grayish brown, fine grained, contains rust brown partings.
38'6"	38'8.5"	Sandstone, pale gray to grayish maroon.
38'8.5"	40'4"	Shale, maroon to purple, contains rust brown partings.
40'4"	42'1"	Shale, gray unctuous. (Core loss 1')
42'1"	43'1"	Sandstone, maroon, fine grained.
43'1"	43'2"	Sandstone, maroon, coarse grained, vuggy.
43'2"	49'1"	Shale, gray, unctuous. (4'10" Core Loss)
49'1"	50'2"	Shale, ocher, fractured.
50'2"	51'6"	Sandstone, grayish brown, fine grained, contains ocher shale partings; highly fractured.
51'6"	52'8"	Sandstone, pale gray to pale grayish-tan, fine grained.
52'8"	54'9"	Sandstone, pale gray to pale brown, sandy.
54'9"	57'	Sandstone, pale grayish green, shaly; contains rust brown partings.
57'	61'	Sandstone, pale grayish green, fine grained; contains rust brown shale partings; rust brown mottlings possibly caused by weathering of pyrite crystals. Last 2 feet contains sporadic plant fossils.

47'4"

Total Footage Drilled for the Day.

Description of Drill Cores

Hole Number: T5-13A

Elevation: 3450

Date: September 22, 1961, Friday

<u>Depth in feet</u>		<u>Description</u>
<u>From</u>	<u>To</u>	
61'	62'	Sandstone, grayish brown, fine grained.
62'	62'1"	Sandstone, maroon, fine grained.
62'1"	65'1"	Shale, maroon. (Core loss 3', all lost)
65'1"	65'6"	Sandstone, light brown, fine grained.
65'6"	66'	Sandstone, gray contains rust brown shale partings.
66'	67'	Sandstone, maroon, contains maroon shale partings and grayish green clay galls.
67'	67'5"	Sandstone, grayish maroon, fine grained.
67'5"	71'5"	Shale, greenish gray; contains rust brown clay partings and gray, fine grained sandstone intercalations.
71'5"	71'10"	Sandstone, gray, fine grained.
71'10"	77'6"	Shale, gray to pale grayish green; contains light brown fine grained sandstone intercalations and rust brown shale partings. (Core loss 4')
77'6"	78'	Sandstone, light brown, fine grained; contains shale partings and rust brown.
78'	79'9"	Sandstone, pale gray, fine grained, quartzite; contains rust brown clay partings.
79'9"	80'4"	Sandstone, pale gray white to brown, fine grained.
80'4"	88'	Sandstone, maroon, fine grained, ferruginous, contains abundant maroon shale partings and interbeds; badly broken. (Core loss 1'5")

27'

Total Footage Drilled for the Day.

Description of Drill Cores

Hole Number: T5-13A

Elevation: 3450

Date: September 25, 1961, Monday

<u>Depth in feet</u>		<u>Description</u>
<u>From</u>	<u>To</u>	
88'	92'	Sandstone, maroon, fine grained, ferruginous, contains abundant maroon shale partings and interbeds badly broken. (Core loss 1'6")
92'	94'	Sandstone, maroon, fine grained, ferruginous, contains widely scattered clay galls and maroon shale partings.
94'	97'4"	Sandstone, brown to pale gray, fine to medium grained, broken and weathered; contains maroon shale intercalations and yellow brown clay galls. (Core loss 9")
97'4"	98'9"	Sandstone, maroon, fine to medium grained, quartzitic; contains rust brown shale partings broken and weathered.
98'9"	99'10"	Sandstone, maroon, coarse grained, conglomeratic; contains abundant quartz granules. (lost 1' ferruginous)
99'10"	100'9"	Sandstone, maroon, fine grained, contains gray shale partings.
100'9"	101'6"	Shale, gray. (Core loss 8")
101'6"	103'10"	Sandstone, gray, fine grained.
103'10"	107'	Intercalated sandstone and shale; sandstone gray to grayish white, fine grained; shale, black.
19'		Total Footage Drilled for the Day.