

BP

Pressure Test Report

COMPANY INFORMATION

Company Name	HILCORP
Representative	PRISCILLA SHORTY
Phone	
Fax	
Address	

E-Mail Address	
Service Company	EXPERT DOWNHOLE SERVICES, INC.

WELL INFORMATION

Well Name	SAN JUAN 30-5 #219 POW
Well Location	T30N, R5W, SEC 16
Field and Pool	BASIN FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	3044-3080
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	13
Casing Flange (CF)	
KB-CF	
Ground Level	6344
Plug Back Total Depth	3096
Total Depth	3096
Production Casing	5 1/2 TO 3096
Production Tubing	2 3/8 TO 2864

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	6/3/20
Dead-weight Gauge Tubing Pressure	14
Dead-weight Gauge Casing Pressure	55
Shut-in Date (Duration)	
Date / Time on Bottom	6/3/20 @0854
Date / Time off Bottom	6/3/20 @0954

Probe Serial Number	
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3065

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	55.1 psig
Maximum Recorded Probe Temperature	114.6 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

Company Name HILCORP
Well Name SAN JUAN 30-5 #219 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/3/20



PROBE INFORMATION

Probe Serial Number

Model

Pressure

Calibrated Pressure Range

Accuracy

Resolution

Temperature

Calibrated Temperature Range

Accuracy

Resolution

Calibration File Used for Reports

PROGRAMMING DETAILS

<u>Step</u>	<u>Sample Mode</u>	<u>Period</u>	<u>Duration</u>	<u>Comment</u>
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Program Start Time

Program End Time

Total Samples Taken

Usage for this Test

Generic Data File Name

Company Name	HILCORP
Well Name	SAN JUAN 30-5 #219 POW
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	6/3/20



COMMENTS

Reported By

EXPERT DOWNHOLE SERVICES, INC.

RIH WITH 1.50 IMPRESSION BLOCK, TAGGED FILL @3069 WLM. RIH WITH BHP GAUGE TO 3065 WLM FOR 1 HOUR, THEN POOH MAKING 5 MINUTE STOPS PER REQUEST.

Company Name HILCORP
Well Name SAN JUAN 30-5 #219 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/3/20



Pressure vs. Depth

Probe Serial Number

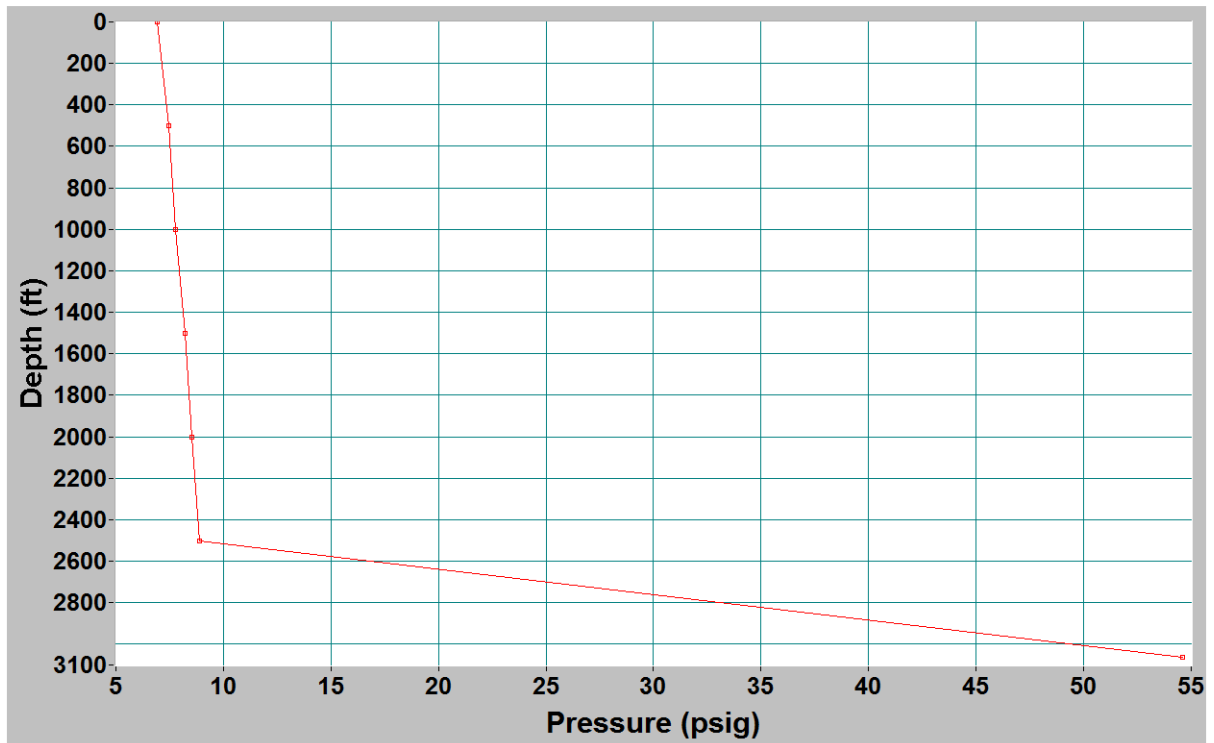
		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0854	0954	3065.000	54.603	-	99.831	-
0956	1001	2500.000	8.898	0.0809	109.474	-0.0171
1002	1007	2000.000	8.533	0.0007	105.332	0.0083
1008	1013	1500.000	8.217	0.0006	100.947	0.0088
1015	1020	1000.000	7.789	0.0009	96.402	0.0091
1021	1026	500.000	7.464	0.0006	90.927	0.0110
1027	1032	0.000	6.927	0.0011	85.233	0.0114

Extrapolated to MPP:

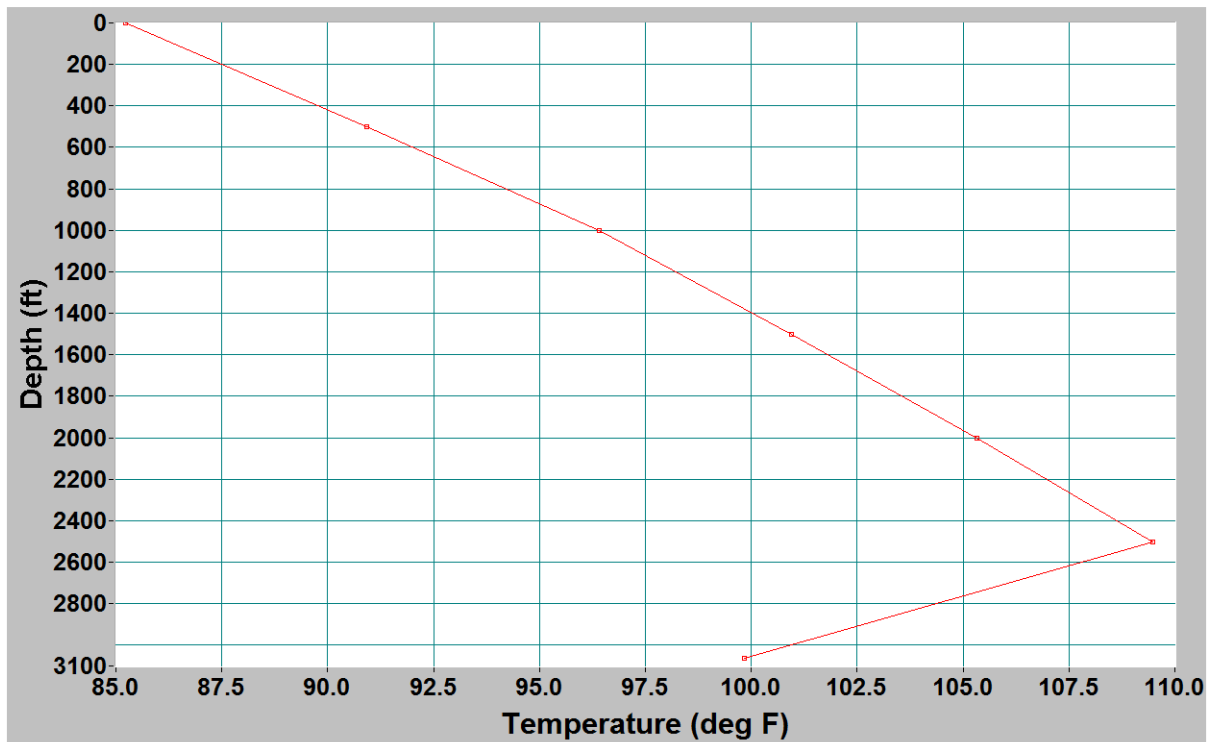
(ft)	(psig)	(deg F)
0.000		

Probe Serial Number

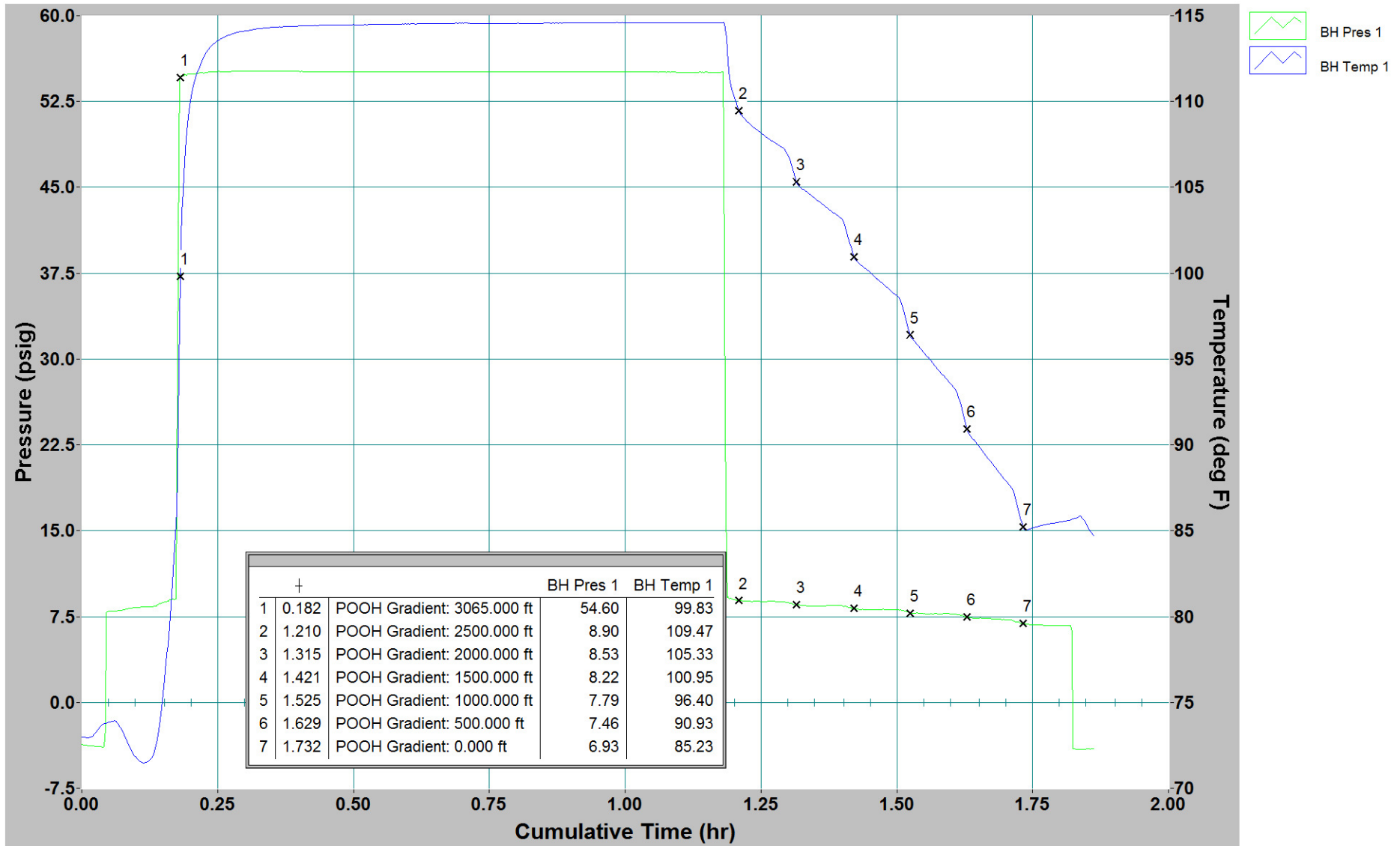
Depth vs. Pressure



Depth vs. Temperature



SAN JUAN 30-5 #219 POW 2020



Company Name HILCORP
Well Name SAN JUAN 30-5 #219 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/3/20



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/03	10:26:05	1.7083	7.222	87.613
2020/06/03	10:26:35	1.7167	7.113	87.107
2020/06/03	10:27:05	1.7250	7.014	86.092
POOH Gradient: 0.000 ft				
2020/06/03	10:27:30	1.7319	6.927	85.233
2020/06/03	10:27:35	1.7333	6.938	85.134
2020/06/03	10:28:05	1.7417	6.821	85.066
2020/06/03	10:28:35	1.7500	6.786	85.161
2020/06/03	10:29:05	1.7583	6.771	85.242
2020/06/03	10:29:35	1.7667	6.753	85.303
2020/06/03	10:30:05	1.7750	6.741	85.366
2020/06/03	10:30:35	1.7833	6.740	85.417
2020/06/03	10:31:05	1.7917	6.740	85.464
2020/06/03	10:31:35	1.8000	6.730	85.507
2020/06/03	10:32:05	1.8083	6.717	85.552
2020/06/03	10:32:35	1.8167	6.705	85.595
2020/06/03	10:33:05	1.8250	-4.054	85.703
2020/06/03	10:33:35	1.8333	-4.107	85.780
2020/06/03	10:34:05	1.8417	-4.106	85.732
2020/06/03	10:34:35	1.8500	-4.046	85.311
2020/06/03	10:35:05	1.8583	-4.061	84.879