



Empirica

Scale: 5" / 100'
Measured Depth Log

Well Name Windsor_LV_A_14-H_Horizontal

Operator

Company Extraction Oil & Gas, LLC

Address 1888 Sherman St, Suite 200
Denver, Colorado 80203










Geologist

Name Justin Perry & Geoff Sterling





























Company ALS Empirica

Address 6360 W Sam Houston Pkwy N
Suite 100
Houston, TX 77041

Zone Color Coding

	Oil		Condensate		Gas
	Note		Core		Pressure
	Error		Water		Seal

Rock Types

	UNKNOWN		CHERT		SILTSTONE		
	ANHYDRITE		COAL		SANDSTONE		
	GYPSUM		MARLSTONE		CONGLOMERATE		
	SALT		CHALK		BRECCIA		
	SIDERITE or LIMONITE		SHALE		TILL		
	LIMESTONE		SHALE GRAY		BENTONITE		
	DOLOMITE		SHALE COLORED		TUFF		

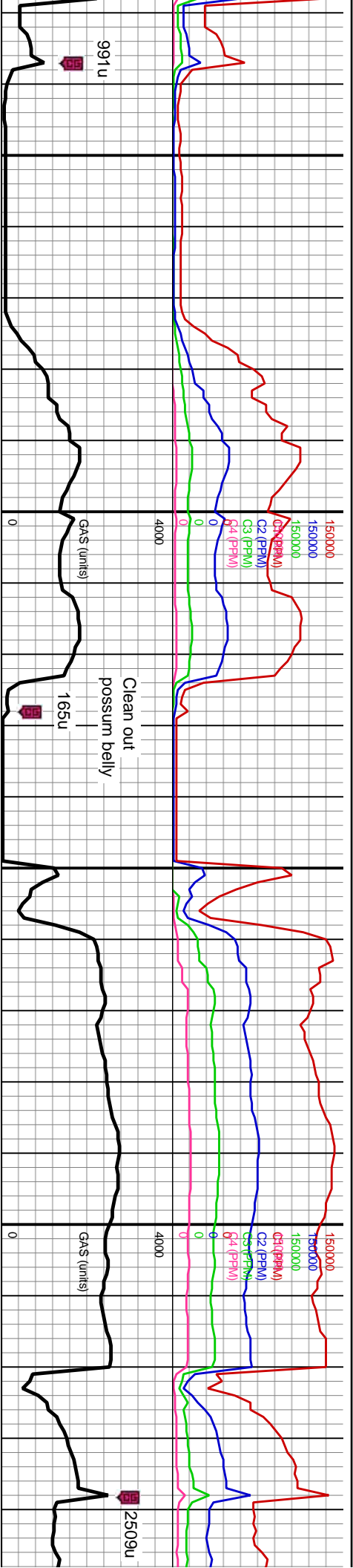
Accessories

Fossils		Stringer	
F FOSSIL	ARGILLACEOUS	GLAUCONITE	ANHYDRITE STRINGER
GASTROPOD	ARGILLITE GRAIN	GYPSIFEROUS	BENTONITE STRINGER
ALGAE	BENTONITE	HEAVY MINERAL	COAL STRINGER
AMPHIPORA	BITUMENOUS SUBSTANCE	KAOLIN	DOLomite STRINGER
BELEMITE	BRECCIA FRAGMENTS	MARLSTONE	GYPSUM STRINGER
BIOCLASTIC	CALCAREOUS	MINERAL CRYSTALS	LIMESTONE STRINGER
BRACHIOPOD	CARBONACEOUS FLAKES	NODULES	MARLSTONE (CALC) STRG
BRYOZOA	CHTDK	PHOSPHATE PELLET:	MARLSTONE (DOL) STRG
CEPHALOPOD	CHTLT	PYRITE	SANDSTONE STRINGER
CORAL	COAL - THIN BEDS	SALT CAST	SHALE STRINGER
CRINOID	DOLOMITIC	SANDY	SILTSTONE STRINGER
ECHINOID	FELDSPAR	SILICEOUS	
FISH	FERRUGINOUS PELLET	SILTY	
FORAMINIFERA	FERRUGINOUS	TUFFACEOUS	
Minerals			

Other Symbols

Oil Show		Rounding	
ORGANIC	FAULT	WIRELINE TESTED - RT	Fx FINELYXLN
PINPOINT	FORMATION TOP	MN DEPTH	ES GRAINSTONE
DEAD	VUGGY	GAS SHOW	L LITHOGRAPHIC
EVEN		MNDEPTH MN DEPTH	MX MICROXLN
QUESTIONABLE		NORMAL FAULT	MS MUDSTONE
SPOTTED STAINING	BIT	OIL SHOW	PS PACKSTONE
Engineering		OVERTURNED STRATA	WS WACKESTONE
CASING		REVERSE FAULT	
CONNECTION (LEFT)		SUBRND	
CONNECTION (RIGHT)		SIDEWALL CORE (LEFT)	
FENESTRAL	CONNECTION GAS	SIDEWALL CORE (RIGHT)	
FRACTURE	CG	SLIDE	
INTERCRYSTALLINE	CORE - LOST	SURVEY	BS BOUNDSTONE
INTEROOLITIC	CORE - RECOVERED	TRIP GAS	P POOR
MOLDIC	DST INTERVAL	WIRELINE TESTED - LEFT	E EARTHY
Porosity			
EARTHY			M MODERATE
Sorting			

- IGNEOUS
- METAMORPHIC
- CEMENT
- SILTY SH
- SHY SS



PLTY-SB SH: DK GY-GY, RR TN, PLTY-SB
PLTY, MOD SFT-FRM, WK FISS, V FY
LAM, TR FY DISSM PYR. SLTST:
GY-DK GY, SB PLTY-SB BLKY,
PREDY FRM, OCCLY BRIT. WK
CALC.

SH: DK GY-GY, PLTY-SB PLTY, MOD
SFT-FRM, WK FISS, V FY LAM, TR FY
DISSM PYR. MARL: GY-DK GY, SB PLTY,
SME SB BLKY, MOD FRM-FRM, OCC
SLT, V CALC. SLTST: GY-DK GY, SB
PLTY-SB BLKY, PREDY FRM, OCCLY
BRIT. WK CALC.

CHK: LT GY-DK GY, MOT, SB BLKY-SB PLTY, CHK: LT GY-DK GY, MOT, SB BLKY-SB
SL HRD, BRIT, V CALC. SH: DK GY-GY, PLTY, SL HRD, OCC ELG CHK STRG,
PLTY-SB PLTY, MOD SFT-FRM, WK FISS, V FY V CALC. MARL: GY-DK GY, SB PLTY,
LAM, TR FY DISSM PYR. MARL: GY-DK GY, SB SME SB BLKY, MOD FRM-FRM, OCC
PLTY, SME SB BLKY, MOD FRM-FRM, OCC SLT, V CALC. RR SLTST: GY-LT GY, SB
SLT, V CALC. RR SLTST: GY-LT GY, SB SB BLKY, PREDY FRM, OCCLY BRIT.



MD: 7.062'
Inclination: 53.4°
Azimuth: 288.6°
TVD: 6.901.0'

MD: 7.156'
Inclination: 63.3°
Azimuth: 281.9°
TVD: 6.950.2'

MD: 7.
Inclina
Azimutu
TVD: 6.

