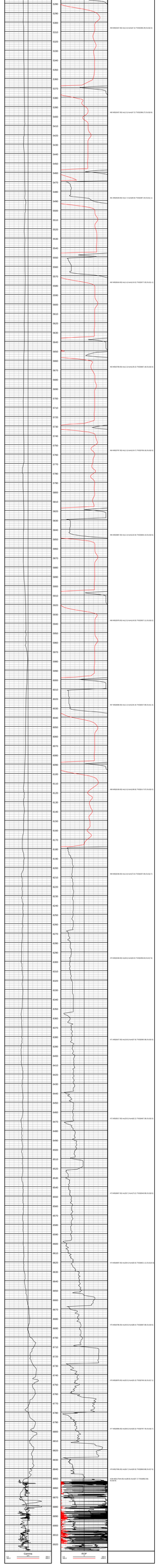

Judy 6S-302

TVD
5":100'

Company: PDC Energy Inc.
Well Name: Judy 6S-302
API: 05123457800
County/Parish: WELD
State: CO
Country: USA
Job number: 158-125
Field: WATTENBERG
Rig Id: Ensign 158
Survey Company: Ensign
Operator: Petroleum Development Corp.
Company Man: Jeremy Stolz/Shane Paris
Daylight DD: Danial Barton
Night DD: Richard Stahl
Daylight MWD: Justin Klatt
Night MWD: Ryan Prue

Log measurements:
Depth measured from: 1698 ft
Maximum temperature:

Depth	Date
Start: 0 ft	9-9-2018
End: 17604 ft	9-13-2018

Casing	Depth	Size
Surface:	1698 ft	9 5/8"
Intermediate:		

Mud Type: OBM
Density:
Viscosity:
Rm: **Rmf:** **Rmc:**

Elevations
KB: 23 ft
GL: 4794 ft
DF: 4817 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	12.5"		57.40 ft	0 ft	1698 ft	8-31-2018	8-31-2018
2	8.5"	62.08 ft	57.25 ft	1698 ft	17604 ft	9-9-2018	9-13-2018
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Ensign uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

#19 MD(1760.00) Inc(7.2) Azm(43.7) TVD(1754.93) DLS(0.5)
#20 MD(1850.00) Inc(8.3) Azm(40.2) TVD(1844.10) DLS(1.3)
#21 MD(1939.00) Inc(9.3) Azm(41.8) TVD(1932.05) DLS(1.2)
#22 MD(2028.00) Inc(9.3) Azm(41.6) TVD(2019.88) DLS(0.0)
#23 MD(2118.00) Inc(9.1) Azm(41.8) TVD(2108.73) DLS(0.2)
#24 MD(2207.00) Inc(9.0) Azm(41.6) TVD(2196.62) DLS(0.1)
#25 MD(2297.00) Inc(9.5) Azm(47.4) TVD(2285.45) DLS(1.2)
#26 MD(2386.00) Inc(9.2) Azm(49.0) TVD(2373.27) DLS(0.4)
#27 MD(2476.00) Inc(9.0) Azm(51.1) TVD(2462.13) DLS(0.4)
#28 MD(2565.00) Inc(8.8) Azm(53.9) TVD(2550.06) DLS(0.5)
#29 MD(2655.00) Inc(8.5) Azm(54.3) TVD(2639.04) DLS(0.3)
#30 MD(2745.00) Inc(8.7) Azm(52.8) TVD(2728.03) DLS(0.3)
#31 MD(2835.00) Inc(8.6) Azm(53.0) TVD(2817.00) DLS(0.1)
#32 MD(2925.00) Inc(8.9) Azm(52.7) TVD(2905.96) DLS(0.3)
#33 MD(3015.00) Inc(8.4) Azm(54.1) TVD(2994.93) DLS(0.6)
#34 MD(3105.00) Inc(8.8) Azm(50.7) TVD(3083.92) DLS(0.7)
#35 MD(3194.00) Inc(8.2) Azm(51.3) TVD(3171.94) DLS(0.7)
#36 MD(3283.00) Inc(8.5) Azm(44.6) TVD(3260.00) DLS(1.1)
#37 MD(3373.00) Inc(7.9) Azm(44.1) TVD(3349.08) DLS(0.7)
#38 MD(3463.00) Inc(8.8) Azm(41.1) TVD(3438.13) DLS(1.1)
#39 MD(3552.00) Inc(8.1) Azm(39.7) TVD(3526.16) DLS(0.8)
#40 MD(3642.00) Inc(9.0) Azm(38.8) TVD(3615.16) DLS(1.0)
#41 MD(3732.00) Inc(8.0) Azm(38.3) TVD(3704.17) DLS(1.1)
#42 MD(3822.00) Inc(10.2) Azm(41.4) TVD(3793.03) DLS(2.5)
#43 MD(3912.00) Inc(10.2) Azm(43.5) TVD(3881.61) DLS(0.4)
#44 MD(4002.00) Inc(10.1) Azm(42.0) TVD(3970.20) DLS(0.3)
#45 MD(4091.00) Inc(9.6) Azm(40.5) TVD(4057.89) DLS(0.6)
#46 MD(4181.00) Inc(9.0) Azm(37.9) TVD(4146.71) DLS(0.8)
#47 MD(4271.00) Inc(10.4) Azm(40.7) TVD(4235.42) DLS(1.6)
#48 MD(4361.00) Inc(9.7) Azm(40.7) TVD(4324.04) DLS(0.8)
#49 MD(4450.00) Inc(8.9) Azm(39.0) TVD(4411.87) DLS(1.0)
#50 MD(4540.00) Inc(7.9) Azm(42.7) TVD(4500.90) DLS(1.3)
#51 MD(4629.00) Inc(7.1) Azm(52.0) TVD(4589.14) DLS(1.6)
#52 MD(4719.00) Inc(5.1) Azm(63.9) TVD(4678.63) DLS(2.6)
#53 MD(4809.00) Inc(3.2) Azm(76.6) TVD(4768.39) DLS(2.3)
#54 MD(4899.00) Inc(0.9) Azm(76.4) TVD(4858.33) DLS(2.6)
#55 MD(4989.00) Inc(0.4) Azm(74.8) TVD(4948.32) DLS(0.6)
#56 MD(5078.00) Inc(0.7) Azm(56.4) TVD(5037.32) DLS(0.4)
#57 MD(5169.00) Inc(0.8) Azm(48.3) TVD(5128.31) DLS(0.2)
#58 MD(5258.00) Inc(0.8) Azm(58.3) TVD(5217.30) DLS(0.2)

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#59 MD(5347.00) Inc(1.0) Azm(47.4) TVD(5306.29) DLS(0.3)
#60 MD(5437.00) Inc(1.5) Azm(47.2) TVD(5396.27) DLS(0.6)
#61 MD(5528.00) Inc(1.7) Azm(83.8) TVD(5487.24) DLS(1.1)
#62 MD(5618.00) Inc(1.4) Azm(119.3) TVD(5577.20) DLS(1.1)
#63 MD(5708.00) Inc(1.3) Azm(135.3) TVD(5667.18) DLS(0.4)
#64 MD(5797.00) Inc(1.3) Azm(124.7) TVD(5756.16) DLS(0.3)
#65 MD(5887.00) Inc(1.3) Azm(142.8) TVD(5846.13) DLS(0.5)
#66 MD(5978.00) Inc(1.5) Azm(143.9) TVD(5937.11) DLS(0.2)
#67 MD(6068.00) Inc(1.2) Azm(191.9) TVD(6027.09) DLS(1.3)
#68 MD(6158.00) Inc(1.0) Azm(190.8) TVD(6117.07) DLS(0.2)
#69 MD(6248.00) Inc(1.8) Azm(72.0) TVD(6207.05) DLS(2.7)
#70 MD(6338.00) Inc(8.6) Azm(63.0) TVD(6296.63) DLS(7.6)
#71 MD(6427.00) Inc(16.8) Azm(57.8) TVD(6383.38) DLS(9.3)
#72 MD(6517.00) Inc(25.0) Azm(62.2) TVD(6467.39) DLS(9.3)
#73 MD(6607.00) Inc(30.7) Azm(73.2) TVD(6546.99) DLS(8.5)
#74 MD(6697.00) Inc(38.4) Azm(82.6) TVD(6621.11) DLS(10.4)
#75 MD(6786.00) Inc(45.9) Azm(88.4) TVD(6687.08) DLS(9.5)
#76 MD(6876.00) Inc(52.0) Azm(91.0) TVD(6746.16) DLS(7.1)
#77 MD(6966.00) Inc(58.0) Azm(92.0) TVD(6797.76) DLS(6.7)
#78 MD(7056.00) Inc(64.7) Azm(92.8) TVD(6840.88) DLS(7.5)
#194 MD(17544.00) Inc(90.8) Azm(87.7) TVD(6852.06) DLS(0.8)
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