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123-05643

## WELL RECORD

James P. Sloss #1 Wickland

Loc. Center NW NE NW Sec. 22 Township 9 North, Range 57 West,  
Weld County, Colorado.

Commenced 5-21-52

Elevation Ground 4657'

Completed 6-10-52

Elevation K. B. 4666'

206' of 10 3/4" surface pipe cemented with 175 sacks.

T. D. 6155'

D &amp; A

## Depth

## Formation

Surface	Sand, gravel, shale
218'	Sand, shale
947'	Shale, bentonite
1566'	Shale
2106'	Shale, sand
2506'	Sandy shale, bentonite
2879'	Sandy shale
4080'	Shale, bentonite streaks
4219'	Sandy shale
4308'	Shale, bentonite, pyrite
4543'	Sandy shale
4756'	Shale, bentonite
4949'	Shale
5250'	Shale, limestone
5440'	Limestone
5500'	Limestone, shale
5644'	Shale
6025'	Shale
6025'-	6043' cored with Diamond bit, 8 3/4" head
	Rec. 8': 7' hard black shale, 1' hard sandy black shale
	with streaks of shaley gray sand showing some
	fluorescence and gas odor.

Reamed and drilled to 6044'. Ran 2nd Schlumberger, checked  
bottom at 6041'.

6044'- 6050', Cored with Hughes core barrel and tri-cone bit.  
Rec. 5': 4' hard gray sandy shale streaks, gray shaley  
sand, cemented and no apparent porosity or  
permeability, gas odor on fresh break, fair  
fluorescence in spots. 1' hard fine grained cemented  
shaley sand, non-porous, no fluorescence and no gas  
odor on fresh break.



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6035'-6050' 8 minute DST

$\frac{1}{2}$ " Bottom choke.

Slight blow when tool opened, but died in 8 minutes.

Rec. 25' Mud.

No bottom hole pressure recorded.

6050'-6062' Cored with Hughes core barrel with 6 3/4" bit.

Rec. 12': 2' hard cemented shaley gray sand, flakes of lignite, no show. 2' slightly sandy black shale. 3' laminated hard cemented gray sand with streaks of black shale, gas odor in sand streaks. 4' hard gray sand, crossbedded with oil showing in bedding planes, sand very tight. 1' laminated sand and shale, sand streaks very tight with no show of oil or gas.

6047'-6062' 30 minute DST

$\frac{1}{2}$ " Bottom choke

Slight blow when tool opened, but died in 7 minutes.

Rec. 25' Mud. No show.

No bottom hole pressure.

6062'-6073' Cored with Hughes core barrel with 6 3/4" bit.

Rec. 11' black shale.

6062'-6126' Shale

6126'-6135' Cored with Hughes core barrel with 6 3/4" bit.

Rec. 9': 6' hard tight sand, gray, cemented, shaley with streaks of lignite. Good oil odor and a few spots showed oil and florescence. 1' brittle black shale. 2' sandy black shale.

Attempted DST but could not get to bottom. Reconditioned hole. Drilled to 6137'.

6124'-6137' 20 minute DST

$\frac{1}{2}$ " Bottom Choke

Slight blow, died in 6 minutes.

Rec. 30' mud. No show.

No bottom hole pressure recorded.

6137'-6147' Cored with Hughes core barrel with 6 3/4" bit.

Rec. 10': 3' black shale. 5' coarse gray clean sand with oil color, very good sand. 1' coarse gray clean sand with oil color, but may be wet. 1' coarse gray clean sand with no oil color and looks wet.

6130'-6147' 2 hour DST

$\frac{1}{2}$ " bottom choke.

Good blow immediately, gas in 1 hour 55 minutes. Blow diminished at end of 2 hour test.

Rec. 3,000' fresh water. No oil recovered.

No bottom hole pressure recorded.

6147'-6155' Coarse gray water sand.

June 10, 1952 ran final Schlumberger which checked bottom at 6153'

Well abandoned and plugged by placing cement plug of 25 sacks at 6140'. Cement plug of 15 sacks at bottom of surface casing at 206'. Cement plug of 10 sacks in top of surface casing with 4' of 4" pipe protruding above surface of ground. Well abandoned June 10, 1952.

Formation tops by Schlumberger and samples.

Formation	Depth	Sea level
Hygiene	3160'	+1506'
Niobrara	5275'	-609'
Timpas	5550'	-884'
Greenhorn	5703'	-1037'
Brown Lime	5931'	-1265'
Muddy or "D" sand	6038'	-1372'
Dakota 1st sand	6122'	-1456'
Dakota 2nd sand	6136'	-1470'