

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.
NMSF079382

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891000538A8. Well Name and No.
SAN JUAN 30-6 UNIT POW 19. API Well No.
30-039-24530-00-S110. Field and Pool or Exploratory Area
BASIN FRUITLAND COAL

11. 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

HILCORP ENERGY COMPANY

Contact: PRISCILLA SHORTY

E-Mail: pshorty@hilcorp.com

3a. Address

1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 505-324-5188

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

Sec 24 T30N R7W SWNW 1485FNL 0795FWL
36.801220 N Lat, 107.527760 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.

Attached is the annual POW report taken from the subject well on 6/12/2020.

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

**Electronic Submission #518852 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 06/18/2020 (20JK0617SE)**

Name (Printed/Typed) PRISCILLA SHORTY

Title OPERATIONS REGULATORY TECH SR

Signature (Electronic Submission)

Date 06/15/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJOE KILLINS
Title ENGINEER

Date 06/18/2020

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	HILCORP
Representative	PRISCILLA SHORTY
Phone	
Fax	
Address	

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

WELL INFORMATION

Well Name	SAN JUAN 30-6 UNIT #1 POW
Well Location	T30N-R6W-SEC24
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	2484-3027
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6118
Plug Back Total Depth	3075
Total Depth	3080
Production Casing	5 1/2 TO 3080
Production Tubing	2 3/8 TO 2832

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	06/12/20
Dead-weight Gauge Tubing Pressure	30
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	6/12/20 @1105
Date / Time off Bottom	6/12/20 @1205

Probe Serial Number	
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3000

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	54.3 psig
Maximum Recorded Probe Temperature	114.4 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 30-6 UNIT #1 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 06/12/20



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 30-6 UNIT #1 POW
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	06/12/20



COMMENTS

Reported By

EXPERT DOWNHOLE SERVICES, INC.

RIH WITH 1.50 IMPRESSION BLOCK, TAGGED FILL @3061 WLM. RIH WITH BHP GAUGES TO 3000 WLM FOR 1 HOUR, THEN POOH MAKING 5 MINUTE STOPS PER REQUEST.

Company Name HILCORP
Well Name SAN JUAN 30-6 UNIT #1 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 06/12/20



Pressure vs. Depth

Probe Serial Number

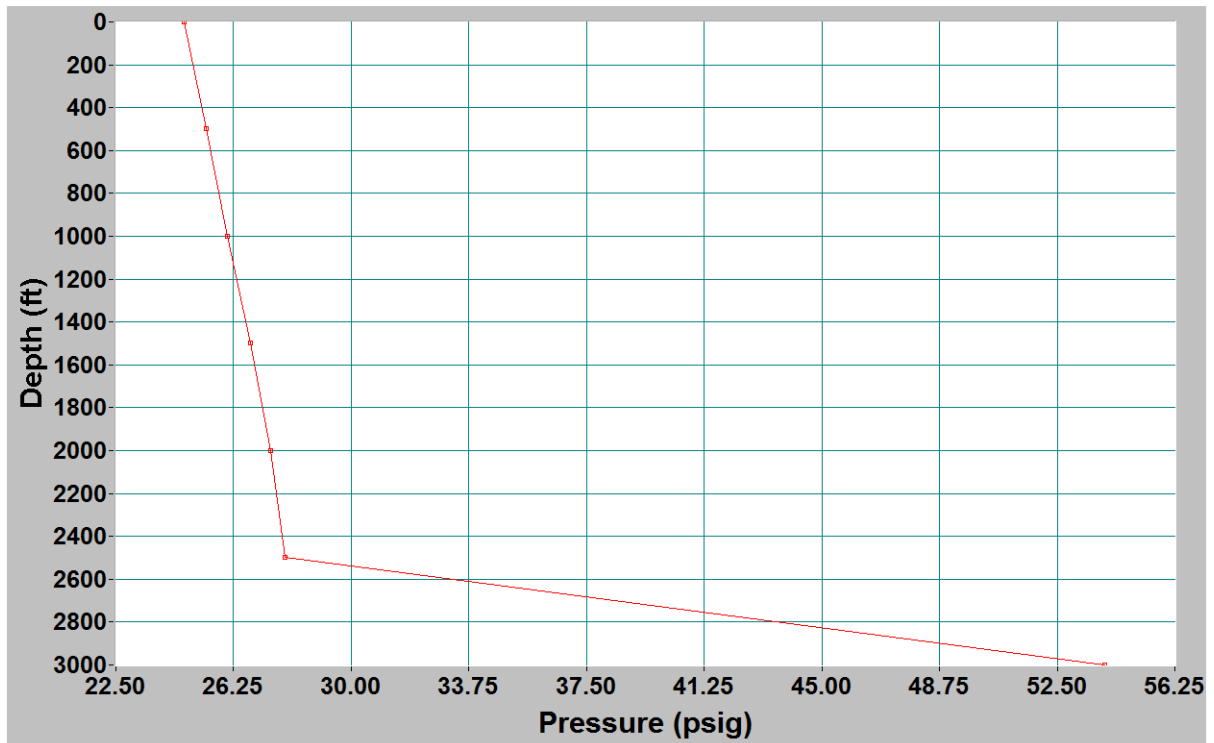
		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1105	1205	3000.000	54.026	-	91.216	-
1206	1211	2500.000	27.881	0.0523	110.446	-0.0385
1213	1218	2000.000	27.441	0.0009	105.771	0.0093
1219	1224	1500.000	26.782	0.0013	101.115	0.0093
1225	1230	1000.000	26.061	0.0014	95.961	0.0103
1232	1237	500.000	25.376	0.0014	89.445	0.0130
1238	1243	0.000	24.659	0.0014	82.845	0.0132

Extrapolated to MPP:

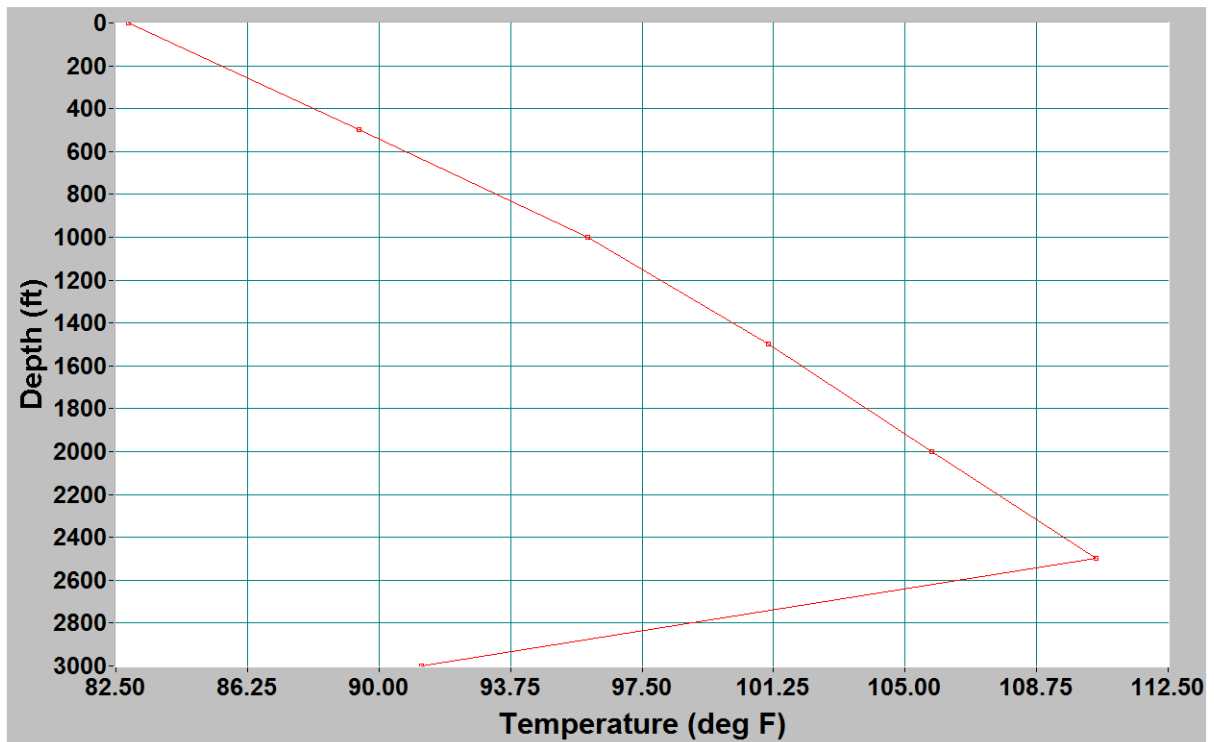
(ft)	(psig)	(deg F)
0.000		

Probe Serial Number

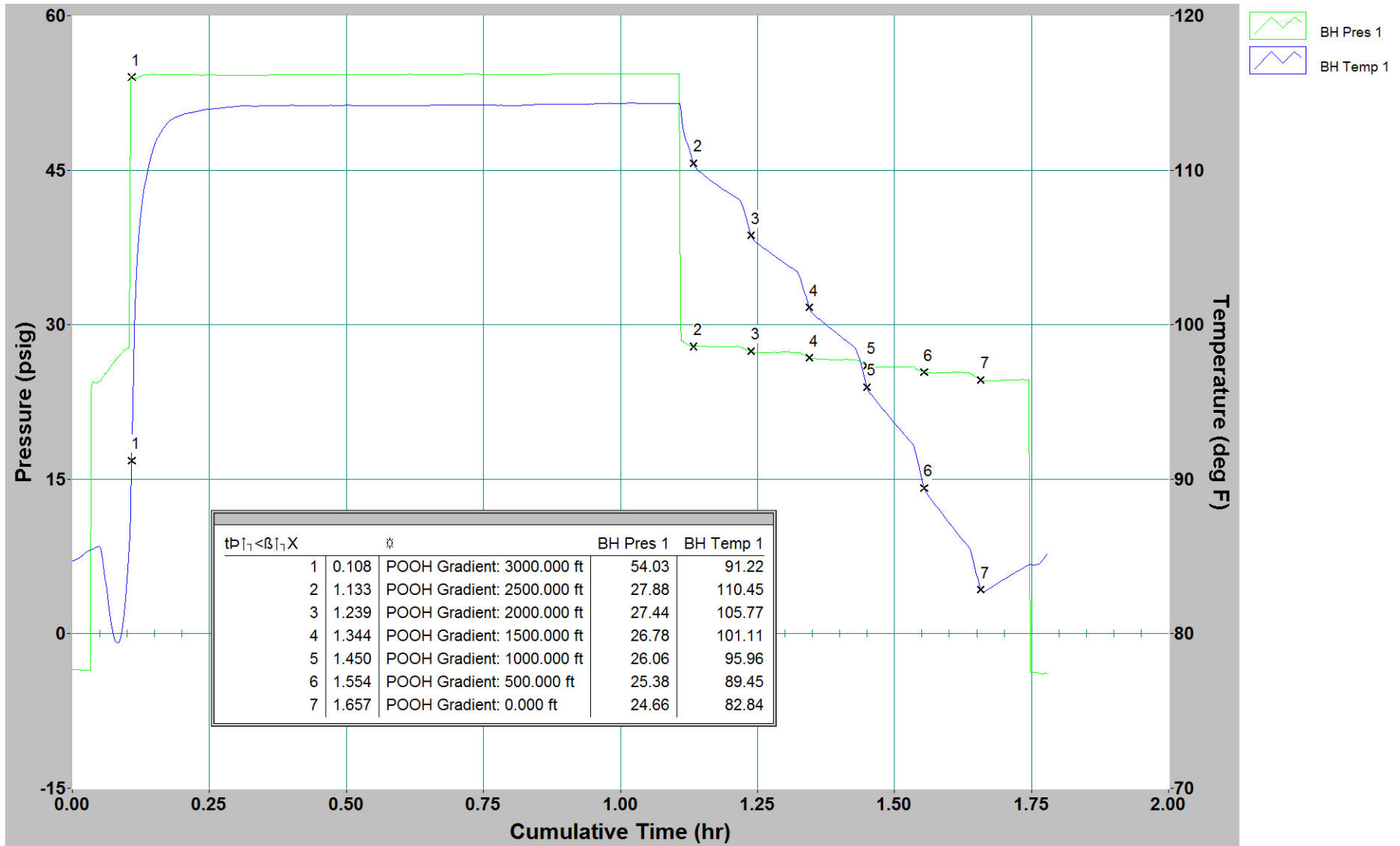
Depth vs. Pressure



Depth vs. Temperature



SAN JUAN 30-6 UNIT #1 POW 2020



Company Name HILCORP
Well Name SAN JUAN 30-6 UNIT #1 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 06/12/20



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/12	10:58:50	0.0000	-3.451	84.735
2020/06/12	10:59:20	0.0083	-3.477	84.825
2020/06/12	10:59:50	0.0167	-3.527	85.026
2020/06/12	11:00:20	0.0250	-3.546	85.266
2020/06/12	11:00:50	0.0333	-3.524	85.413
2020/06/12	11:01:20	0.0417	24.352	85.570
2020/06/12	11:01:50	0.0500	24.471	85.629
2020/06/12	11:02:20	0.0583	25.081	84.020
2020/06/12	11:02:50	0.0667	25.678	81.639
2020/06/12	11:03:20	0.0750	26.319	79.939
2020/06/12	11:03:50	0.0833	26.838	79.419
2020/06/12	11:04:20	0.0917	27.364	80.524
2020/06/12	11:04:50	0.1000	27.711	83.527
POOH Gradient: 3000.000 ft				
2020/06/12	11:05:20	0.1083	54.026	91.216
2020/06/12	11:05:50	0.1167	53.944	103.374
2020/06/12	11:06:20	0.1250	54.114	107.148
2020/06/12	11:06:50	0.1333	54.250	109.265
2020/06/12	11:07:20	0.1417	54.301	110.649
2020/06/12	11:07:50	0.1500	54.288	111.603
2020/06/12	11:08:20	0.1583	54.257	112.253
2020/06/12	11:08:50	0.1667	54.264	112.725
2020/06/12	11:09:20	0.1750	54.251	113.086
2020/06/12	11:09:50	0.1833	54.244	113.335
2020/06/12	11:10:20	0.1917	54.252	113.472
2020/06/12	11:10:50	0.2000	54.264	113.563
2020/06/12	11:11:20	0.2083	54.259	113.668
2020/06/12	11:11:50	0.2167	54.254	113.725
2020/06/12	11:12:20	0.2250	54.242	113.792
2020/06/12	11:12:50	0.2333	54.231	113.855
2020/06/12	11:13:20	0.2417	54.233	113.905
2020/06/12	11:13:50	0.2500	54.243	113.943
2020/06/12	11:14:20	0.2583	54.241	113.967
2020/06/12	11:14:50	0.2667	54.228	114.001
2020/06/12	11:15:20	0.2750	54.215	114.042
2020/06/12	11:15:50	0.2833	54.203	114.071
2020/06/12	11:16:20	0.2917	54.191	114.096
2020/06/12	11:16:50	0.3000	54.181	114.138
2020/06/12	11:17:20	0.3083	54.173	114.157
2020/06/12	11:17:50	0.3167	54.166	114.161
2020/06/12	11:18:20	0.3250	54.170	114.154
2020/06/12	11:18:50	0.3333	54.181	114.145
2020/06/12	11:19:20	0.3417	54.213	114.154
2020/06/12	11:19:50	0.3500	54.218	114.163
2020/06/12	11:20:20	0.3583	54.214	114.175
2020/06/12	11:20:50	0.3667	54.247	114.175
2020/06/12	11:21:20	0.3750	54.247	114.181
2020/06/12	11:21:50	0.3833	54.242	114.193
2020/06/12	11:22:20	0.3917	54.246	114.190
2020/06/12	11:22:50	0.4000	54.245	114.206
2020/06/12	11:23:20	0.4083	54.245	114.195
2020/06/12	11:23:50	0.4167	54.247	114.179
2020/06/12	11:24:20	0.4250	54.256	114.181
2020/06/12	11:24:50	0.4333	54.256	114.184

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/12	11:25:20	0.4417	54.260	114.181
2020/06/12	11:25:50	0.4500	54.270	114.174
2020/06/12	11:26:20	0.4583	54.269	114.184
2020/06/12	11:26:50	0.4667	54.266	114.188
2020/06/12	11:27:20	0.4750	54.265	114.193
2020/06/12	11:27:50	0.4833	54.269	114.183
2020/06/12	11:28:20	0.4917	54.278	114.192
2020/06/12	11:28:50	0.5000	54.287	114.204
2020/06/12	11:29:20	0.5083	54.291	114.199
2020/06/12	11:29:50	0.5167	54.292	114.183
2020/06/12	11:30:20	0.5250	54.293	114.174
2020/06/12	11:30:50	0.5333	54.277	114.172
2020/06/12	11:31:20	0.5417	54.273	114.181
2020/06/12	11:31:50	0.5500	54.273	114.177
2020/06/12	11:32:20	0.5583	54.280	114.174
2020/06/12	11:32:50	0.5667	54.276	114.183
2020/06/12	11:33:20	0.5750	54.282	114.192
2020/06/12	11:33:50	0.5833	54.269	114.186
2020/06/12	11:34:20	0.5917	54.260	114.183
2020/06/12	11:34:50	0.6000	54.263	114.179
2020/06/12	11:35:20	0.6083	54.263	114.177
2020/06/12	11:35:50	0.6167	54.303	114.166
2020/06/12	11:36:20	0.6250	54.291	114.161
2020/06/12	11:36:50	0.6333	54.293	114.172
2020/06/12	11:37:20	0.6417	54.282	114.183
2020/06/12	11:37:50	0.6500	54.272	114.192
2020/06/12	11:38:20	0.6583	54.281	114.204
2020/06/12	11:38:50	0.6667	54.281	114.206
2020/06/12	11:39:20	0.6750	54.274	114.206
2020/06/12	11:39:50	0.6833	54.271	114.206
2020/06/12	11:40:20	0.6917	54.271	114.202
2020/06/12	11:40:50	0.7000	54.287	114.206
2020/06/12	11:41:20	0.7083	54.297	114.206
2020/06/12	11:41:50	0.7167	54.308	114.226
2020/06/12	11:42:20	0.7250	54.325	114.229
2020/06/12	11:42:50	0.7333	54.315	114.226
2020/06/12	11:43:20	0.7417	54.282	114.231
2020/06/12	11:43:50	0.7500	54.285	114.226
2020/06/12	11:44:20	0.7583	54.269	114.228
2020/06/12	11:44:50	0.7667	54.283	114.217
2020/06/12	11:45:20	0.7750	54.278	114.197
2020/06/12	11:45:50	0.7833	54.278	114.201
2020/06/12	11:46:20	0.7917	54.265	114.190
2020/06/12	11:46:50	0.8000	54.262	114.188
2020/06/12	11:47:20	0.8083	54.276	114.175
2020/06/12	11:47:50	0.8167	54.273	114.181
2020/06/12	11:48:20	0.8250	54.273	114.213
2020/06/12	11:48:50	0.8333	54.275	114.233
2020/06/12	11:49:20	0.8417	54.284	114.238
2020/06/12	11:49:50	0.8500	54.290	114.256
2020/06/12	11:50:20	0.8583	54.290	114.253
2020/06/12	11:50:50	0.8667	54.302	114.260
2020/06/12	11:51:20	0.8750	54.309	114.258
2020/06/12	11:51:50	0.8833	54.308	114.267

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/12	11:52:20	0.8917	54.305	114.274
2020/06/12	11:52:50	0.9000	54.314	114.276
2020/06/12	11:53:20	0.9083	54.315	114.269
2020/06/12	11:53:50	0.9167	54.318	114.269
2020/06/12	11:54:20	0.9250	54.320	114.282
2020/06/12	11:54:50	0.9333	54.326	114.285
2020/06/12	11:55:20	0.9417	54.323	114.282
2020/06/12	11:55:50	0.9500	54.323	114.289
2020/06/12	11:56:20	0.9583	54.321	114.310
2020/06/12	11:56:50	0.9667	54.318	114.316
2020/06/12	11:57:20	0.9750	54.310	114.328
2020/06/12	11:57:50	0.9833	54.316	114.334
2020/06/12	11:58:20	0.9917	54.320	114.327
2020/06/12	11:58:50	1.0000	54.319	114.334
2020/06/12	11:59:20	1.0083	54.320	114.330
2020/06/12	11:59:50	1.0167	54.319	114.343
2020/06/12	12:00:20	1.0250	54.325	114.348
2020/06/12	12:00:50	1.0333	54.326	114.334
2020/06/12	12:01:20	1.0417	54.331	114.310
2020/06/12	12:01:50	1.0500	54.328	114.305
2020/06/12	12:02:20	1.0583	54.324	114.312
2020/06/12	12:02:50	1.0667	54.330	114.319
2020/06/12	12:03:20	1.0750	54.320	114.330
2020/06/12	12:03:50	1.0833	54.323	114.330
2020/06/12	12:04:20	1.0917	54.316	114.334
2020/06/12	12:04:50	1.1000	54.309	114.337
2020/06/12	12:05:20	1.1083	43.396	114.323
2020/06/12	12:05:50	1.1167	28.295	112.336
2020/06/12	12:06:20	1.1250	28.010	111.366
POOH Gradient: 2500.000 ft				
2020/06/12	12:06:50	1.1333	27.881	110.446
2020/06/12	12:07:20	1.1417	27.919	110.001
2020/06/12	12:07:50	1.1500	27.904	109.735
2020/06/12	12:08:20	1.1583	27.846	109.504
2020/06/12	12:08:50	1.1667	27.863	109.274
2020/06/12	12:09:20	1.1750	27.858	109.060
2020/06/12	12:09:50	1.1833	27.868	108.862
2020/06/12	12:10:20	1.1917	27.875	108.658
2020/06/12	12:10:50	1.2000	27.877	108.475
2020/06/12	12:11:20	1.2083	27.876	108.289
2020/06/12	12:11:50	1.2167	27.835	108.109
2020/06/12	12:12:20	1.2250	27.651	107.425
2020/06/12	12:12:50	1.2333	27.493	106.462
POOH Gradient: 2000.000 ft				
2020/06/12	12:13:10	1.2389	27.441	105.771
2020/06/12	12:13:20	1.2417	27.321	105.548
2020/06/12	12:13:50	1.2500	27.290	105.260
2020/06/12	12:14:20	1.2583	27.299	105.044
2020/06/12	12:14:50	1.2667	27.308	104.823
2020/06/12	12:15:20	1.2750	27.321	104.607
2020/06/12	12:15:50	1.2833	27.304	104.394
2020/06/12	12:16:20	1.2917	27.326	104.173
2020/06/12	12:16:50	1.3000	27.337	103.969
2020/06/12	12:17:20	1.3083	27.338	103.768

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/12	12:17:50	1.3167	27.313	103.566
2020/06/12	12:18:20	1.3250	27.288	103.285
2020/06/12	12:18:50	1.3333	27.115	102.420
2020/06/12	12:19:20	1.3417	26.843	101.439
POOH Gradient: 1500.000 ft				
2020/06/12	12:19:30	1.3444	26.782	101.115
2020/06/12	12:19:50	1.3500	26.705	100.753
2020/06/12	12:20:20	1.3583	26.665	100.490
2020/06/12	12:20:50	1.3667	26.656	100.243
2020/06/12	12:21:20	1.3750	26.665	100.006
2020/06/12	12:21:50	1.3833	26.594	99.765
2020/06/12	12:22:20	1.3917	26.609	99.525
2020/06/12	12:22:50	1.4000	26.612	99.289
2020/06/12	12:23:20	1.4083	26.630	99.054
2020/06/12	12:23:50	1.4167	26.621	98.830
2020/06/12	12:24:20	1.4250	26.600	98.602
2020/06/12	12:24:50	1.4333	26.539	98.089
2020/06/12	12:25:20	1.4417	26.252	97.070
POOH Gradient: 1000.000 ft				
2020/06/12	12:25:50	1.4500	26.061	95.961
2020/06/12	12:26:20	1.4583	25.940	95.441
2020/06/12	12:26:50	1.4667	25.914	95.068
2020/06/12	12:27:20	1.4750	25.908	94.717
2020/06/12	12:27:50	1.4833	25.911	94.347
2020/06/12	12:28:20	1.4917	25.880	93.994
2020/06/12	12:28:50	1.5000	25.884	93.637
2020/06/12	12:29:20	1.5083	25.891	93.288
2020/06/12	12:29:50	1.5167	25.912	92.946
2020/06/12	12:30:20	1.5250	25.902	92.608
2020/06/12	12:30:50	1.5333	25.930	92.264
2020/06/12	12:31:20	1.5417	25.637	91.303
2020/06/12	12:31:50	1.5500	25.440	90.054
POOH Gradient: 500.000 ft				
2020/06/12	12:32:05	1.5542	25.376	89.445
2020/06/12	12:32:20	1.5583	25.352	89.116
2020/06/12	12:32:50	1.5667	25.330	88.714
2020/06/12	12:33:20	1.5750	25.293	88.333
2020/06/12	12:33:50	1.5833	25.324	87.944
2020/06/12	12:34:20	1.5917	25.335	87.559
2020/06/12	12:34:50	1.6000	25.353	87.174
2020/06/12	12:35:20	1.6083	25.382	86.797
2020/06/12	12:35:50	1.6167	25.370	86.421
2020/06/12	12:36:20	1.6250	25.350	86.056
2020/06/12	12:36:50	1.6333	25.320	85.703
2020/06/12	12:37:20	1.6417	25.197	85.057
2020/06/12	12:37:50	1.6500	24.894	83.836
POOH Gradient: 0.000 ft				
2020/06/12	12:38:15	1.6569	24.659	82.845
2020/06/12	12:38:20	1.6583	24.588	82.756
2020/06/12	12:38:50	1.6667	24.568	82.762
2020/06/12	12:39:20	1.6750	24.554	82.960
2020/06/12	12:39:50	1.6833	24.581	83.161
2020/06/12	12:40:20	1.6917	24.571	83.345
2020/06/12	12:40:50	1.7000	24.616	83.529

Company Name HILCORP
Well Name SAN JUAN 30-6 UNIT #1 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 06/12/20



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/12	12:41:20	1.7083	24.648	83.701
2020/06/12	12:41:50	1.7167	24.646	83.878
2020/06/12	12:42:20	1.7250	24.641	84.051
2020/06/12	12:42:50	1.7333	24.669	84.216
2020/06/12	12:43:20	1.7417	24.661	84.385
2020/06/12	12:43:50	1.7500	-3.729	84.456
2020/06/12	12:44:20	1.7583	-3.745	84.474
2020/06/12	12:44:50	1.7667	-3.857	84.587
2020/06/12	12:45:20	1.7750	-3.842	84.999