Braun Oil & Gas

Braun Oil & Gas
1234 Main Street
Suite 100
Anytown, USA 12345

Well: Braun #1
Location: Sec 12, T1N, R1W
Elevation: 1,250 ft GL
Operator: Braun Oil & Gas
Contractor: Drilling Co. Rig #3
Spud Date: 03/15/2024
Completion Date: 04/02/2024
Total Depth: 2,500 ft

Casing	Size	Weight	Grade	Set Depth	Cement	Top
Surface	8 5/8"	24 lb/ft	J-55	300 ft	150 sx	Surface
Production	5 1/2"	15.5 lb/ft	J-55	2,500 ft	200 sx	1,800 ft

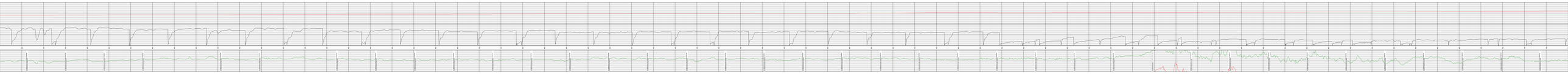
Tubing	Size	Weight	Grade	Set Depth
	2 3/8"	4.7 lb/ft	J-55	2,450 ft

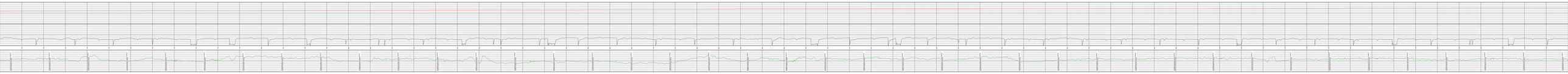
Perforations	Top	Bottom	Shots/Ft	Phase
Perf 1	2,400 ft	2,410 ft	4	90°

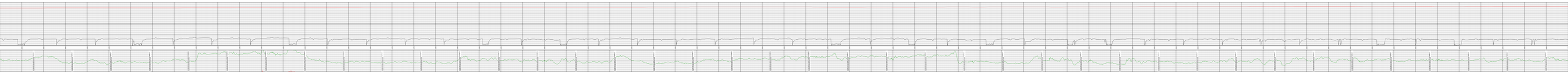
Formation	Top	Base
Surface	0 ft	300 ft
Clay	300 ft	1,200 ft
Sand	1,200 ft	1,500 ft
Shale	1,500 ft	2,400 ft
Pay Sand	2,400 ft	2,500 ft

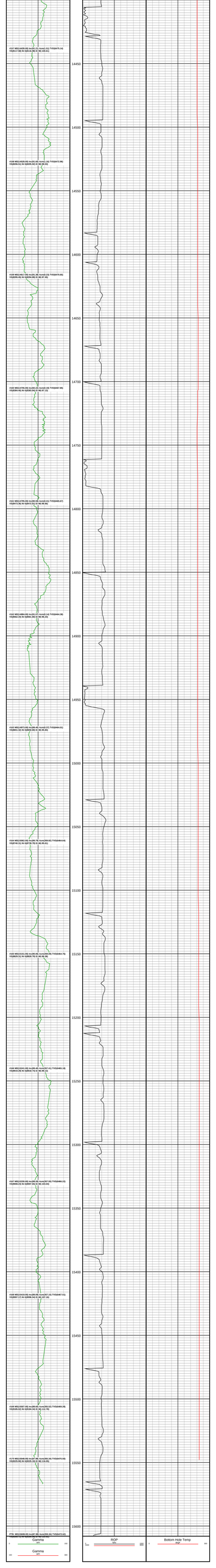
Date	Depth	Activity	Hours
03/15/2024	0 ft	Spud well, drill surface hole	12
03/16/2024	300 ft	Run and cement surface casing	8
03/17/2024	1,200 ft	Drill to 1,200 ft	10
03/18/2024	2,500 ft	Drill to TD, log well	14
03/19/2024	2,500 ft	Run production casing, cement	6
03/20/2024	2,500 ft	Perforate and frac Perf 1	8
03/21/2024	2,500 ft	Run tubing, swab well	6
03/22/2024	2,500 ft	Rig down, clean location	4

Gamma Ray (GR) Resistivity (RES) Neutron Porosity (NPHI) Density (RHOB) Caliper (CALI) Spontaneous Potential (SP) Bit Size (BS) Rate of Penetration (ROP) Weight on Bit (WOB) Rotary Speed (RPM) Torque (TQ) Standpipe Pressure (SPP) Flow In (FLOW) Mud Weight In (MW) Mud Weight Out (MWO) Viscosity (VIS) Pit Volume (PVT) Hookload (HKLD) Block Position (BPOS) Gas Units (GAS) Total Gas (TG) Chromatograph C1 (C1) Chromatograph C2 (C2) Chromatograph C3 (C3) Chromatograph C4 (C4) Chromatograph C5 (C5) Chromatograph CO2 (CO2) Chromatograph N2 (N2) Hydrogen Sulfide (H2S) Lithology Porosity Saturation Permeability Fracture Gradient Pore Pressure Overburden Gradient Equivalent Circulating Density (ECD) Annular Velocity Slip Velocity Cuttings Concentration Hole Cleaning Index Torque and Drag Factor Differential Sticking Risk Wellbore Stability Index Kick Tolerance Trip Margin Surge Pressure Swab Pressure Connection Gas Background Gas Trip Gas Gas Cut Mud Weight Pump Rate Pump Pressure Slow Circulating Rate Pump Efficiency Mud Loss Rate Lost Circulation Material Concentration Mud Type Mud Additive Concentration Base Oil Content Water Content Solids Content Oil/Water Ratio Emulsion Stability Rheology Yield Point Plastic Viscosity Gel Strength 10 Second Gel Strength 10 Minute Filtration Rate Filter Cake Thickness pH Alkalinity Chloride Content Calcium Content Sand Content Methylene Blue Capacity Lime Content Electrical Stability Low Gravity Solids High Gravity Solids Average Specific Gravity Barite Content Bentonite Content Drilled Solids Content Corrected Solids Content Mud Balance Density Marsh Funnel Viscosity Rotational Viscometer 600 RPM Rotational Viscometer 300 RPM Rotational Viscometer 200 RPM Rotational Viscometer 100 RPM Rotational Viscometer 6 RPM Rotational Viscometer 3 RPM Gel Strength 10 Second Gel Strength 10 Minute Gel Strength 30 Minute Filtration Rate API Filtration Rate HTHP Filter Cake Thickness API Filter Cake Thickness HTHP pH Meter Alkalinity Mud Alkalinity Filtrate Alkalinity Chloride Content Calcium Content Magnesium Content Potass








#157 MD14409.00ft Ann(0.21) Ann(1.51) TVD5475.14ft
VS(6157.38) N(-5.01) E(-41.96) Dls(0.11)
#158 MD14509.00ft Ann(0.85) Ann(1.18) TVD5477.96ft
VS(6206.31) N(-5)E(59.82) Dls(0.66)
#159 MD14617.00ft Ann(1.28) Ann(0.23) TVD5479.89ft
VS(6259.48) N(-5)E(66.85) Dls(0.97)
#160 MD14709.00ft Ann(0.21) Ann(0.19) TVD5467.85ft
VS(6304.48) N(-5)E(83.84) Dls(0.87)
#161 MD14799.00ft Ann(0.28) Ann(0.41) TVD5469.67ft
VS(6347) N(-5)E(101.81) Dls(0.36)
#162 MD14899.00ft Ann(1.07) Ann(0.14) TVD5464.36ft
VS(6394.24) N(-5)E(121.96) Dls(0.25)
#163 MD14973.00ft Ann(0.44) Ann(0.27) TVD5464.61ft
VS(6431.37) N(-5)E(136.97) Dls(0.34)
#164 MD15062.00ft Ann(0.79) Ann(359.92) TVD5464.6ft
VS(6479.08) N(-5)E(154.78) Dls(0.81)
#165 MD15151.00ft Ann(0.06) Ann(359.58) TVD5464.75ft
VS(6529.31) N(-5)E(169.79) Dls(0.38)
#166 MD15243.00ft Ann(0.44) Ann(357.41) TVD5465.18ft
VS(6581.09) N(-5)E(183.74) Dls(0.51)
#167 MD15335.00ft Ann(0.62) Ann(357.93) TVD5466.22ft
VS(6636.53) N(-5)E(197.35) Dls(0.24)
#168 MD15433.00ft Ann(0.09) Ann(357.23) TVD5467.61ft
VS(6697.17) N(-5)E(208.34) Dls(0.18)
#169 MD15507.00ft Ann(0.62) Ann(356.52) TVD5469.29ft
VS(6743.07) N(-5)E(216.29) Dls(0.73)
#170 MD15548.00ft Ann(7.09) Ann(356.34) TVD5470.90ft
VS(6767) N(-5)E(220.25) Dls(0.23)
PTB: MD15608.00ft Ann(357.09) Ann(356.34) TVD5473.62ft
VS(6802.99) N(-5)E(225.71) Dls(0.00)
Gamma
0
150
API
Gamma
0
300
API
ROP
0
1000
MIN/FT
Bottom Hole Temp
0
500
degF