



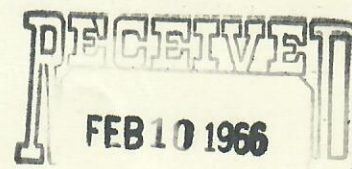
## Geologic Report

Don Winslow and Stuarco #1-B State

NW SE, Section 3-10N-53W

Logan County, Colo.

FEB - 4 1966



OIL & GAS  
CONSERVATION COMMISSION

### Chronological Record

Location surveyed and staked by Powers Surveyors  
Elevation 4310' ground.

Jan. 15, 1966 Rotary moved on location; Stuarco Drilling Co. - Contractor  
Set 105' of 8-5/8" @ 113' w/75 sacks  
Jan. 16 Drilling @ 546'  
Jan. 17 Drilling @ 3619'  
Jan. 18 Drilling @ 4753'  
Jan. 19 Reached T.D. @ 5180'  
Ran Schlumberger Induction-ES and micro logs  
Jan. 20 Ran DST of "J" sand 5106-5113.  
Plugged and abandoned.

### Samples description

4100-4160 Shale, light gray, micaceous.  
4160-4480 Shale, gray speckled 10-30% with white limestone.  
4480-4530 Limestone, gray-white, chalky, no effective porosity.  
4530-4750 Shale, dark gray silty, trace of brown limestone bottom 20'.  
4750-4770 Limestone, light brown, sugary, no effective porosity.  
4770-4990 Shale, dark gray, bentonitic.  
4990-5000 Sandstone, white, very fine grained, dirty, no porosity, no show.  
5000-5010 Sandstone, white, very fine grained, dense, low porosity and permeability, good oil stain top 5', spotty stain bottom 5', good fluorescence.  
5010-5020 Sandstone, as above, laminated 25% with shale, no permeability, no show.  
5020-5100 Shale, dark gray, silty, pyritic.



- 5100-5105 Sandstone and shale, mottled, no effective porosity, no show.
- 5105-5120 Sandstone, white, fine-medium grained, clean, good porosity and permeability, even oil stain and fluorescence.
- 5120-5130 Sandstone, as above, 50% spotty oil show, water bearing.
- 5130-5155 Sandstone and shale, interlaminated and mottled, no effective porosity, no show.
- 5155-5170 Sandstone, gray, fine grained, dense, low-very low porosity, water bearing, no show.
- 5170-5180 Shale, black, fissile.

#### Drillstem testing Data

Interval tested: 5106-5113 (Schlumberger)

Tester: Virg's Testers, Inc.

Type test: Straddle packer

Tool open: 2 hours

Tool shut in: 45 minutes (no initial shut in taken)

Gas to surface: 65 minutes (too small to measure)

Recovery: 60° Heavily oil cut mud  
1610° Brackish water

Pressures:	IH	2854#	IF	79#
	FH	2842#	FF	766#
	FSIP	957#		

The bottom packer held and bled to 1510#.