# Weideman Federal 2(S)-302

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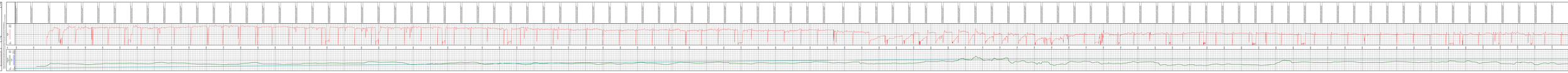
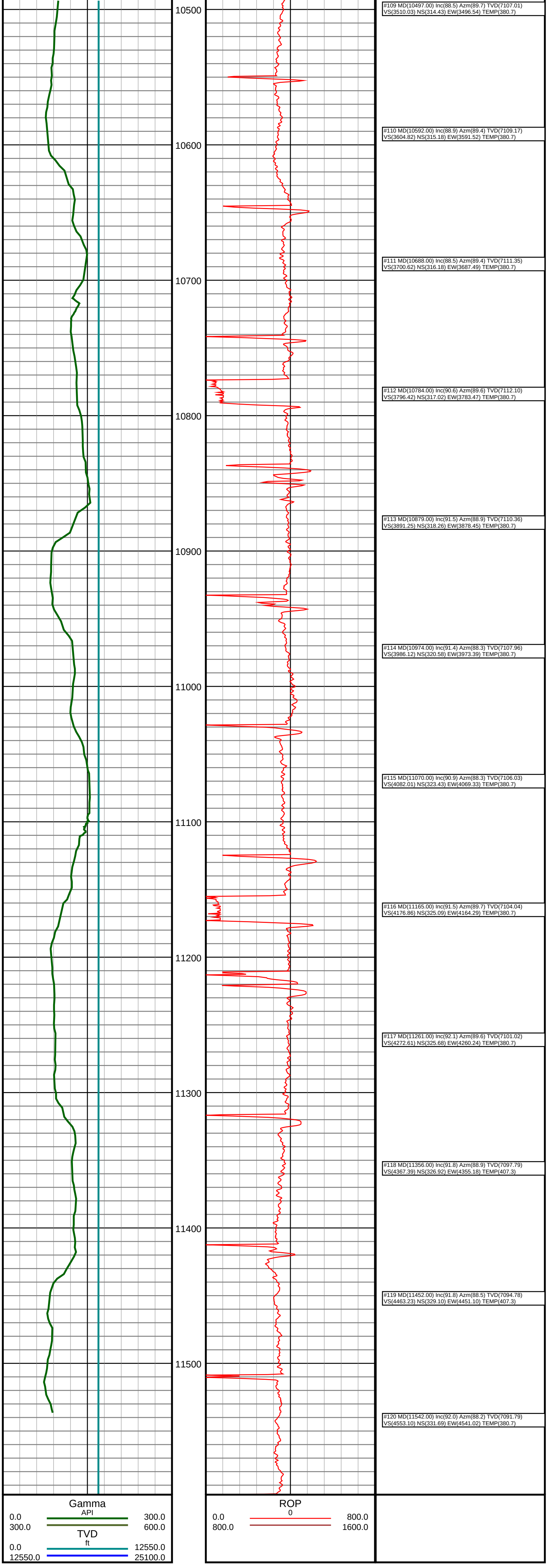
Operator: Kaiser-Francis Oil Co.
Contractor: Nabors Drilling USA
Rig: Nabors 29
Spud: 10-Jan-14
Spud Time: 1:00 AM
TD Reached: 20-Jan-14
TD Time: 10:00 PM
Rig Release: 21-Jan-14
Rig Release Time: 6:00 AM
Total Depth: 10,000'
Elevation: 3,000'
Casing: 9-5/8" @ 1,500'
Hole Size: 8-3/4"
Mud Type: Oil Base
Max Mud Wt: 10.0 ppg
Bit Type: PDC
Bit Hours: 120
Total Rotary Hours: 120
Total Circ Hours: 24
Max Gas: 1,000 units
Max Trip Gas: 1,000 units
Max Pump Gas: 1,000 units
Max Connection Gas: 1,000 units
Max H2S: 0 ppm
Max Temp: 150 F

| Lithology Percentages | | | | | | | |
|---|---|---|---|---|---|---|---|
| Shale: 100% | | | | | | Limestone: 0% | |
| Sandstone: 0% | | | | | | Dolomite: 0% | |
| Chert: 0% | | | | | | Anhydrite: 0% | |
| Coal: 0% | | | | | | Salt: 0% | |
| Total Gas | Max Gas | Max Trip Gas | Max Pump Gas | Max Connection Gas | Max H2S | Max Temp | |
| 1,000 units | 1,000 units | 1,000 units | 1,000 units | 1,000 units | 0 ppm | 150 F | |

| Date | Depth | Hole Size | Mud Type | Mud Wt | Bit Type | Bit Hours | Total Rotary Hours | Total Circ Hours |
|---|---|---|---|---|---|---|---|---|
| 20-Jan-14 | 10,000' | 8-3/4" | Oil Base | 10.0 ppg | PDC | 120 | 120 | 24 |




10500
10600
10700
10800
10900
11000
11100
11200
11300
11400
11500
#109 MD(10497.00) Inc(88.5) Azm(89.7) TVD(7107.01)
VS(3510.03) NS(314.43) EW(3496.54) TEMP(380.7)
#110 MD(10592.00) Inc(88.9) Azm(89.4) TVD(7109.17)
VS(3604.82) NS(315.18) EW(3591.52) TEMP(380.7)
#111 MD(10688.00) Inc(88.5) Azm(89.4) TVD(7111.35)
VS(3700.62) NS(316.18) EW(3687.49) TEMP(380.7)
#112 MD(10784.00) Inc(90.6) Azm(89.6) TVD(7112.10)
VS(3796.42) NS(317.02) EW(3783.47) TEMP(380.7)
#113 MD(10879.00) Inc(91.5) Azm(88.9) TVD(7110.36)
VS(3891.25) NS(318.26) EW(3878.45) TEMP(380.7)
#114 MD(10974.00) Inc(91.4) Azm(88.3) TVD(7107.96)
VS(3986.12) NS(320.58) EW(3973.39) TEMP(380.7)
#115 MD(11070.00) Inc(90.9) Azm(88.3) TVD(7106.03)
VS(4082.01) NS(323.43) EW(4069.33) TEMP(380.7)
#116 MD(11165.00) Inc(91.5) Azm(89.7) TVD(7104.04)
VS(4176.86) NS(325.09) EW(4164.29) TEMP(380.7)
#117 MD(11261.00) Inc(92.1) Azm(89.6) TVD(7101.02)
VS(4272.61) NS(325.68) EW(4260.24) TEMP(380.7)
#118 MD(11356.00) Inc(91.8) Azm(88.9) TVD(7097.79)
VS(4367.39) NS(326.92) EW(4355.18) TEMP(407.3)
#119 MD(11452.00) Inc(91.8) Azm(88.5) TVD(7094.78)
VS(4463.23) NS(329.10) EW(4451.10) TEMP(407.3)
#120 MD(11542.00) Inc(92.0) Azm(88.2) TVD(7091.79)
VS(4553.10) NS(331.69) EW(4541.02) TEMP(380.7)
Gamma
API
0.0 300.0
300.0 600.0
TVD
ft
0.0 12550.0
12550.0 25100.0
ROP
0
0.0 800.0
800.0 1600.0