

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING FEBRUARY 8, 2018**

CASE No. 15972

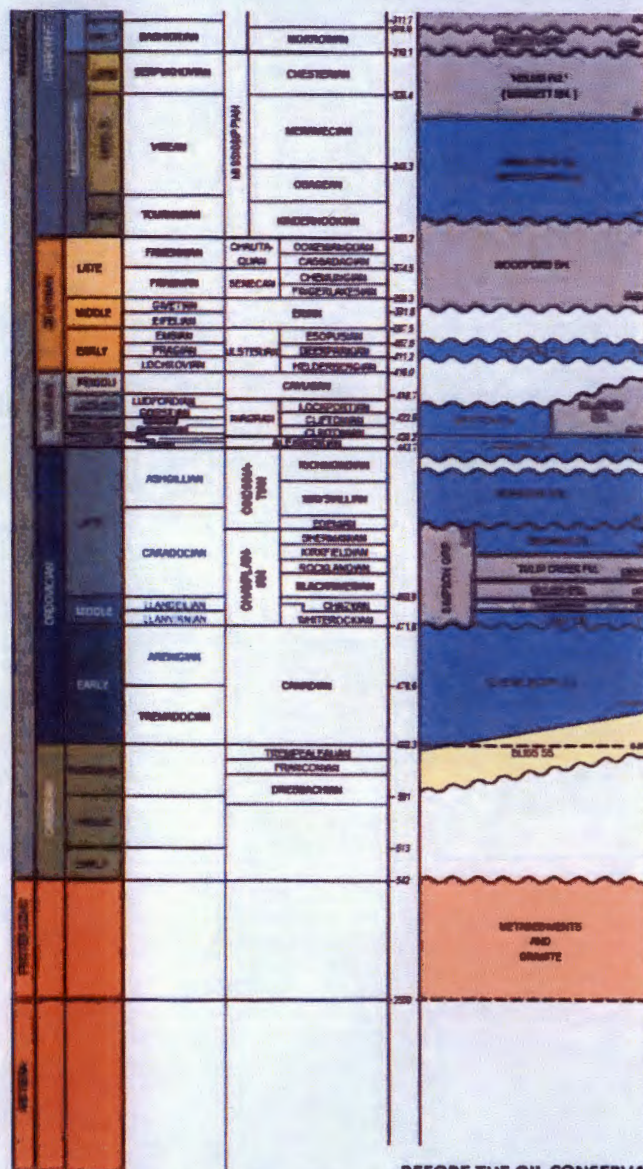
R- 14716 (6/7/18)

MAELSTROM SWD No. 1 WELL

LEA COUNTY, NEW MEXICO



Stratigraphic Overview and Type Log



Unconformity

Woodford Shale

Wristen Group
Dolomite and limestone

Fusselman
Predominately dolomite with local limestone

Montoya
Predominately limestone and local dolomite with chert nodules

Simpson Grp
Interbedded shales and mud-rich carbonates

Ellenburger
Predominately dolomite and limestone

Bliss SSt and PreCambrian

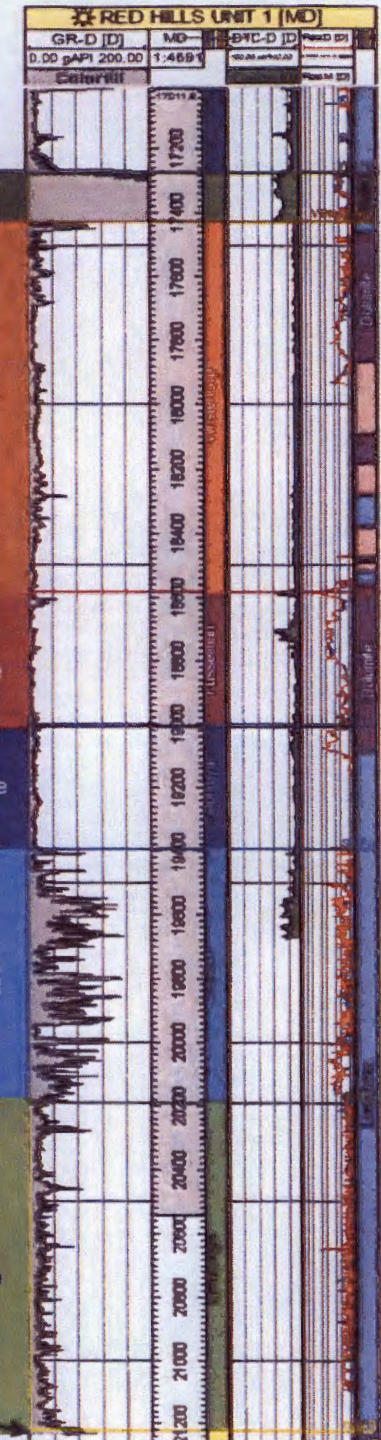
PreC is metamorphic or plutonic

MAELSTROM SWD INJECTION TARGET

Unconformity

Unconformity

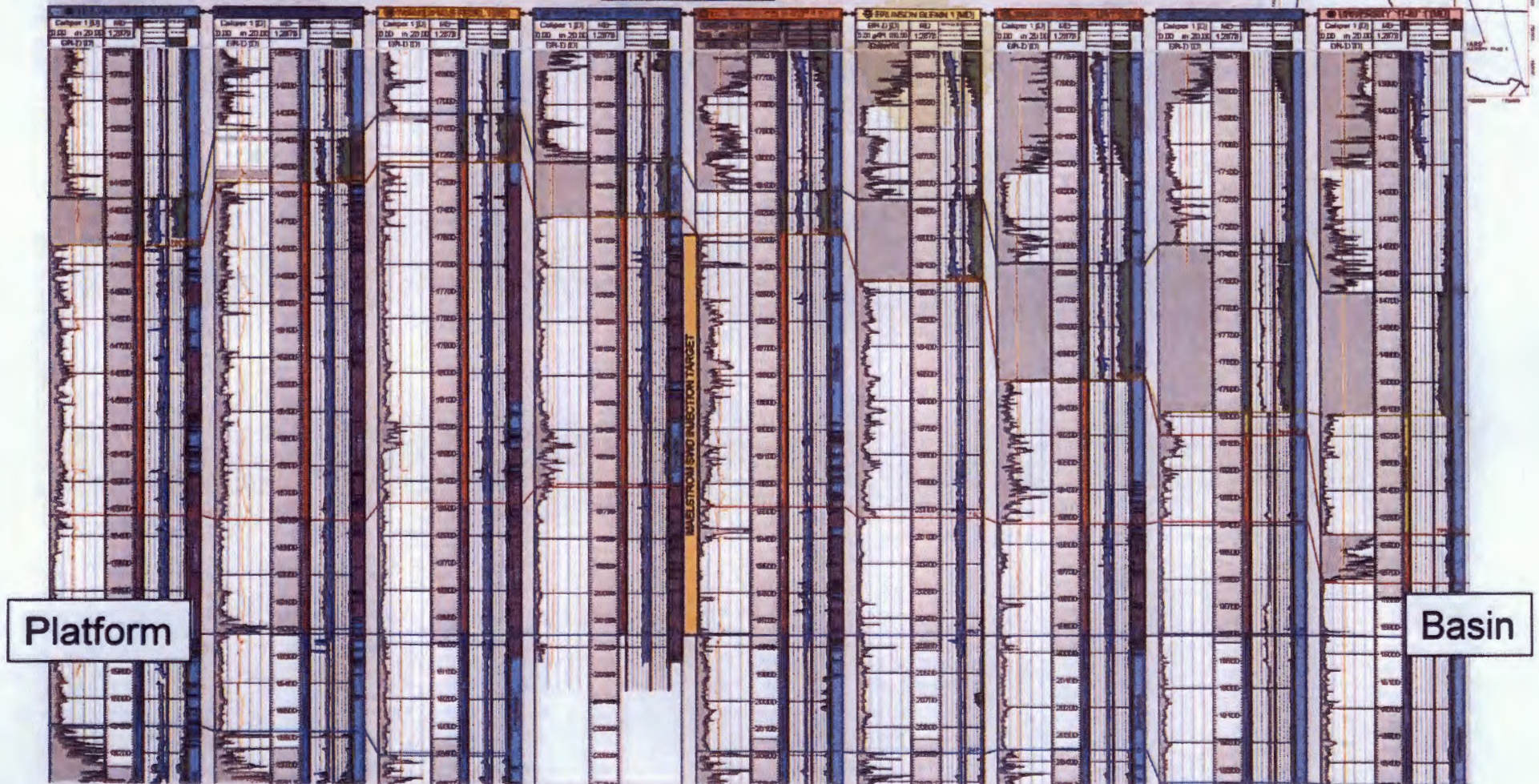
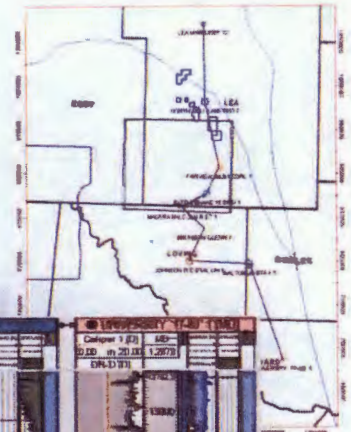
Unconformity



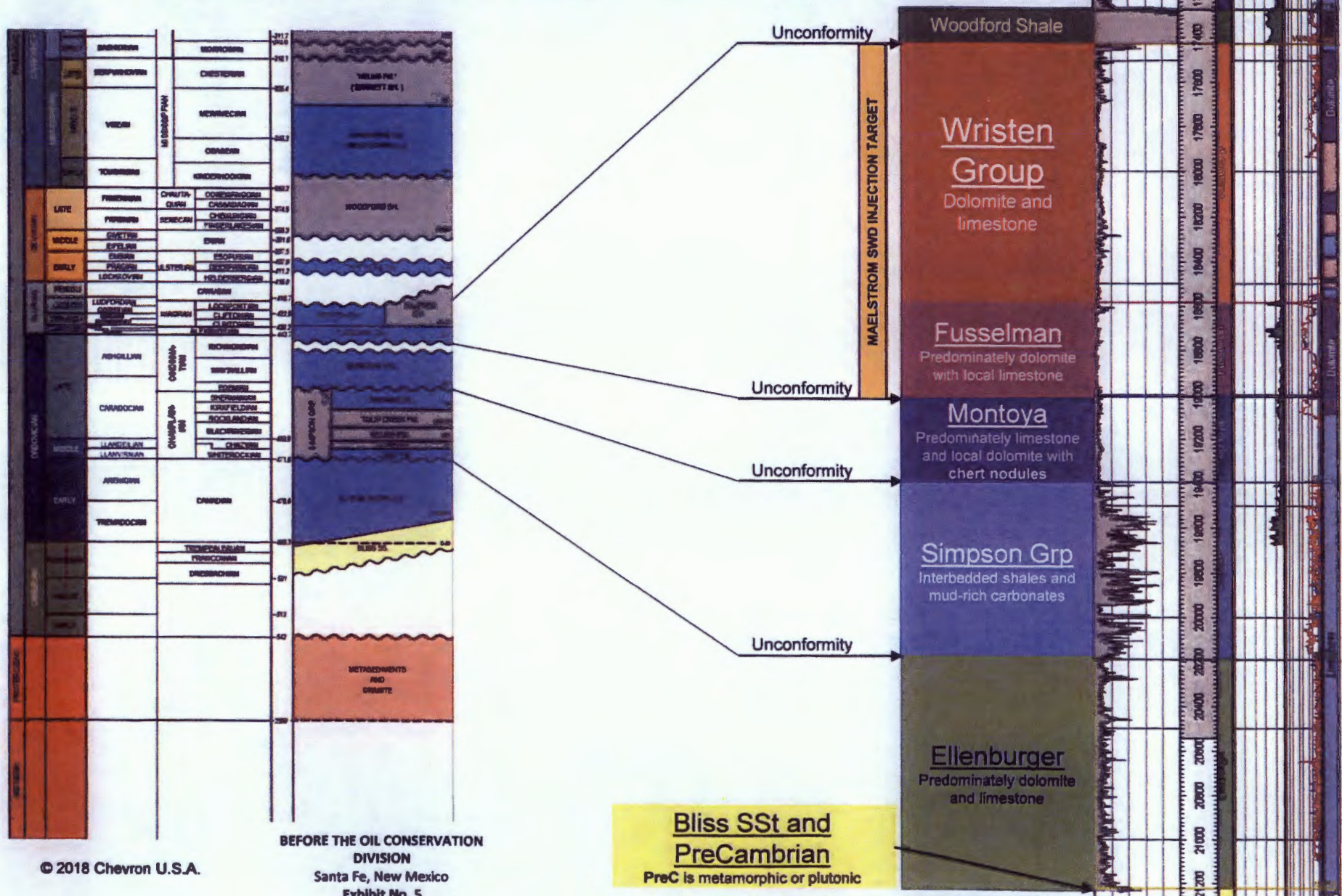
N-S Cross Section

Caliper 1 [D]	MD	GR-D [D]	Color Hill
0.00 in 20.00	1:3011	0.00 gAPI 100.00	

Maelstrom
SWD Location



Stratigraphic Overview and Type Log



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BEFORE THE OIL CONSERVATION
DIVISION
Santa Fe, New Mexico
Exhibit No. 5

Submitted by: CHEVRON U.S.A. INC.
Hearing Date: February 8, 2018

**Bliss SSt and
PreCambrian**
PreC is metamorphic or plutonic

**Current
WELLBORE DIAGRAM**

Created:	8/19/2015	By: PTB	Well No.:	1	Field:	SWD: Devonian, Silurian
Updated:	1/11/2017	By: PTB	Unit Ltr:	M	Sec:	13 TSHR/Range: 26S / 32E
Lease:	Salado Draw SWD 13		St Lease:		API:	30-025-42354 Cost Center:
Surface Location:	290' FSL & 10' FWL		Elevation:	3171'	CHEVNO:	PD6336
County:	Lea	St: NM				
Current Status:	TA'd					

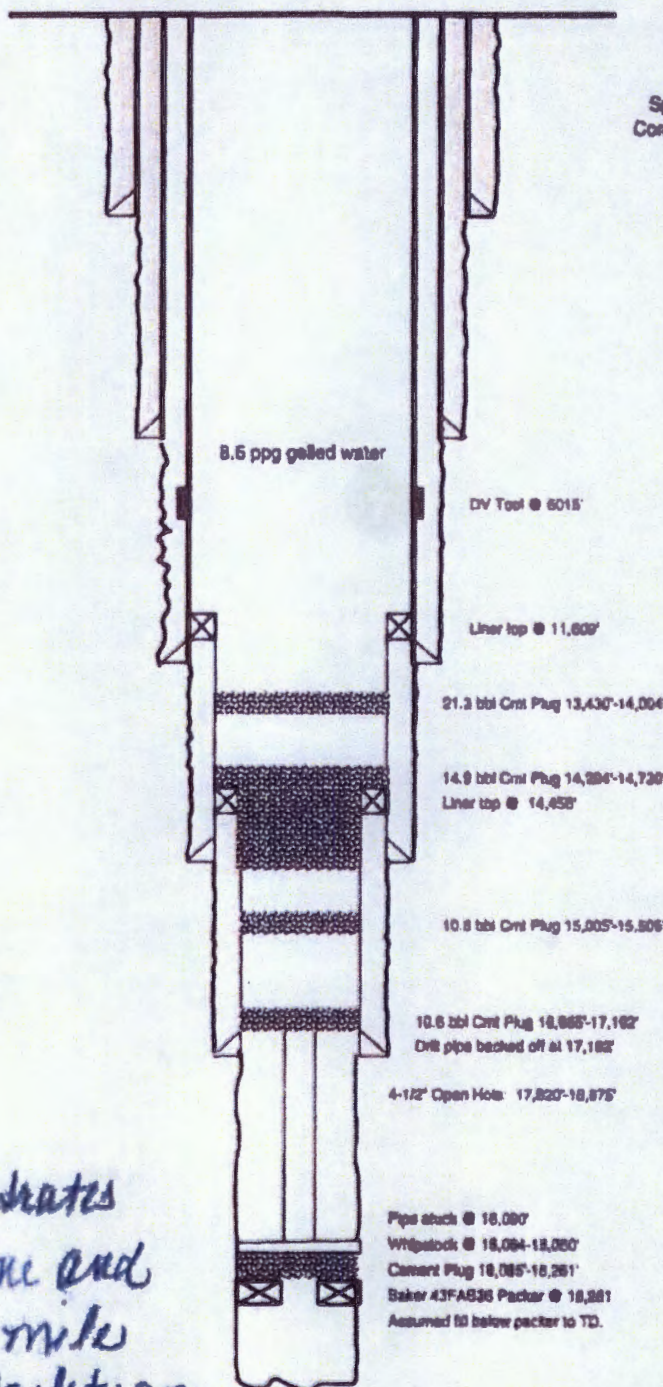
Surface Ceg.
 Size: 15"
 Wt.: 75#, J-55
 Set @: 737'
 Sxs cmt: 840
 Circ: yes, 106 bbl
 TOC: surface
 Hole Size: 20"

1st Intermediate Ceg.
 Size: 13-3/8"
 Wt.: 68#, J-55
 Set @: 4,555'
 Sxs Cmt: 1100
 Circ: yes, 71 bbls.
 TOC: surface
 Hole Size: 14-3/4"

2nd Intermediate Ceg.
 Size: 9-5/8"
 Wt.: 53.5#, P-110
 Set @: 12,185'
 Sxs Cmt: 1,920
 TOC:
 Hole Size: 12-1/4"

Production Liner No. 1
 Size: 7-5/8"
 Wt.: 39#, P-110
 TOL: 11,609'
 BOL: 14,678'
 Sxs Cmt: 300
 Hole Size: 6-1/2"

Production Liner No. 2
 Size: 5-1/2"
 Wt.: 23#, P-110
 TOL: 14,456'
 BOL: 17,820'
 Sxs Cmt: 268
 Hole Size: 6-1/2"



KB: _____
 DF: _____
 GL: 3171'
 Spud Date: 2/20/2015
 Compl. Date: 6/23/2015

VI.
 This well penetrates
 the injection zone and
 is within the 2 mile
 radius of the Madstrom

Pipe stuck @ 16,080'
 Whipstock @ 16,084-16,085'
 Cement Plug 16,085'-16,261'
 Baker 43FAS36 Packer @ 18,281'
 Assumed fill below packer to TD.