

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.5. Lease Serial No.
NMNM30014

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM1126548. Well Name and No.
CARRACAS 21B 59. API Well No.
30-039-24421-00-S110. Field and Pool or Exploratory Area
BASIN FRUITLAND COAL11. County or Parish, State
RIO ARRIBA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE

2. Name of Operator

SOUTHLAND ROYALTY COMPANY LLC
Contact: ERIC KITTINGER
E-Mail: EKITTINGER@MSPARTNERS.COM

3a. Address

400 W 7TH STREET
FORT WORTH, TX 76102

3b. Phone No. (include area code)

Ph: 817-334-8302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 21 T32N R4W SWNW 1655FNL 1185FWL
36.974870 N Lat, 107.264420 W Lon

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 recomplate 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 recompletion 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 to continue approved TA/POW status of the Carracas 21B #5.

This well was converted to a POW on 10/14/2009. TA status has been approved by the NMOCD through 6/13/2024.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #516565 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 06/01/2020 (20JK0434SE)

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

ACCEPTEDJOE KILLINS
Title ENGINEER

Date 06/01/2020

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

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 21 B 5
Well Location	RIO ARRIBA COUNTY, NM
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 3/8

TEST INFORMATION

Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020
Dead-weight Gauge Tubing Pressure	1180
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	10/9/2019 @ 1113 HRS
Date / Time off Bottom	5/12/2020 @ 1154 HRS
Probe Serial Number	5472
Probe Offset from End of Tool String	0-3500
Run Depth at Probe Pressure Port	4066

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1284.2 psig
Maximum Recorded Probe Temperature	131.3 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	13011WP

Company Name	SOUTHLAND ROYALTY
Well Name	CARRACAS UNIT 21 B 5
Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020

PROBE INFORMATION

Probe Serial Number 5472
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 21 B 5
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 4066'-SET DOWN-RAN 2" C-1 RUNNING TOOL W/1.78 F W E PLUG W/TANDEM BHP GAUGES (5472, 5473) TO 4066' MAKING GRADIENT STOPS-LEFT GAUGES IN TO MONITOR WELL.

5/12/20 - RU EXTRA LUBRICATOR-RAN 1.910 GR TO 4066'-SET DOWN-RAN 2" RB W/B PROBE TO 4066'-RECOVERED 1.78 F W E PLUG W/TANDEM BHP GAUGES.

Company Name	SOUTHLAND ROYALTY
Well Name	CARRACAS UNIT 21 B 5
Type of Test	RIH GRADIENT & BUILDUP
Date(s) of Test	10/9/2019-5/12/2020

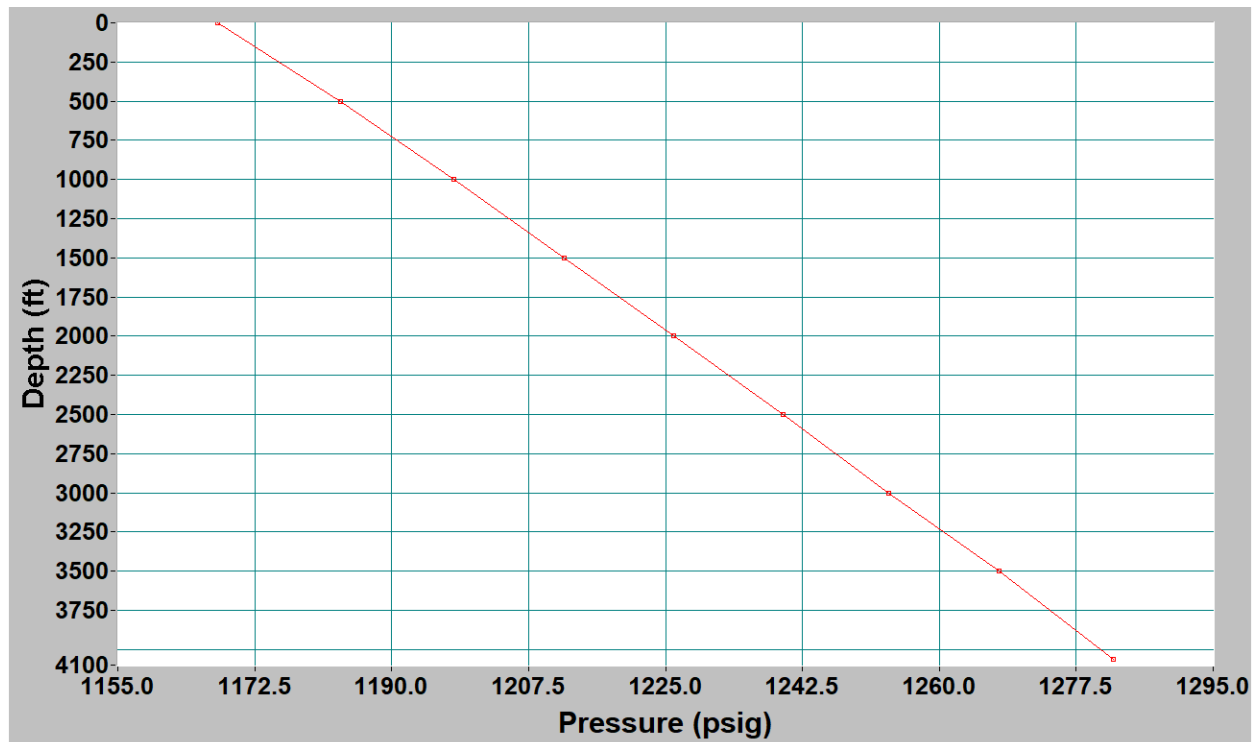
Pressure vs. Depth

Probe Serial Number 5472

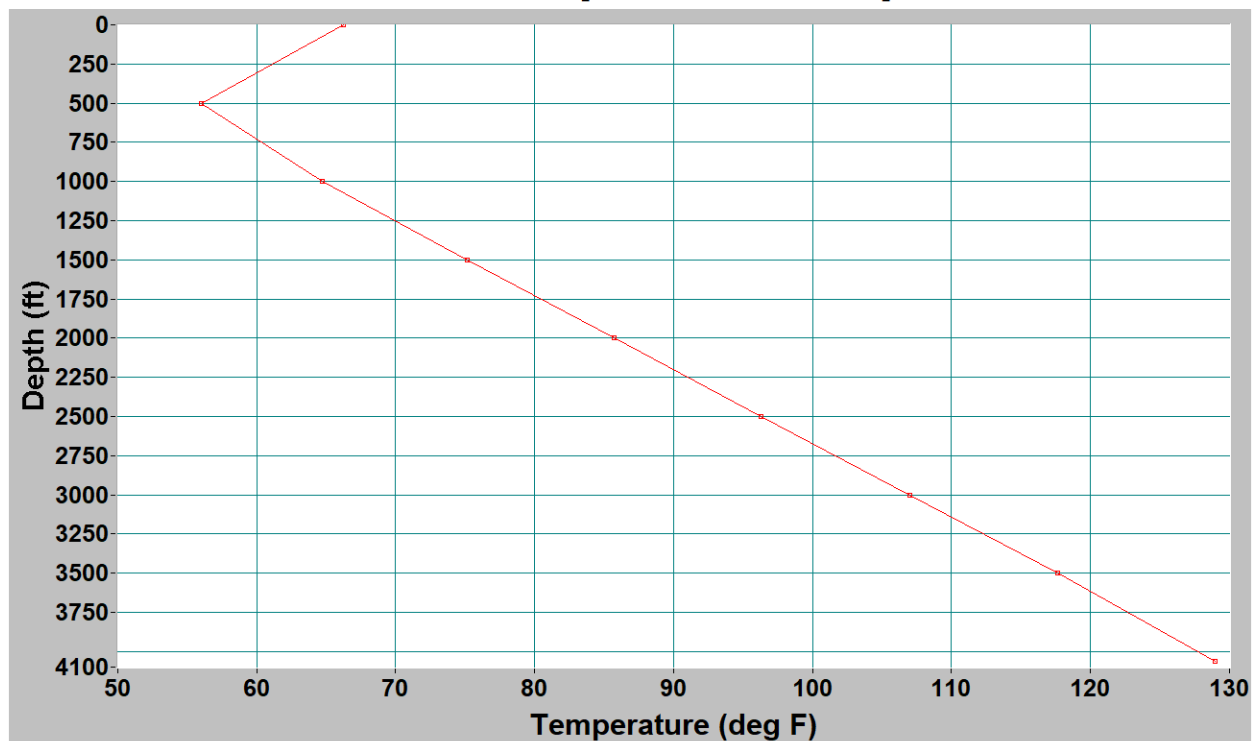
Stop Time From	Stop Time To	Depth (ft)	Pressure (psig)	Gradient (psi/ft)	(deg F)	(deg F/ft)
1023	1028	0.000	1167.772	-	66.245	-
1030	1035	500.000	1183.502	0.0315	55.990	-0.0205
1036	1041	1000.000	1197.901	0.0288	64.706	0.0174
1042	1047	1500.000	1212.021	0.0282	75.171	0.0209
1048	1053	2000.000	1226.033	0.0280	85.712	0.0211
1054	1059	2500.000	1239.981	0.0279	96.289	0.0212
1100	1105	3000.000	1253.570	0.0272	106.968	0.0214
1106	1111	3500.000	1267.676	0.0282	117.657	0.0214
1113		4066.000	1282.246	0.0257	128.964	0.0200

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

RIH Gradient Depth vs. Pressure

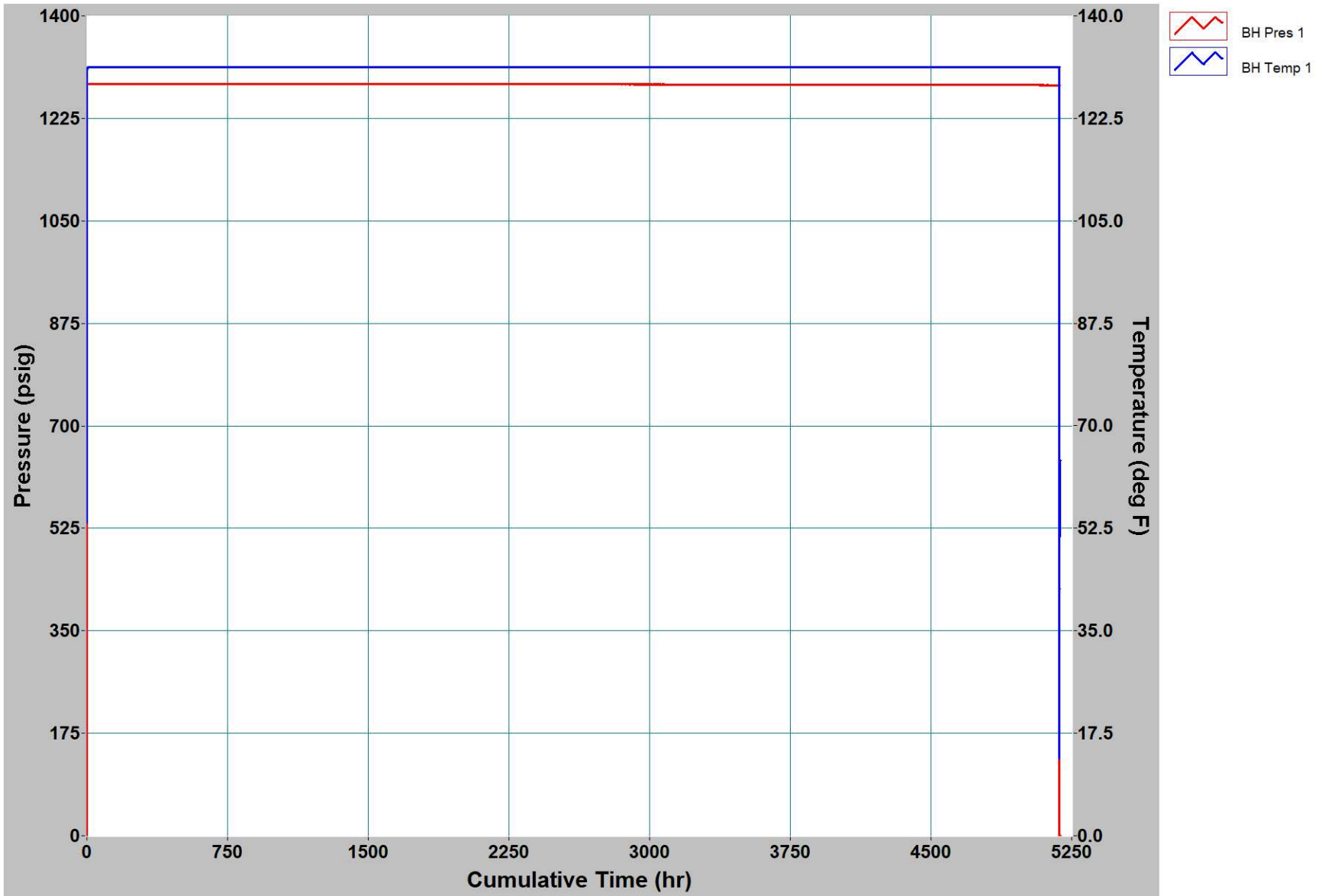


RIH Gradient Depth vs. Temperature



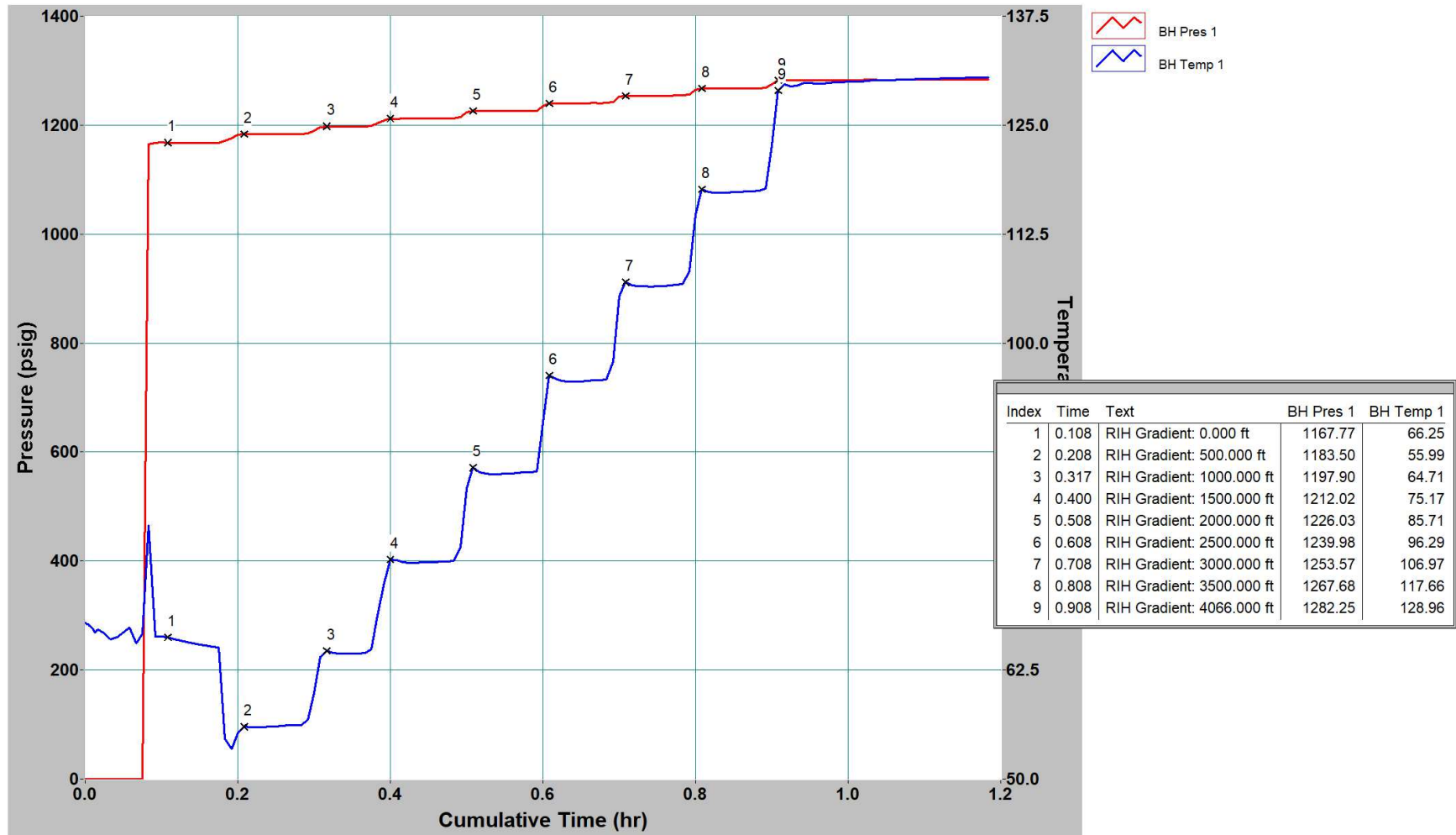
Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 21 B 5
Type of Test RIH GRADIENT & BUILDUP
Date(s) of Test 10/9/2019-5/12/2020

Carracas Unit 21 B 5



Company Name SOUTHLAND ROYALTY
 Well Name CARRACAS UNIT 21 B 5
 Type of Test RIH GRADIENT & BUILDUP
 Date(s) of Test 10/9/2019-5/12/2020

RIH Gradient Carracas Unit 21 B 5



Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 21 B 5
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	10:16:05	0.0000	0.000	67.870
RIH Gradient: 0.000 ft				
2019/10/09	10:22:35	0.1083	1167.772	66.245
RIH Gradient: 500.000 ft				
2019/10/09	10:28:35	0.2083	1183.502	55.990
RIH Gradient: 1000.000 ft				
2019/10/09	10:35:05	0.3167	1197.901	64.706
RIH Gradient: 1500.000 ft				
2019/10/09	10:40:05	0.4000	1212.021	75.171
RIH Gradient: 2000.000 ft				
2019/10/09	10:46:35	0.5083	1226.033	85.712
RIH Gradient: 2500.000 ft				
2019/10/09	10:52:35	0.6083	1239.981	96.289
RIH Gradient: 3000.000 ft				
2019/10/09	10:58:35	0.7083	1253.570	106.968
RIH Gradient: 3500.000 ft				
2019/10/09	11:04:35	0.8083	1267.676	117.657
RIH Gradient: 4066.000 ft				
2019/10/09	11:10:35	0.9083	1282.246	128.964
2019/10/10	03:46:05	17.5000	1283.922	131.236
2019/10/10	21:16:05	35.0000	1284.011	131.236
2019/10/11	14:46:05	52.5000	1284.051	131.234
2019/10/12	08:16:05	70.0000	1284.038	131.236
2019/10/13	01:46:05	87.5000	1284.067	131.239
2019/10/13	19:16:05	105.0000	1284.075	131.234
2019/10/14	12:46:05	122.5000	1284.062	131.238
2019/10/15	06:16:05	140.0000	1284.071	131.230
2019/10/15	23:46:05	157.5000	1284.058	131.232
2019/10/16	17:16:05	175.0000	1284.076	131.239
2019/10/17	10:46:05	192.5000	1284.066	131.234
2019/10/18	04:16:05	210.0000	1284.075	131.241
2019/10/18	21:46:05	227.5000	1284.068	131.236
2019/10/19	15:16:05	245.0000	1284.091	131.230
2019/10/20	08:46:05	262.5000	1284.067	131.230
2019/10/21	02:16:05	280.0000	1284.089	131.234
2019/10/21	19:46:05	297.5000	1284.109	131.234
2019/10/22	13:16:05	315.0000	1284.121	131.230
2019/10/23	06:46:05	332.5000	1284.090	131.230
2019/10/24	00:16:05	350.0000	1284.111	131.234
2019/10/24	17:46:05	367.5000	1284.132	131.232
2019/10/25	11:16:05	385.0000	1284.123	131.234
2019/10/26	04:46:05	402.5000	1284.131	131.229
2019/10/26	22:16:05	420.0000	1284.130	131.236
2019/10/27	14:46:05	437.5000	1284.130	131.234
2019/10/28	08:16:05	455.0000	1284.110	131.229
2019/10/29	01:46:05	472.5000	1284.135	131.236
2019/10/29	19:16:05	490.0000	1284.143	131.229
2019/10/30	12:46:05	507.5000	1284.158	131.227
2019/10/31	06:16:05	525.0000	1284.153	131.227
2019/10/31	23:46:05	542.5000	1284.141	131.232

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2019/11/01	17:16:05	560.0000	1284.164	131.229
2019/11/02	10:46:05	577.5000	1284.160	131.232
2019/11/03	04:16:05	595.0000	1284.159	131.229
2019/11/03	21:46:05	612.5000	1284.160	131.225
2019/11/04	15:16:05	630.0000	1284.179	131.229
2019/11/05	08:46:05	647.5000	1284.177	131.230
2019/11/06	02:16:05	665.0000	1284.184	131.230
2019/11/06	19:46:05	682.5000	1284.196	131.238
2019/11/07	13:16:05	700.0000	1284.198	131.236
2019/11/08	06:46:05	717.5000	1284.173	131.225
2019/11/09	00:16:05	735.0000	1284.181	131.234
2019/11/09	17:46:05	752.5000	1284.215	131.229
2019/11/10	11:16:05	770.0000	1284.201	131.234
2019/11/11	04:46:05	787.5000	1284.188	131.227
2019/11/11	22:16:05	805.0000	1284.181	131.229
2019/11/12	15:46:05	822.5000	1284.208	131.234
2019/11/13	09:16:05	840.0000	1284.174	131.225
2019/11/14	02:46:05	857.5000	1284.176	131.232
2019/11/14	20:16:05	875.0000	1284.188	131.225
2019/11/15	13:46:05	892.5000	1284.193	131.230
2019/11/16	07:16:05	910.0000	1284.172	131.227
2019/11/17	00:46:05	927.5000	1284.181	131.225
2019/11/17	18:16:05	945.0000	1284.182	131.241
2019/11/18	11:46:05	962.5000	1284.158	131.236
2019/11/19	05:16:05	980.0000	1284.136	131.229
2019/11/19	22:46:05	997.5000	1284.156	131.238
2019/11/20	16:16:05	1015.0000	1284.150	131.229
2019/11/21	09:46:05	1032.5000	1284.139	131.223
2019/11/22	03:16:05	1050.0000	1284.132	131.229
2019/11/22	20:46:05	1067.5000	1284.106	131.230
2019/11/23	14:16:05	1085.0000	1284.143	131.227
2019/11/24	07:46:05	1102.5000	1284.092	131.234
2019/11/25	01:16:05	1120.0000	1284.072	131.232
2019/11/25	18:46:05	1137.5000	1284.068	131.236
2019/11/26	12:16:05	1155.0000	1284.058	131.234
2019/11/27	05:46:05	1172.5000	1284.057	131.221
2019/11/27	23:16:05	1190.0000	1284.046	131.232
2019/11/28	16:46:05	1207.5000	1284.043	131.230
2019/11/29	10:16:05	1225.0000	1284.026	131.223
2019/11/30	03:46:05	1242.5000	1284.011	131.225
2019/11/30	21:16:05	1260.0000	1284.016	131.230
2019/12/01	14:46:05	1277.5000	1284.009	131.230
2019/12/02	08:16:05	1295.0000	1283.981	131.225
2019/12/03	01:46:05	1312.5000	1283.954	131.225
2019/12/03	19:16:05	1330.0000	1283.960	131.227
2019/12/04	12:46:05	1347.5000	1283.952	131.223
2019/12/05	06:16:05	1365.0000	1283.925	131.230
2019/12/05	23:46:05	1382.5000	1283.922	131.238
2019/12/06	17:16:05	1400.0000	1283.924	131.225
2019/12/07	10:46:05	1417.5000	1283.899	131.227

Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 21 B 5
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
2019/12/08	04:16:05	1435.0000	1283.889	131.221
2019/12/08	21:46:05	1452.5000	1283.850	131.225
2019/12/09	15:16:05	1470.0000	1283.856	131.227
2019/12/10	08:46:05	1487.5000	1283.835	131.230
2019/12/11	02:16:05	1505.0000	1283.838	131.238
2019/12/11	19:46:05	1522.5000	1283.821	131.229
2019/12/12	13:16:05	1540.0000	1283.820	131.223
2019/12/13	06:46:05	1557.5000	1283.812	131.221
2019/12/14	00:16:05	1575.0000	1283.791	131.230
2019/12/14	17:46:05	1592.5000	1283.778	131.225
2019/12/15	11:16:05	1610.0000	1283.773	131.225
2019/12/16	04:46:05	1627.5000	1283.755	131.232
2019/12/16	22:16:05	1645.0000	1283.751	131.221
2019/12/17	15:46:05	1662.5000	1283.750	131.223
2019/12/18	09:16:05	1680.0000	1283.730	131.223
2019/12/19	02:46:05	1697.5000	1283.712	131.230
2019/12/19	20:16:05	1715.0000	1283.695	131.227
2019/12/20	13:46:05	1732.5000	1283.703	131.221
2019/12/21	07:16:05	1750.0000	1283.695	131.232
2019/12/22	00:46:05	1767.5000	1283.697	131.225
2019/12/22	18:16:05	1785.0000	1283.682	131.232
2019/12/23	11:46:05	1802.5000	1283.660	131.227
2019/12/24	05:16:05	1820.0000	1283.645	131.229
2019/12/24	22:46:05	1837.5000	1283.612	131.225
2019/12/25	16:16:05	1855.0000	1283.623	131.223
2019/12/26	09:46:05	1872.5000	1283.605	131.223
2019/12/27	03:16:05	1890.0000	1283.579	131.234
2019/12/27	20:46:05	1907.5000	1283.562	131.223
2019/12/28	14:16:05	1925.0000	1283.554	131.225
2019/12/29	07:46:05	1942.5000	1283.553	131.223
2019/12/30	01:16:05	1960.0000	1283.515	131.223
2019/12/30	18:46:05	1977.5000	1283.520	131.227
2019/12/31	12:16:05	1995.0000	1283.519	131.227
2020/01/01	05:46:05	2012.5000	1283.483	131.221
2020/01/01	23:16:05	2030.0000	1283.462	131.221
2020/01/02	16:46:05	2047.5000	1283.475	131.223
2020/01/03	10:16:05	2065.0000	1283.442	131.218
2020/01/04	03:46:05	2082.5000	1283.438	131.221
2020/01/04	21:16:05	2100.0000	1283.404	131.227
2020/01/05	14:46:05	2117.5000	1283.405	131.225
2020/01/06	08:16:05	2135.0000	1283.379	131.223
2020/01/07	01:46:05	2152.5000	1283.365	131.230
2020/01/07	19:16:05	2170.0000	1283.355	131.223
2020/01/08	12:46:05	2187.5000	1283.346	131.232
2020/01/09	06:16:05	2205.0000	1283.329	131.223
2020/01/09	23:46:05	2222.5000	1283.292	131.227
2020/01/10	17:16:05	2240.0000	1283.298	131.220
2020/01/11	10:46:05	2257.5000	1283.274	131.229
2020/01/12	04:16:05	2275.0000	1283.264	131.227
2020/01/12	21:46:05	2292.5000	1283.263	131.229

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/01/13	15:16:05	2310.0000	1283.264	131.220
2020/01/14	08:46:05	2327.5000	1283.242	131.221
2020/01/15	02:16:05	2345.0000	1283.251	131.227
2020/01/15	19:46:05	2362.5000	1283.274	131.218
2020/01/16	13:16:05	2380.0000	1283.287	131.220
2020/01/17	06:46:05	2397.5000	1283.289	131.225
2020/01/18	00:16:05	2415.0000	1283.303	131.223
2020/01/18	17:46:05	2432.5000	1283.299	131.223
2020/01/19	11:16:05	2450.0000	1283.285	131.220
2020/01/20	04:46:05	2467.5000	1283.263	131.220
2020/01/20	22:16:05	2485.0000	1283.234	131.221
2020/01/21	15:46:05	2502.5000	1283.244	131.225
2020/01/22	09:16:05	2520.0000	1283.257	131.229
2020/01/23	02:46:05	2537.5000	1283.241	131.223
2020/01/23	20:16:05	2555.0000	1283.226	131.218
2020/01/24	13:46:05	2572.5000	1283.221	131.220
2020/01/25	07:16:05	2590.0000	1283.201	131.227
2020/01/26	00:46:05	2607.5000	1283.175	131.220
2020/01/26	18:16:05	2625.0000	1283.179	131.220
2020/01/27	11:46:05	2642.5000	1283.154	131.223
2020/01/28	05:16:05	2660.0000	1283.153	131.223
2020/01/28	22:46:05	2677.5000	1283.192	131.221
2020/01/29	16:16:05	2695.0000	1283.202	131.220
2020/01/30	09:46:05	2712.5000	1283.162	131.223
2020/01/31	03:16:05	2730.0000	1283.149	131.225
2020/01/31	20:46:05	2747.5000	1283.136	131.220
2020/02/01	14:16:05	2765.0000	1283.139	131.220
2020/02/02	07:46:05	2782.5000	1283.126	131.223
2020/02/03	01:16:05	2800.0000	1283.101	131.220
2020/02/03	18:46:05	2817.5000	1283.083	131.223
2020/02/04	12:16:05	2835.0000	1283.063	131.232
2020/02/05	05:46:05	2852.5000	1283.048	131.221
2020/02/05	23:16:05	2870.0000	1283.029	131.221
2020/02/06	16:46:05	2887.5000	1283.040	131.225
2020/02/07	10:16:05	2905.0000	1283.050	131.221
2020/02/08	03:46:05	2922.5000	1283.029	131.221
2020/02/08	21:16:05	2940.0000	1283.018	131.225
2020/02/09	14:46:05	2957.5000	1283.012	131.220
2020/02/10	08:16:05	2975.0000	1283.026	131.223
2020/02/11	01:46:05	2992.5000	1283.000	131.223
2020/02/11	19:16:05	3010.0000	1283.009	131.223
2020/02/12	12:46:05	3027.5000	1283.001	131.216
2020/02/13	06:16:05	3045.0000	1283.016	131.225
2020/02/13	23:46:05	3062.5000	1282.995	131.220
2020/02/14	17:16:05	3080.0000	1282.996	131.223
2020/02/15	10:46:05	3097.5000	1283.004	131.221
2020/02/16	04:16:05	3115.0000	1282.991	131.225
2020/02/16	21:46:05	3132.5000	1282.984	131.220
2020/02/17	15:16:05	3150.0000	1282.973	131.221
2020/02/18	08:46:05	3167.5000	1282.969	131.229

Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 21 B 5
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
2020/02/19	02:16:05	3185.0000	1282.953	131.220
2020/02/19	19:46:05	3202.5000	1282.952	131.225
2020/02/20	13:16:05	3220.0000	1282.942	131.221
2020/02/21	06:46:05	3237.5000	1282.926	131.225
2020/02/22	00:16:05	3255.0000	1282.927	131.220
2020/02/22	17:46:05	3272.5000	1282.924	131.223
2020/02/23	11:16:05	3290.0000	1282.916	131.223
2020/02/24	04:46:05	3307.5000	1282.907	131.223
2020/02/24	22:16:05	3325.0000	1282.905	131.229
2020/02/25	15:46:05	3342.5000	1282.922	131.239
2020/02/26	09:16:05	3360.0000	1282.897	131.221
2020/02/27	02:46:05	3377.5000	1282.879	131.221
2020/02/27	20:16:05	3395.0000	1282.885	131.223
2020/02/28	13:46:05	3412.5000	1282.885	131.230
2020/02/29	07:16:05	3430.0000	1282.877	131.227
2020/03/01	00:46:05	3447.5000	1282.873	131.220
2020/03/01	18:16:05	3465.0000	1282.853	131.223
2020/03/02	11:46:05	3482.5000	1282.847	131.220
2020/03/03	05:16:05	3500.0000	1282.821	131.220
2020/03/03	22:46:05	3517.5000	1282.834	131.223
2020/03/04	16:16:05	3535.0000	1282.829	131.221
2020/03/05	09:46:05	3552.5000	1282.823	131.225
2020/03/06	03:16:05	3570.0000	1282.826	131.223
2020/03/06	20:46:05	3587.5000	1282.819	131.221
2020/03/07	14:16:05	3605.0000	1282.828	131.225
2020/03/08	07:46:05	3622.5000	1282.786	131.223
2020/03/09	01:16:05	3640.0000	1282.768	131.223
2020/03/09	18:46:05	3657.5000	1282.786	131.221
2020/03/10	12:16:05	3675.0000	1282.781	131.225
2020/03/11	05:46:05	3692.5000	1282.766	131.225
2020/03/11	23:16:05	3710.0000	1282.756	131.230
2020/03/12	16:46:05	3727.5000	1282.747	131.218
2020/03/13	10:16:05	3745.0000	1282.738	131.230
2020/03/14	03:46:05	3762.5000	1282.720	131.227
2020/03/14	21:16:05	3780.0000	1282.736	131.227
2020/03/15	14:46:05	3797.5000	1282.742	131.223
2020/03/16	08:16:05	3815.0000	1282.722	131.234
2020/03/17	01:46:05	3832.5000	1282.716	131.218
2020/03/17	19:16:05	3850.0000	1282.710	131.223
2020/03/18	12:46:05	3867.5000	1282.718	131.218
2020/03/19	06:16:05	3885.0000	1282.697	131.225
2020/03/19	23:46:05	3902.5000	1282.698	131.234
2020/03/20	17:16:05	3920.0000	1282.693	131.220
2020/03/21	10:46:05	3937.5000	1282.677	131.227
2020/03/22	04:16:05	3955.0000	1282.643	131.223
2020/03/22	21:46:05	3972.5000	1282.635	131.225
2020/03/23	15:16:05	3990.0000	1282.620	131.225
2020/03/24	08:46:05	4007.5000	1282.625	131.216
2020/03/25	02:16:05	4025.0000	1282.613	131.218
2020/03/25	19:46:05	4042.5000	1282.598	131.214

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/03/26	13:16:05	4060.0000	1282.604	131.221
2020/03/27	06:46:05	4077.5000	1282.586	131.218
2020/03/28	00:16:05	4095.0000	1282.569	131.221
2020/03/28	17:46:05	4112.5000	1282.579	131.225
2020/03/29	11:16:05	4130.0000	1282.566	131.216
2020/03/30	04:46:05	4147.5000	1282.533	131.225
2020/03/30	22:16:05	4165.0000	1282.524	131.223
2020/03/31	15:46:05	4182.5000	1282.531	131.223
2020/04/01	09:16:05	4200.0000	1282.541	131.225
2020/04/02	02:46:05	4217.5000	1282.522	131.223
2020/04/02	20:16:05	4235.0000	1282.509	131.227
2020/04/03	13:46:05	4252.5000	1282.506	131.220
2020/04/04	07:16:05	4270.0000	1282.475	131.214
2020/04/05	00:46:05	4287.5000	1282.467	131.223
2020/04/05	19:16:05	4305.0000	1282.456	131.221
2020/04/06	12:46:05	4322.5000	1282.444	131.223
2020/04/07	06:16:05	4340.0000	1282.421	131.218
2020/04/07	23:46:05	4357.5000	1282.407	131.216
2020/04/08	17:16:05	4375.0000	1282.403	131.218
2020/04/09	10:46:05	4392.5000	1282.384	131.221
2020/04/10	04:16:05	4410.0000	1282.364	131.221
2020/04/10	21:46:05	4427.5000	1282.365	131.216
2020/04/11	15:16:05	4445.0000	1282.350	131.221
2020/04/12	08:46:05	4462.5000	1282.317	131.211
2020/04/13	02:16:05	4480.0000	1282.317	131.225
2020/04/13	19:46:05	4497.5000	1282.282	131.220
2020/04/14	13:16:05	4515.0000	1282.287	131.223
2020/04/15	06:46:05	4532.5000	1282.269	131.225
2020/04/16	00:16:05	4550.0000	1282.269	131.227
2020/04/16	17:46:05	4567.5000	1282.248	131.218
2020/04/17	11:16:05	4585.0000	1282.242	131.216
2020/04/18	04:46:05	4602.5000	1282.212	131.220
2020/04/18	22:16:05	4620.0000	1282.217	131.223
2020/04/19	15:46:05	4637.5000	1282.197	131.223
2020/04/20	09:16:05	4655.0000	1282.187	131.221
2020/04/21	02:46:05	4672.5000	1282.157	131.223
2020/04/21	20:16:05	4690.0000	1282.153	131.218
2020/04/22	13:46:05	4707.5000	1282.140	131.223
2020/04/23	07:16:05	4725.0000	1282.112	131.216
2020/04/24	00:46:05	4742.5000	1282.106	131.216
2020/04/24	18:16:05	4760.0000	1282.110	131.212
2020/04/25	11:46:05	4777.5000	1282.094	131.216
2020/04/26	05:16:05	4795.0000	1282.070	131.216
2020/04/26	22:46:05	4812.5000	1282.064	131.218
2020/04/27	16:16:05	4830.0000	1282.050	131.218
2020/04/28	09:46:05	4847.5000	1282.022	131.218
2020/04/29	03:16:05	4865.0000	1282.008	131.216
2020/04/29	20:46:05	4882.5000	1281.987	131.218
2020/04/30	14:16:05	4900.0000	1281.966	131.223
2020/05/01	07:46:05	4917.5000	1281.944	131.220

Company Name SOUTHLAND ROYALTY
Well Name CARRACAS UNIT 21 B 5
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
2020/05/02	01:16:05	4935.0000	1281.926	131.221
2020/05/02	18:46:05	4952.5000	1281.917	131.218
2020/05/03	12:16:05	4970.0000	1281.898	131.214
2020/05/04	05:46:05	4987.5000	1281.864	131.214
2020/05/04	23:16:05	5005.0000	1281.847	131.214
2020/05/05	16:46:05	5022.5000	1281.857	131.225
2020/05/06	10:16:05	5040.0000	1281.820	131.220
2020/05/07	03:46:05	5057.5000	1281.815	131.211
2020/05/07	21:16:05	5075.0000	1281.801	131.220
2020/05/08	14:46:05	5092.5000	1281.764	131.218
2020/05/09	08:16:05	5110.0000	1281.742	131.221
2020/05/10	01:46:05	5127.5000	1281.748	131.220
2020/05/10	19:16:05	5145.0000	1281.744	131.225
2020/05/11	12:46:05	5162.5000	1281.709	131.209
2020/05/12	06:16:05	5180.0000	1281.684	131.218

PHOENIX SERVICES, LLC

Company: Southland Royalty

Well Name: Carracas Unit 21 B

Well No.: 5

Field: Fruitland Coal

County/State: Rio Arriba NM

Formation: Fruitland Coal				
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Test Date: 10/9/2019

Ground Level (ft):	Casing Pressure (psi): packer
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Perfs (ft):	Tubing Pressure (psi): 1180
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TD (ft):	Fluid Level (ft):
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PBTD (ft):	Water Level (ft):
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Thq Size (in): 2 3/8		to (ft):		KB (ft):					
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Csq Size (in):	to (ft):	Atmosphere Temperature (oE):	
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Core Size (in):	to (in):	Atmosphere Temperature (°F):	
Packer (ft):		Element No.: 5472	

Seat Nipple (ft):	Element Range (psi): 0-3500	
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Seat Nipple (ft):		Element Range (psi): 0 3500	
Test Depth (ft): 4066		Operator: J Jargo	Unit No : 9

Test Depth (ft): 4000	Operator: S. Eargo	Unit No.: 5
Well Status: shut in		

Well Status: Shut In						

	Depth	Temperature	Pressure	Differential	Differential	Gradient

[illegible]