

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE		5. Lease Serial No. NMNM29339
2. Name of Operator SOUTHLAND ROYALTY COMPANY LLC		6. If Indian, Allottee or Tribe Name
Contact: ERIC KITTINGER E-Mail: EKITTINGER@MSPARTNERS.COM		7. If Unit or CA/Agreement, Name and/or No. NMNM103101
3a. Address 400 W 7TH STREET FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-334-8302	8. Well Name and No. CARRACAS 10B 15
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T32N R4W SWSE 0725FSL 1770FEL 36.995800 N Lat, 107.238500 W Lon		9. API Well No. 30-039-25384-00-S1
		10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
		11. County or Parish, State RIO ARRIBA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
<i>BP</i>	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Southland Royalty Company LLC submits the attached 2020 Pressure Test Reports for continued TA/POW status of the Carracas 10B15.
This well was converted to a POW on 10/7/2010.

TA Status expires
09/12/2021

14. I hereby certify that the foregoing is true and correct. Electronic Submission #516598 verified by the BLM Well Information System For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 06/02/2020 (20JK0448SE)	
Name (Printed/Typed) CONNIE BLAYLOCK	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/26/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOE KILLINS Title ENGINEER	Date 06/02/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

AV

PHOENIX SERVICES, LLC

Job #: 13012WP

Company: Southland Royalty

Well Name: Carracas Unit 10 B

Well No.: 15

Field: Fruitland Coal

County/State: Rio Arriba NM

Formation: Fruitland Coal

Test Date: 10/9/2019

Ground Level (ft): Casing Pressure (psi): packer

Perfs (ft): Tubing Pressure (psi): 820

TD (ft): Fluid Level (ft):

PBTD (ft): Water Level (ft):

Tbg Size (in): 2 7/8 **to (ft):** KB (ft):

Csg Size (in): to (ft): Atmosphere Temperature (oF):

Packer (ft): Element No.: 90657

Seat Nipple (ft): Element Range (psi): 0-3500

Test Depth (ft): 2895 **Operator:** T Kleinhans **Unit No.:** 9

Well Status: shut in

	Depth	Temperature	Pressure	Differential	Differential	Gradient
Time	Feet	°F	Psig	Psi	Feet	Psi per Ft
1222	0	77.275	803.889			
1228	500	60.069	815.970	12.081	500	0.024162
1234	1000	68.873	823.920	7.950	500	0.015900
1240	1500	79.509	832.233	8.313	500	0.016626
1246	2000	93.344	841.374	9.141	500	0.018282
1252	2500	104.977	850.325	8.951	500	0.017902
1258	2750	111.227	855.336	5.011	250	0.020044
1305	2895	114.645	858.226	2.890	145	0.019931

Pressure Test Report

COMPANY INFORMATION

Company Name	SOUTHLAND ROYALTY
Representative	MIKE HOWE
Phone	
Fax	
Address	

E-Mail Address	
Service Company	PHOENIX SERVICES, LLC

WELL INFORMATION

Well Name	CARRACAS UNIT 10 B 15
Well Location	T32N, R4W
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	
Plug Back Total Depth	
Total Depth	
Production Casing	
Production Tubing	2 7/8

TEST INFORMATION

Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020
Dead-weight Gauge Tubing Pressure	820
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	10/9/2019 @ 1305 HRS
Date / Time off Bottom	5/12/2020 @ 1307 HRS
Probe Serial Number	13012WP
Probe Offset from End of Tool String	0-3500
Run Depth at Probe Pressure Port	2895

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	866.5 psig
Maximum Recorded Probe Temperature	118.4 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

Company Name	SOUTHLAND ROYALTY
Well Name	CARRACAS UNIT 10 B 15
Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020

PROBE INFORMATION

Probe Serial Number 13012WP
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	SOUTHLAND ROYALTY
Well Name	CARRACAS UNIT 10 B 15
Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020

COMMENTS

Reported By

PHOENIX SERVICES, LLC

10/9/19 - RU EXTRA LUBRICATOR-RAN 1.910 GR TO 2895'-SET DOWN-SN-RAN 2" C-1 RUNNING TOOL W/1.78 F W E PLUG AND TANDEM BHP GAUGES (5326, 5465) TO 2895' MAKING GRADIENT STOPS-LEFT GAUGES IN TO MONITOR WELL.

5/12/20 - RU EXTRA LUBRICATOR-RAN 1.910 GR TO 2895'-SET DOWN-RAN 2" RB W/B PROBE TO 2895'-RECOVERED 1.78 F W E PLUG & TANDEM BHP GAUGES.

Company Name	SOUTHLAND ROYALTY
Well Name	CARRACAS UNIT 10 B 15
Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020

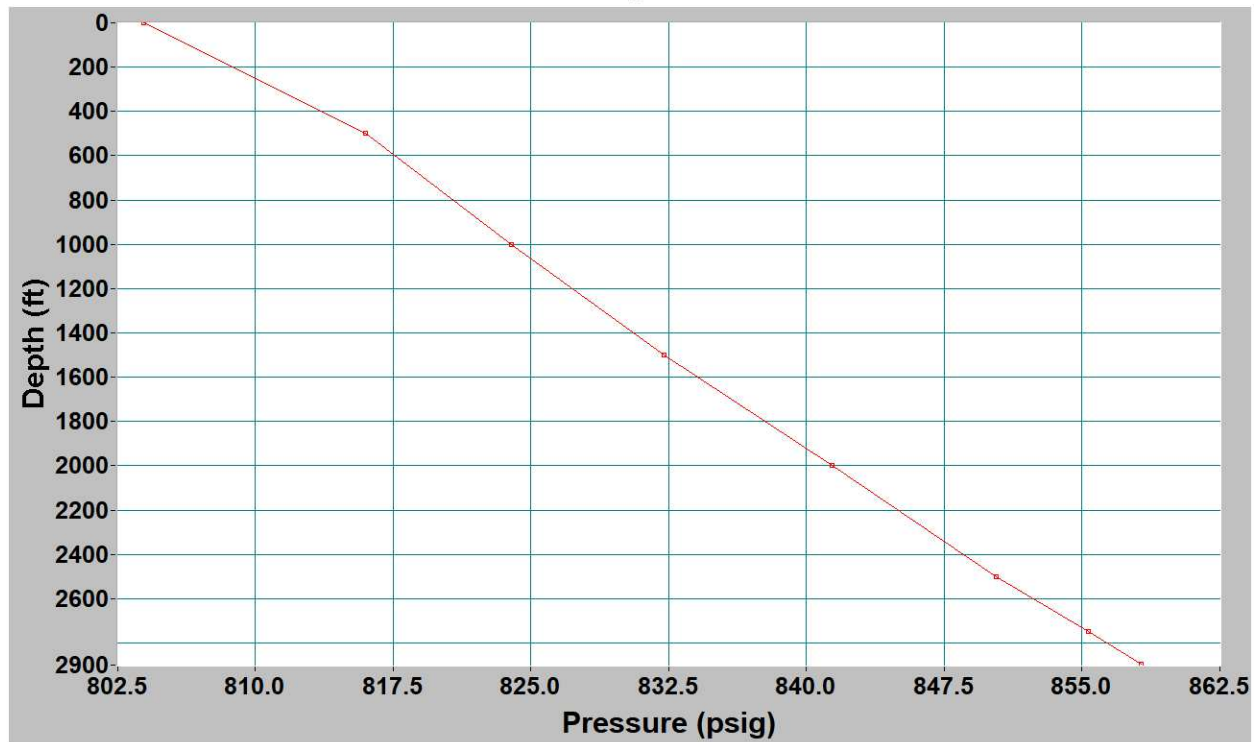
Pressure vs. Depth

Probe Serial Number 13012WP

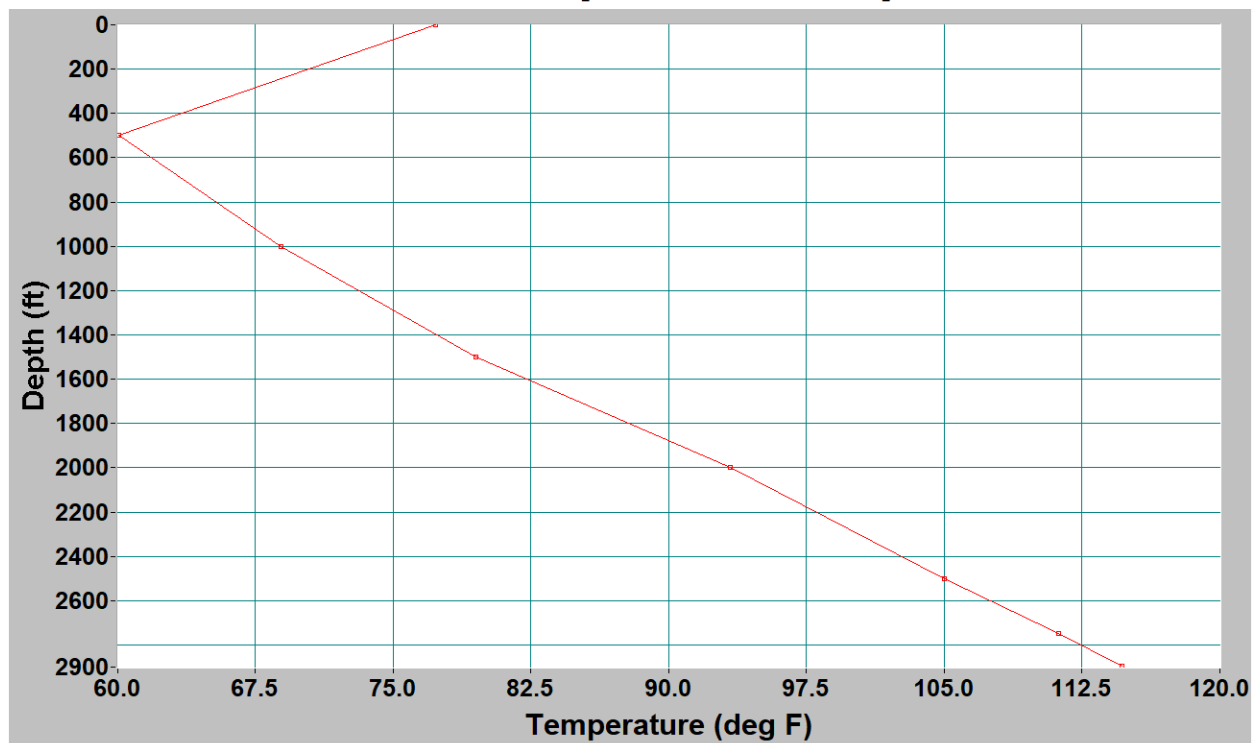
Stop Time From	Stop Time To	Depth (ft)	Pressure (psig)	Gradient (psi/ft)	(deg F)	(deg F/ft)
1222	1227	0.000	803.889	-	77.275	-
1228	1233	500.000	815.970	0.0242	60.069	-0.0344
1234	1239	1000.000	823.920	0.0159	68.873	0.0176
1240	1245	1500.000	832.233	0.0166	79.509	0.0213
1246	1251	2000.000	841.374	0.0183	93.344	0.0277
1252	1257	2500.000	850.325	0.0179	104.977	0.0233
1258	1303	2750.000	855.336	0.0200	111.227	0.0250
1305		2895.000	858.226	0.0199	114.654	0.0236

Extrapolated to MPP:	Depth (ft)	Pressure (psig)	(deg F)
	0.000		

RIH Gradient Depth vs. Pressure

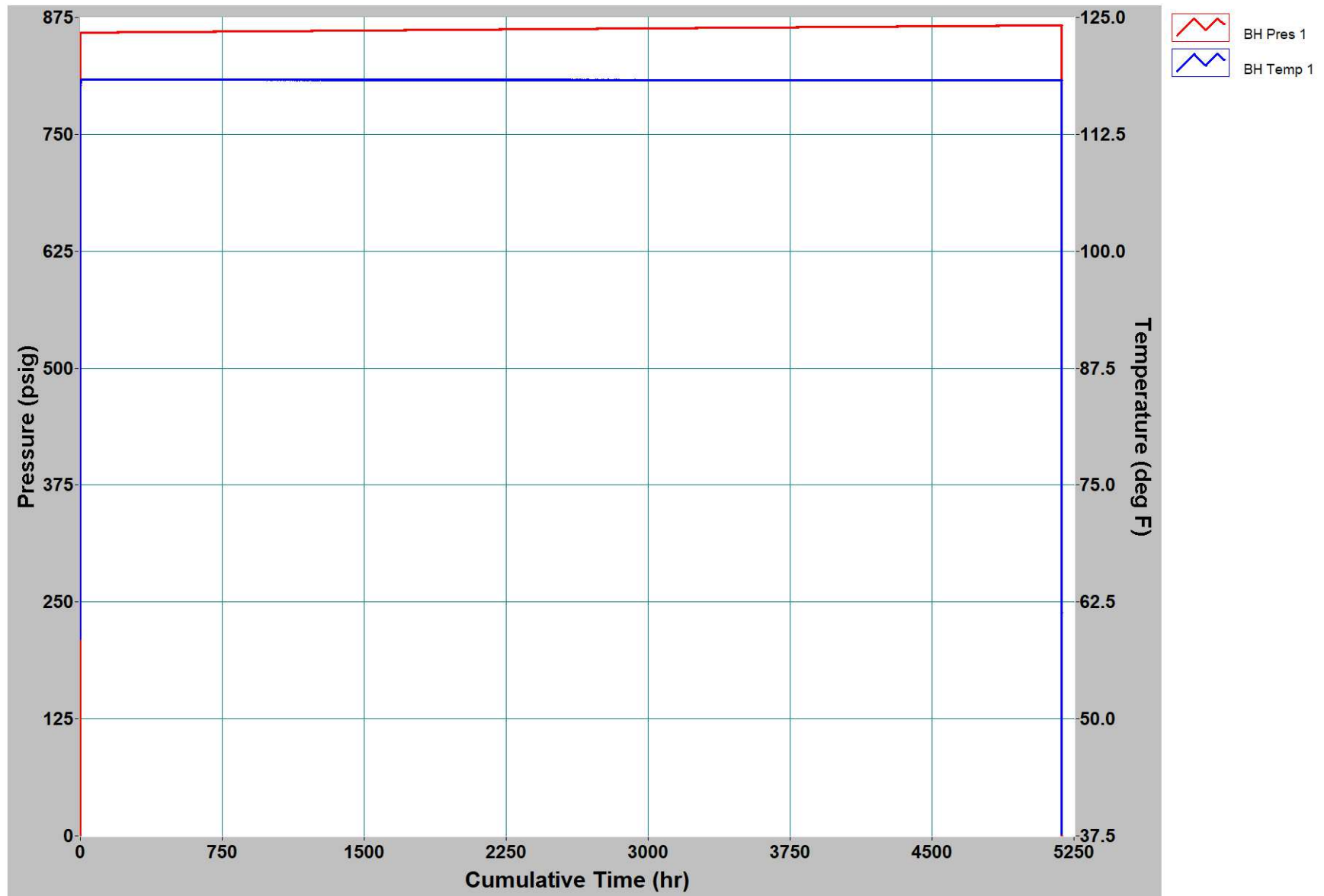


RIH Gradient Depth vs. Temperature



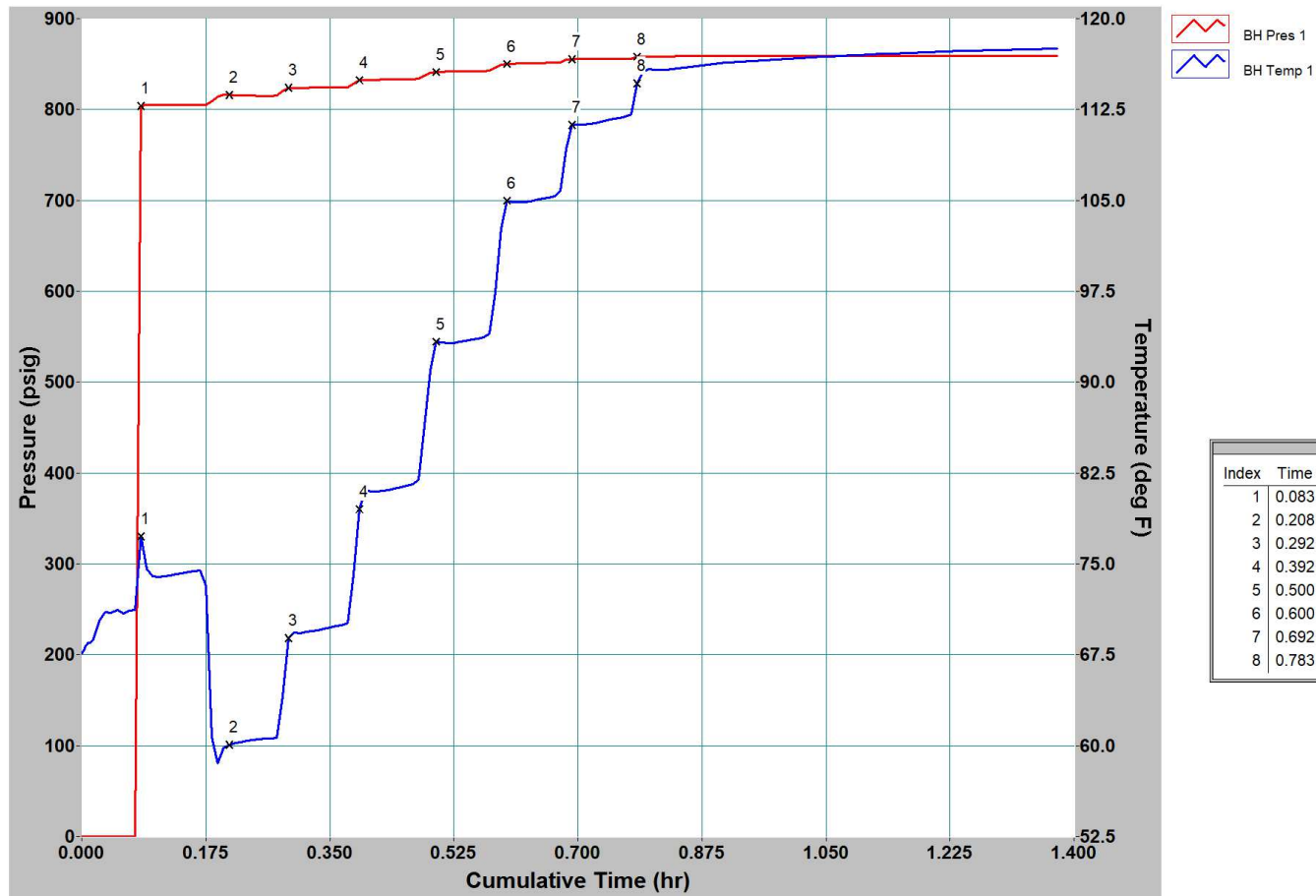
Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 10 B 15
Type of Test RIH GRADIENT & BUILDUP
Date(s) of Test 10/9/2019-5/12/2020

Carracas Unit 10 B 15



Company Name SOUTHLAND ROYALTY
 Well Name CARRACAS UNIT 10 B 15
 Type of Test RIH GRADIENT & BUILDUP
 Date(s) of Test 10/9/2019-5/12/2020

RIH Gradient Carracas Unit 10 B 15



Index	Time	Text	BH Pres 1	BH Temp 1
1	0.083	RIH Gradient: 0.000 ft	803.89	77.28
2	0.208	RIH Gradient: 500.000 ft	815.97	60.07
3	0.292	RIH Gradient: 1000.000 ft	823.92	68.87
4	0.392	RIH Gradient: 1500.000 ft	832.23	79.51
5	0.500	RIH Gradient: 2000.000 ft	841.37	93.34
6	0.600	RIH Gradient: 2500.000 ft	850.33	104.98
7	0.692	RIH Gradient: 2750.000 ft	855.34	111.23
8	0.783	RIH Gradient: 2895.000 ft	858.23	114.65

Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 10 B 15
Type of Test RIH GRADIENT & BUILDUP
Date(s) of Test 10/9/2019-5/12/2020

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2019/10/09	12:17:05	0.0000	0.000	67.606
RIH Gradient: 0.000 ft				
2019/10/09	12:22:05	0.0833	803.889	77.275
RIH Gradient: 500.000 ft				
2019/10/09	12:29:35	0.2083	815.970	60.069
RIH Gradient: 1000.000 ft				
2019/10/09	12:34:35	0.2917	823.920	68.873
RIH Gradient: 1500.000 ft				
2019/10/09	12:40:35	0.3917	832.233	79.509
RIH Gradient: 2000.000 ft				
2019/10/09	12:47:05	0.5000	841.374	93.344
RIH Gradient: 2500.000 ft				
2019/10/09	12:53:05	0.6000	850.325	104.977
RIH Gradient: 2750.000 ft				
2019/10/09	12:58:35	0.6917	855.336	111.227
RIH Gradient: 2895.000 ft				
2019/10/09	13:04:05	0.7833	858.226	114.654
2019/10/10	05:47:05	17.5000	858.704	118.342
2019/10/10	23:17:05	35.0000	858.728	118.332
2019/10/11	16:47:05	52.5000	858.750	118.341
2019/10/12	10:17:05	70.0000	858.758	118.335
2019/10/13	03:47:05	87.5000	858.791	118.337
2019/10/13	21:17:05	105.0000	858.818	118.337
2019/10/14	14:47:05	122.5000	858.837	118.332
2019/10/15	08:17:05	140.0000	858.875	118.341
2019/10/16	01:47:05	157.5000	858.896	118.339
2019/10/16	19:17:05	175.0000	858.944	118.328
2019/10/17	12:47:05	192.5000	858.968	118.335
2019/10/18	06:17:05	210.0000	858.993	118.332
2019/10/18	23:47:05	227.5000	859.028	118.344
2019/10/19	17:17:05	245.0000	859.048	118.332
2019/10/20	10:47:05	262.5000	859.070	118.339
2019/10/21	04:17:05	280.0000	859.091	118.333
2019/10/21	21:47:05	297.5000	859.131	118.337
2019/10/22	15:17:05	315.0000	859.158	118.339
2019/10/23	08:47:05	332.5000	859.177	118.332
2019/10/24	02:17:05	350.0000	859.214	118.332
2019/10/24	19:47:05	367.5000	859.243	118.333
2019/10/25	13:17:05	385.0000	859.253	118.335
2019/10/26	06:47:05	402.5000	859.286	118.333
2019/10/27	00:17:05	420.0000	859.310	118.333
2019/10/27	16:47:05	437.5000	859.347	118.344
2019/10/28	10:17:05	455.0000	859.368	118.344
2019/10/29	03:47:05	472.5000	859.395	118.341
2019/10/29	21:17:05	490.0000	859.415	118.333
2019/10/30	14:47:05	507.5000	859.452	118.333
2019/10/31	08:17:05	525.0000	859.469	118.342
2019/11/01	01:47:05	542.5000	859.495	118.339
2019/11/01	19:17:05	560.0000	859.530	118.332
2019/11/02	12:47:05	577.5000	859.572	118.335

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2019/11/03	06:17:05	595.0000	859.573	118.337
2019/11/03	23:47:05	612.5000	859.607	118.335
2019/11/04	17:17:05	630.0000	859.632	118.337
2019/11/05	10:47:05	647.5000	859.657	118.333
2019/11/06	04:17:05	665.0000	859.687	118.337
2019/11/06	21:47:05	682.5000	859.709	118.319
2019/11/07	15:17:05	700.0000	859.743	118.333
2019/11/08	08:47:05	717.5000	859.766	118.332
2019/11/09	02:17:05	735.0000	859.788	118.337
2019/11/09	19:47:05	752.5000	859.821	118.337
2019/11/10	13:17:05	770.0000	859.836	118.328
2019/11/11	06:47:05	787.5000	859.871	118.332
2019/11/12	00:17:05	805.0000	859.889	118.341
2019/11/12	17:47:05	822.5000	859.915	118.332
2019/11/13	11:17:05	840.0000	859.938	118.330
2019/11/14	04:47:05	857.5000	859.971	118.332
2019/11/14	22:17:05	875.0000	859.994	118.333
2019/11/15	15:47:05	892.5000	860.019	118.326
2019/11/16	09:17:05	910.0000	860.047	118.332
2019/11/17	02:47:05	927.5000	860.067	118.333
2019/11/17	20:17:05	945.0000	860.100	118.328
2019/11/18	13:47:05	962.5000	860.125	118.326
2019/11/19	07:17:05	980.0000	860.137	118.332
2019/11/20	00:47:05	997.5000	860.166	118.324
2019/11/20	18:17:05	1015.0000	860.204	118.328
2019/11/21	11:47:05	1032.5000	860.234	118.328
2019/11/22	05:17:05	1050.0000	860.268	118.326
2019/11/22	22:47:05	1067.5000	860.292	118.326
2019/11/23	16:17:05	1085.0000	860.326	118.324
2019/11/24	09:47:05	1102.5000	860.338	118.323
2019/11/25	03:17:05	1120.0000	860.371	118.324
2019/11/25	20:47:05	1137.5000	860.398	118.328
2019/11/26	14:17:05	1155.0000	860.429	118.324
2019/11/27	07:47:05	1172.5000	860.455	118.332
2019/11/28	01:17:05	1190.0000	860.474	118.330
2019/11/28	18:47:05	1207.5000	860.509	118.319
2019/11/29	12:17:05	1225.0000	860.540	118.330
2019/11/30	05:47:05	1242.5000	860.561	118.321
2019/11/30	23:17:05	1260.0000	860.594	118.323
2019/12/01	16:47:05	1277.5000	860.625	118.323
2019/12/02	10:17:05	1295.0000	860.658	118.328
2019/12/03	03:47:05	1312.5000	860.683	118.324
2019/12/03	21:17:05	1330.0000	860.712	118.330
2019/12/04	14:47:05	1347.5000	860.731	118.321
2019/12/05	08:17:05	1365.0000	860.762	118.321
2019/12/06	01:47:05	1382.5000	860.792	118.330
2019/12/06	19:17:05	1400.0000	860.820	118.321
2019/12/07	12:47:05	1417.5000	860.853	118.321
2019/12/08	06:17:05	1435.0000	860.879	118.326
2019/12/08	23:47:05	1452.5000	860.904	118.321

Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 10 B 15
Type of Test RIH GRADIENT & BUILDUP
Date(s) of Test 10/9/2019-5/12/2020

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2019/12/09	17:17:05	1470.0000	860.929	118.319
2019/12/10	10:47:05	1487.5000	860.956	118.328
2019/12/11	04:17:05	1505.0000	860.989	118.324
2019/12/11	21:47:05	1522.5000	861.011	118.317
2019/12/12	15:17:05	1540.0000	861.044	118.324
2019/12/13	08:47:05	1557.5000	861.072	118.321
2019/12/14	02:17:05	1575.0000	861.093	118.324
2019/12/14	19:47:05	1592.5000	861.130	118.323
2019/12/15	13:17:05	1610.0000	861.158	118.319
2019/12/16	06:47:05	1627.5000	861.178	118.319
2019/12/17	00:17:05	1645.0000	861.208	118.323
2019/12/17	17:47:05	1662.5000	861.238	118.326
2019/12/18	11:17:05	1680.0000	861.264	118.323
2019/12/19	04:47:05	1697.5000	861.282	118.315
2019/12/19	22:17:05	1715.0000	861.314	118.315
2019/12/20	15:47:05	1732.5000	861.341	118.321
2019/12/21	09:17:05	1750.0000	861.380	118.315
2019/12/22	02:47:05	1767.5000	861.400	118.323
2019/12/22	20:17:05	1785.0000	861.422	118.324
2019/12/23	13:47:05	1802.5000	861.448	118.315
2019/12/24	07:17:05	1820.0000	861.485	118.323
2019/12/25	00:47:05	1837.5000	861.504	118.314
2019/12/25	18:17:05	1855.0000	861.539	118.314
2019/12/26	11:47:05	1872.5000	861.566	118.312
2019/12/27	05:17:05	1890.0000	861.590	118.314
2019/12/27	22:47:05	1907.5000	861.622	118.310
2019/12/28	16:17:05	1925.0000	861.640	118.312
2019/12/29	09:47:05	1942.5000	861.682	118.315
2019/12/30	03:17:05	1960.0000	861.698	118.315
2019/12/30	20:47:05	1977.5000	861.732	118.314
2019/12/31	14:17:05	1995.0000	861.757	118.317
2020/01/01	07:47:05	2012.5000	861.775	118.308
2020/01/02	01:17:05	2030.0000	861.807	118.314
2020/01/02	18:47:05	2047.5000	861.830	118.319
2020/01/03	12:17:05	2065.0000	861.856	118.315
2020/01/04	05:47:05	2082.5000	861.887	118.312
2020/01/04	23:17:05	2100.0000	861.918	118.314
2020/01/05	16:47:05	2117.5000	861.939	118.308
2020/01/06	10:17:05	2135.0000	861.975	118.314
2020/01/07	03:47:05	2152.5000	862.000	118.319
2020/01/07	21:17:05	2170.0000	862.013	118.306
2020/01/08	14:47:05	2187.5000	862.047	118.312
2020/01/09	08:17:05	2205.0000	862.078	118.308
2020/01/10	01:47:05	2222.5000	862.099	118.312
2020/01/10	19:17:05	2240.0000	862.131	118.303
2020/01/11	12:47:05	2257.5000	862.156	118.306
2020/01/12	06:17:05	2275.0000	862.180	118.306
2020/01/12	23:47:05	2292.5000	862.206	118.305
2020/01/13	17:17:05	2310.0000	862.237	118.299
2020/01/14	10:47:05	2327.5000	862.251	118.303

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/01/15	04:17:05	2345.0000	862.290	118.310
2020/01/15	21:47:05	2362.5000	862.310	118.306
2020/01/16	15:17:05	2380.0000	862.348	118.306
2020/01/17	08:47:05	2397.5000	862.377	118.312
2020/01/18	02:17:05	2415.0000	862.401	118.310
2020/01/18	19:47:05	2432.5000	862.420	118.315
2020/01/19	13:17:05	2450.0000	862.453	118.306
2020/01/20	06:47:05	2467.5000	862.476	118.305
2020/01/21	00:17:05	2485.0000	862.502	118.303
2020/01/21	17:47:05	2502.5000	862.529	118.301
2020/01/22	11:17:05	2520.0000	862.558	118.303
2020/01/23	04:47:05	2537.5000	862.593	118.305
2020/01/23	22:17:05	2555.0000	862.616	118.310
2020/01/24	15:47:05	2572.5000	862.642	118.308
2020/01/25	09:17:05	2590.0000	862.670	118.301
2020/01/26	02:47:05	2607.5000	862.686	118.303
2020/01/26	20:17:05	2625.0000	862.726	118.299
2020/01/27	13:47:05	2642.5000	862.743	118.310
2020/01/28	07:17:05	2660.0000	862.776	118.306
2020/01/29	00:47:05	2677.5000	862.786	118.305
2020/01/29	18:17:05	2695.0000	862.831	118.305
2020/01/30	11:47:05	2712.5000	862.853	118.306
2020/01/31	05:17:05	2730.0000	862.887	118.299
2020/01/31	22:47:05	2747.5000	862.907	118.296
2020/02/01	16:17:05	2765.0000	862.944	118.303
2020/02/02	09:47:05	2782.5000	862.958	118.305
2020/02/03	03:17:05	2800.0000	862.979	118.303
2020/02/03	20:47:05	2817.5000	863.003	118.301
2020/02/04	14:17:05	2835.0000	863.038	118.297
2020/02/05	07:47:05	2852.5000	863.061	118.303
2020/02/06	01:17:05	2870.0000	863.078	118.305
2020/02/06	18:47:05	2887.5000	863.110	118.297
2020/02/07	12:17:05	2905.0000	863.143	118.306
2020/02/08	05:47:05	2922.5000	863.164	118.301
2020/02/08	23:17:05	2940.0000	863.183	118.305
2020/02/09	16:47:05	2957.5000	863.219	118.299
2020/02/10	10:17:05	2975.0000	863.244	118.292
2020/02/11	03:47:05	2992.5000	863.269	118.301
2020/02/11	21:17:05	3010.0000	863.300	118.305
2020/02/12	14:47:05	3027.5000	863.327	118.305
2020/02/13	08:17:05	3045.0000	863.351	118.299
2020/02/14	01:47:05	3062.5000	863.370	118.310
2020/02/14	19:17:05	3080.0000	863.400	118.296
2020/02/15	12:47:05	3097.5000	863.424	118.299
2020/02/16	06:17:05	3115.0000	863.451	118.292
2020/02/16	23:47:05	3132.5000	863.479	118.297
2020/02/17	17:17:05	3150.0000	863.506	118.297
2020/02/18	10:47:05	3167.5000	863.533	118.296
2020/02/19	04:17:05	3185.0000	863.561	118.297
2020/02/19	21:47:05	3202.5000	863.588	118.303

Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 10 B 15
Type of Test RIH GRADIENT & BUILDUP
Date(s) of Test 10/9/2019-5/12/2020

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/02/20	15:17:05	3220.0000	863.618	118.306
2020/02/21	08:47:05	3237.5000	863.630	118.301
2020/02/22	02:17:05	3255.0000	863.666	118.296
2020/02/22	19:47:05	3272.5000	863.689	118.303
2020/02/23	13:17:05	3290.0000	863.711	118.303
2020/02/24	06:47:05	3307.5000	863.742	118.297
2020/02/25	00:17:05	3325.0000	863.762	118.301
2020/02/25	17:47:05	3342.5000	863.788	118.294
2020/02/26	11:17:05	3360.0000	863.818	118.294
2020/02/27	04:47:05	3377.5000	863.839	118.292
2020/02/27	22:17:05	3395.0000	863.866	118.301
2020/02/28	15:47:05	3412.5000	863.890	118.294
2020/02/29	09:17:05	3430.0000	863.919	118.297
2020/03/01	02:47:05	3447.5000	863.942	118.306
2020/03/01	20:17:05	3465.0000	863.964	118.297
2020/03/02	13:47:05	3482.5000	863.991	118.292
2020/03/03	07:17:05	3500.0000	864.007	118.292
2020/03/04	00:47:05	3517.5000	864.036	118.292
2020/03/04	18:17:05	3535.0000	864.057	118.288
2020/03/05	11:47:05	3552.5000	864.093	118.294
2020/03/06	05:17:05	3570.0000	864.128	118.290
2020/03/06	22:47:05	3587.5000	864.134	118.296
2020/03/07	16:17:05	3605.0000	864.167	118.290
2020/03/08	09:47:05	3622.5000	864.193	118.285
2020/03/09	03:17:05	3640.0000	864.214	118.297
2020/03/09	20:47:05	3657.5000	864.242	118.296
2020/03/10	14:17:05	3675.0000	864.266	118.288
2020/03/11	07:47:05	3692.5000	864.300	118.287
2020/03/12	01:17:05	3710.0000	864.322	118.292
2020/03/12	18:47:05	3727.5000	864.355	118.292
2020/03/13	12:17:05	3745.0000	864.378	118.290
2020/03/14	05:47:05	3762.5000	864.402	118.290
2020/03/14	23:17:05	3780.0000	864.428	118.292
2020/03/15	16:47:05	3797.5000	864.453	118.290
2020/03/16	10:17:05	3815.0000	864.486	118.292
2020/03/17	03:47:05	3832.5000	864.514	118.292
2020/03/17	21:17:05	3850.0000	864.530	118.288
2020/03/18	14:47:05	3867.5000	864.565	118.288
2020/03/19	08:17:05	3885.0000	864.578	118.288
2020/03/20	01:47:05	3902.5000	864.606	118.290
2020/03/20	19:17:05	3920.0000	864.647	118.288
2020/03/21	12:47:05	3937.5000	864.664	118.288
2020/03/22	06:17:05	3955.0000	864.699	118.296
2020/03/22	23:47:05	3972.5000	864.715	118.292
2020/03/23	17:17:05	3990.0000	864.744	118.287
2020/03/24	10:47:05	4007.5000	864.779	118.292
2020/03/25	04:17:05	4025.0000	864.794	118.288
2020/03/25	21:47:05	4042.5000	864.825	118.287
2020/03/26	15:17:05	4060.0000	864.843	118.288
2020/03/27	08:47:05	4077.5000	864.878	118.288

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/03/28	02:17:05	4095.0000	864.902	118.294
2020/03/28	19:47:05	4112.5000	864.923	118.288
2020/03/29	13:17:05	4130.0000	864.950	118.288
2020/03/30	06:47:05	4147.5000	864.979	118.290
2020/03/31	00:17:05	4165.0000	865.003	118.288
2020/03/31	17:47:05	4182.5000	865.025	118.292
2020/04/01	11:17:05	4200.0000	865.042	118.287
2020/04/02	04:47:05	4217.5000	865.080	118.290
2020/04/02	22:17:05	4235.0000	865.104	118.292
2020/04/03	15:47:05	4252.5000	865.134	118.283
2020/04/04	09:17:05	4270.0000	865.155	118.294
2020/04/05	03:47:05	4287.5000	865.184	118.288
2020/04/05	21:17:05	4305.0000	865.200	118.290
2020/04/06	14:47:05	4322.5000	865.234	118.292
2020/04/07	08:17:05	4340.0000	865.265	118.288
2020/04/08	01:47:05	4357.5000	865.291	118.287
2020/04/08	19:17:05	4375.0000	865.326	118.288
2020/04/09	12:47:05	4392.5000	865.344	118.288
2020/04/10	06:17:05	4410.0000	865.375	118.285
2020/04/10	23:47:05	4427.5000	865.398	118.290
2020/04/11	17:17:05	4445.0000	865.412	118.283
2020/04/12	10:47:05	4462.5000	865.444	118.288
2020/04/13	04:17:05	4480.0000	865.478	118.285
2020/04/13	21:47:05	4497.5000	865.492	118.288
2020/04/14	15:17:05	4515.0000	865.514	118.279
2020/04/15	08:47:05	4532.5000	865.537	118.285
2020/04/16	02:17:05	4550.0000	865.574	118.283
2020/04/16	19:47:05	4567.5000	865.594	118.281
2020/04/17	13:17:05	4585.0000	865.621	118.281
2020/04/18	06:47:05	4602.5000	865.651	118.283
2020/04/19	00:17:05	4620.0000	865.672	118.279
2020/04/19	17:47:05	4637.5000	865.706	118.279
2020/04/20	11:17:05	4655.0000	865.733	118.288
2020/04/21	04:47:05	4672.5000	865.760	118.278
2020/04/21	22:17:05	4690.0000	865.778	118.283
2020/04/22	15:47:05	4707.5000	865.804	118.287
2020/04/23	09:17:05	4725.0000	865.831	118.279
2020/04/24	02:47:05	4742.5000	865.857	118.279
2020/04/24	20:17:05	4760.0000	865.887	118.281
2020/04/25	13:47:05	4777.5000	865.908	118.279
2020/04/26	07:17:05	4795.0000	865.931	118.285
2020/04/27	00:47:05	4812.5000	865.959	118.278
2020/04/27	18:17:05	4830.0000	865.988	118.281
2020/04/28	11:47:05	4847.5000	866.008	118.279
2020/04/29	05:17:05	4865.0000	866.032	118.283
2020/04/29	22:47:05	4882.5000	866.060	118.281
2020/04/30	16:17:05	4900.0000	866.084	118.279
2020/05/01	09:47:05	4917.5000	866.112	118.283
2020/05/02	03:17:05	4935.0000	866.131	118.287
2020/05/02	20:47:05	4952.5000	866.154	118.278

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Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/05/03	14:17:05	4970.0000	866.187	118.269
2020/05/04	07:47:05	4987.5000	866.218	118.279
2020/05/05	01:17:05	5005.0000	866.237	118.274
2020/05/05	18:47:05	5022.5000	866.269	118.279
2020/05/06	12:17:05	5040.0000	866.281	118.274
2020/05/07	05:47:05	5057.5000	866.317	118.274
2020/05/07	23:17:05	5075.0000	866.345	118.278
2020/05/08	16:47:05	5092.5000	866.364	118.281
2020/05/09	10:17:05	5110.0000	866.386	118.276
2020/05/10	03:47:05	5127.5000	866.420	118.279
2020/05/10	21:17:05	5145.0000	866.438	118.276
2020/05/11	14:47:05	5162.5000	866.462	118.278
2020/05/12	08:17:05	5180.0000	866.495	118.274