

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD Received
6/19/2020FORM 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.
NMSF078459

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
89100044108. Well Name and No.
SAN JUAN 32-7 NP 2039. API Well No.
30-045-27458-00-S110. Field and Pool or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State

SAN JUAN 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 22 T32N R7W SWNE 1479FNL 1608FEL
36.969358 N Lat, 107.550942 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
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
BP	☐ 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.

Attached is the annual POW report taken from the subject well on 6/15/2020.

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

**Electronic Submission #519108 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 06/19/2020 (20JK0653SE)**

Name (Printed/Typed) PRISCILLA SHORTY

Title OPERATIONS REGULATORY TECH SR

Signature (Electronic Submission)

Date 06/16/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JOE KILLINS
Title ENGINEER

Date 06/19/2020

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 32-7 UNIT #203
Well Location	T32N-R7W-SEC22
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	3205-3240
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	13
Casing Flange (CF)	
KB-CF	
Ground Level	6624
Plug Back Total Depth	3305
Total Depth	3349
Production Casing	7 TO 3349
Production Tubing	2 7/8 TO 3288

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	6/15/20
Dead-weight Gauge Tubing Pressure	3
Dead-weight Gauge Casing Pressure	100
Shut-in Date (Duration)	
Date / Time on Bottom	6/15/20 @1142
Date / Time off Bottom	6/15/20 @1242

Probe Serial Number	
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3200

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	59.4 psig
Maximum Recorded Probe Temperature	116.5 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 32-7 UNIT #203
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/15/20



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 32-7 UNIT #203
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	6/15/20



COMMENTS

Reported By

EXPERT DOWNHOLE SERVICES, INC.

RIH WITH 1.50 IMPRESSION BLOCK, TAGGED FILL @3302 WLM. RIH WITH BHP GAUGES TO 3200 WLM FOR 1 HOUR THEN POOH MAKING 5 MINUTE STOPS PER REQUEST.

Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #203
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/15/20



Pressure vs. Depth

Probe Serial Number

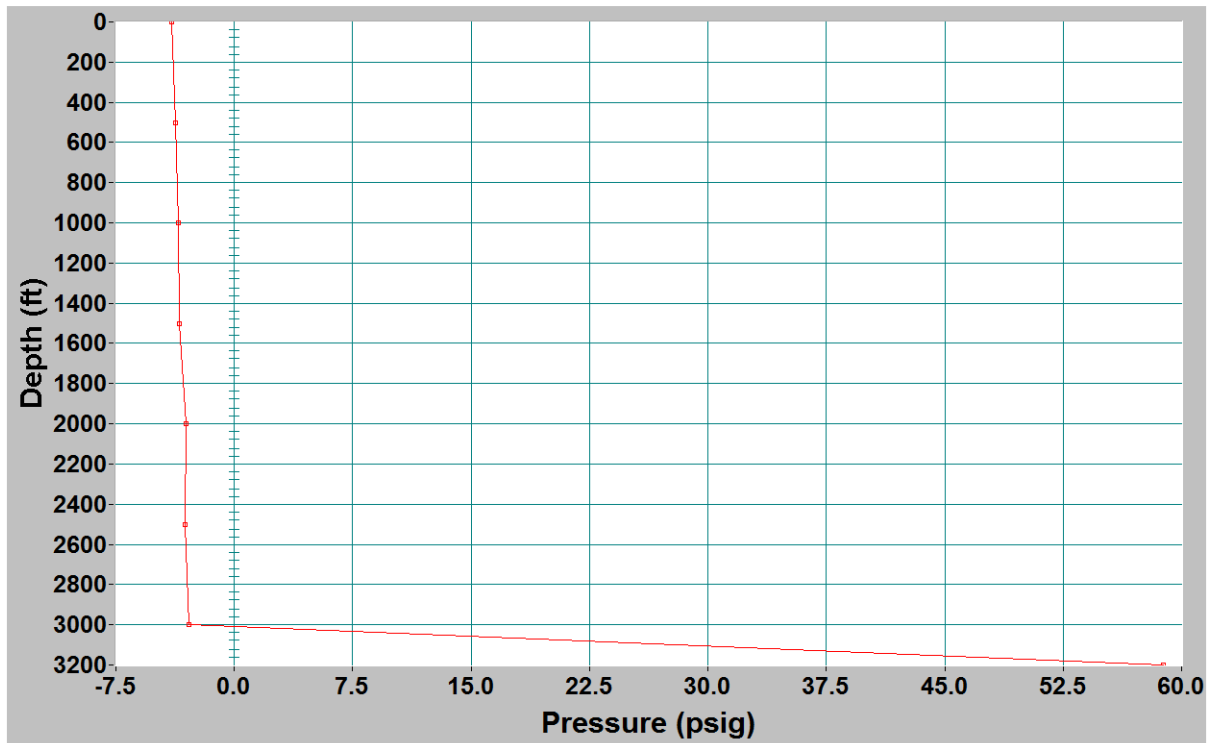
		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1142	1242	3200.000	58.824	-	101.453	-
1243	1248	3000.000	-2.878	0.3085	114.431	-0.0649
1249	1254	2500.000	-3.099	0.0004	112.143	0.0046
1256	1301	2000.000	-3.081	0.0000	107.353	0.0096
1302	1307	1500.000	-3.460	0.0008	102.353	0.0100
1308	1313	1000.000	-3.566	0.0002	98.636	0.0074
1314	1319	500.000	-3.743	0.0004	94.838	0.0076
1321	1326	0.000	-3.973	0.0005	90.912	0.0079

Extrapolated to MPP:

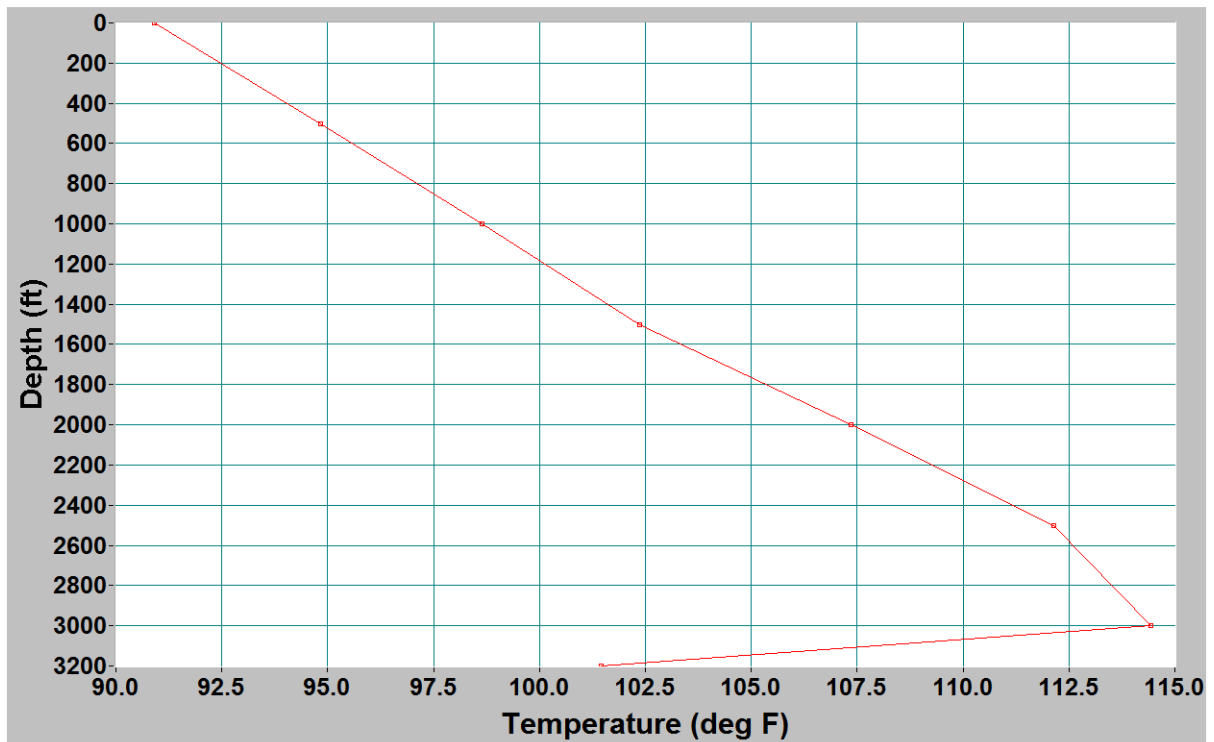
(ft)	(psig)	(deg F)
0.000		

Probe Serial Number

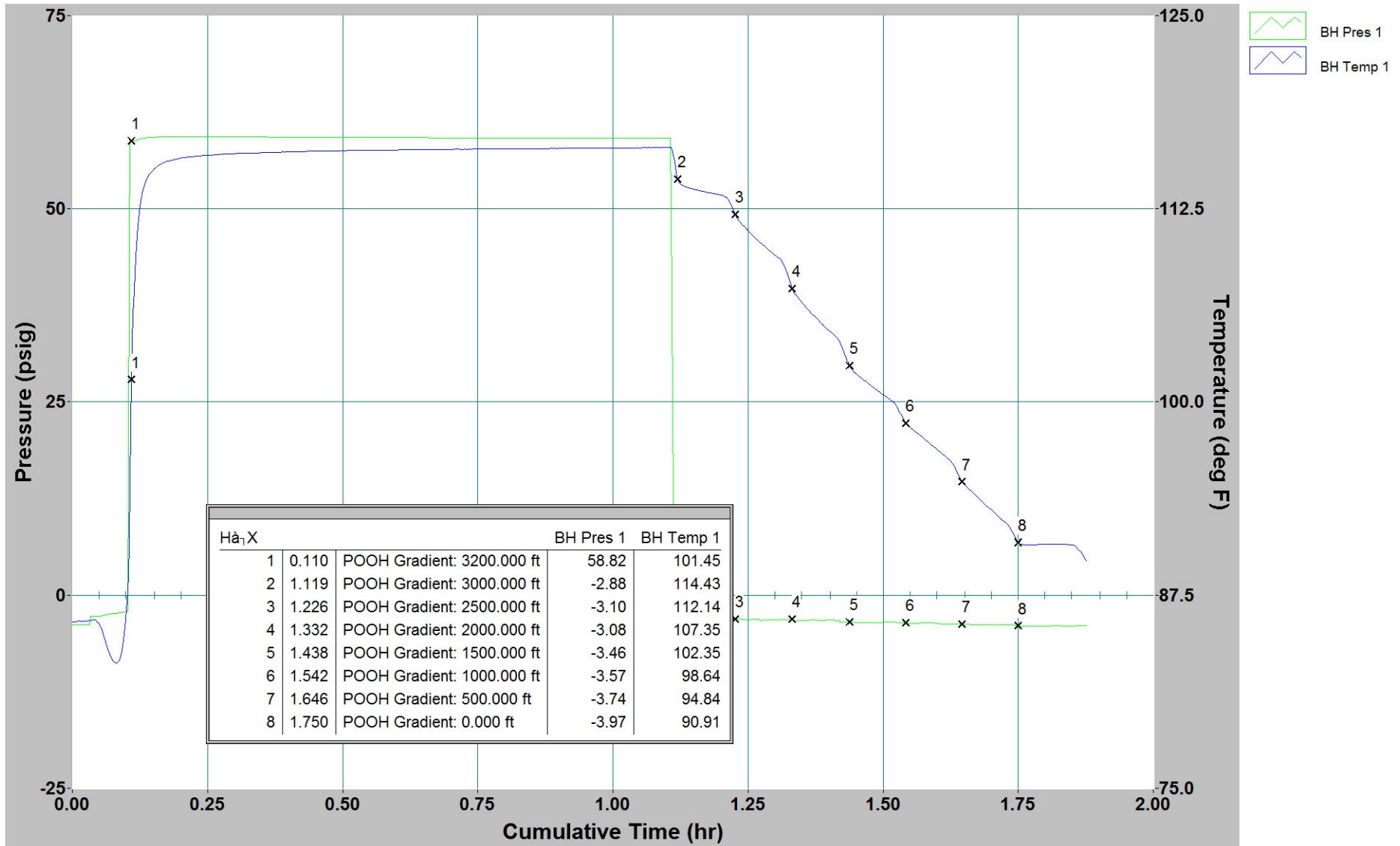
Depth vs. Pressure



Depth vs. Temperature



SAN JUAN 32-7 UNIT #203 POW 2020



Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #203
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/15/20



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	11:36:05	0.0000	-3.822	85.782
2020/06/15	11:36:35	0.0083	-3.842	85.789
2020/06/15	11:37:05	0.0167	-3.867	85.827
2020/06/15	11:37:35	0.0250	-3.872	85.818
2020/06/15	11:38:05	0.0333	-2.755	85.858
2020/06/15	11:38:35	0.0417	-2.765	85.921
2020/06/15	11:39:05	0.0500	-2.719	85.600
2020/06/15	11:39:35	0.0583	-2.601	84.798
2020/06/15	11:40:05	0.0667	-2.480	83.910
2020/06/15	11:40:35	0.0750	-2.383	83.284
2020/06/15	11:41:05	0.0833	-2.308	83.142
2020/06/15	11:41:35	0.0917	-2.223	83.962
2020/06/15	11:42:05	0.1000	-2.190	86.522
2020/06/15	11:42:35	0.1083	58.870	98.398
POOH Gradient: 3200.000 ft				
2020/06/15	11:42:40	0.1097	58.824	101.453
2020/06/15	11:43:05	0.1167	58.836	109.321
2020/06/15	11:43:35	0.1250	59.001	112.660
2020/06/15	11:44:05	0.1333	59.120	114.021
2020/06/15	11:44:35	0.1417	59.266	114.652
2020/06/15	11:45:05	0.1500	59.272	115.050
2020/06/15	11:45:35	0.1583	59.317	115.286
2020/06/15	11:46:05	0.1667	59.321	115.448
2020/06/15	11:46:35	0.1750	59.341	115.565
2020/06/15	11:47:05	0.1833	59.352	115.646
2020/06/15	11:47:35	0.1917	59.354	115.711
2020/06/15	11:48:05	0.2000	59.355	115.777
2020/06/15	11:48:35	0.2083	59.361	115.826
2020/06/15	11:49:05	0.2167	59.368	115.860
2020/06/15	11:49:35	0.2250	59.366	115.889
2020/06/15	11:50:05	0.2333	59.357	115.925
2020/06/15	11:50:35	0.2417	59.356	115.941
2020/06/15	11:51:05	0.2500	59.354	115.961
2020/06/15	11:51:35	0.2583	59.353	115.981
2020/06/15	11:52:05	0.2667	59.341	116.008
2020/06/15	11:52:35	0.2750	59.336	116.033
2020/06/15	11:53:05	0.2833	59.338	116.042
2020/06/15	11:53:35	0.2917	59.334	116.053
2020/06/15	11:54:05	0.3000	59.330	116.069
2020/06/15	11:54:35	0.3083	59.322	116.085
2020/06/15	11:55:05	0.3167	59.319	116.087
2020/06/15	11:55:35	0.3250	59.314	116.101
2020/06/15	11:56:05	0.3333	59.320	116.107
2020/06/15	11:56:35	0.3417	59.310	116.118
2020/06/15	11:57:05	0.3500	59.299	116.132
2020/06/15	11:57:35	0.3583	59.301	116.143
2020/06/15	11:58:05	0.3667	59.294	116.155
2020/06/15	11:58:35	0.3750	59.290	116.155
2020/06/15	11:59:05	0.3833	59.290	116.164
2020/06/15	11:59:35	0.3917	59.290	116.170
2020/06/15	12:00:05	0.4000	59.285	116.179
2020/06/15	12:00:35	0.4083	59.282	116.186
2020/06/15	12:01:05	0.4167	59.271	116.199
2020/06/15	12:01:35	0.4250	59.267	116.209

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	12:02:05	0.4333	59.253	116.215
2020/06/15	12:02:35	0.4417	59.250	116.220
2020/06/15	12:03:05	0.4500	59.249	116.229
2020/06/15	12:03:35	0.4583	59.249	116.231
2020/06/15	12:04:05	0.4667	59.242	116.233
2020/06/15	12:04:35	0.4750	59.238	116.238
2020/06/15	12:05:05	0.4833	59.241	116.244
2020/06/15	12:05:35	0.4917	59.230	116.256
2020/06/15	12:06:05	0.5000	59.244	116.254
2020/06/15	12:06:35	0.5083	59.246	116.271
2020/06/15	12:07:05	0.5167	59.236	116.269
2020/06/15	12:07:35	0.5250	59.232	116.280
2020/06/15	12:08:05	0.5333	59.228	116.280
2020/06/15	12:08:35	0.5417	59.228	116.290
2020/06/15	12:09:05	0.5500	59.224	116.292
2020/06/15	12:09:35	0.5583	59.221	116.290
2020/06/15	12:10:05	0.5667	59.221	116.292
2020/06/15	12:10:35	0.5750	59.224	116.292
2020/06/15	12:11:05	0.5833	59.224	116.296
2020/06/15	12:11:35	0.5917	59.217	116.298
2020/06/15	12:12:05	0.6000	59.217	116.307
2020/06/15	12:12:35	0.6083	59.213	116.314
2020/06/15	12:13:05	0.6167	59.216	116.317
2020/06/15	12:13:35	0.6250	59.212	116.323
2020/06/15	12:14:05	0.6333	59.212	116.328
2020/06/15	12:14:35	0.6417	59.209	116.326
2020/06/15	12:15:05	0.6500	59.205	116.325
2020/06/15	12:15:35	0.6583	59.202	116.332
2020/06/15	12:16:05	0.6667	59.201	116.335
2020/06/15	12:16:35	0.6750	59.198	116.339
2020/06/15	12:17:05	0.6833	59.197	116.348
2020/06/15	12:17:35	0.6917	59.197	116.350
2020/06/15	12:18:05	0.7000	59.200	116.350
2020/06/15	12:18:35	0.7083	59.199	116.362
2020/06/15	12:19:05	0.7167	59.196	116.361
2020/06/15	12:19:35	0.7250	59.187	116.355
2020/06/15	12:20:05	0.7333	59.184	116.352
2020/06/15	12:20:35	0.7417	59.180	116.361
2020/06/15	12:21:05	0.7500	59.186	116.362
2020/06/15	12:21:35	0.7583	59.183	116.366
2020/06/15	12:22:05	0.7667	59.179	116.368
2020/06/15	12:22:35	0.7750	59.179	116.375
2020/06/15	12:23:05	0.7833	59.189	116.373
2020/06/15	12:23:35	0.7917	59.185	116.384
2020/06/15	12:24:05	0.8000	59.181	116.386
2020/06/15	12:24:35	0.8083	59.171	116.384
2020/06/15	12:25:05	0.8167	59.175	116.379
2020/06/15	12:25:35	0.8250	59.182	116.379
2020/06/15	12:26:05	0.8333	59.172	116.380
2020/06/15	12:26:35	0.8417	59.165	116.382
2020/06/15	12:27:05	0.8500	59.161	116.391
2020/06/15	12:27:35	0.8583	59.161	116.395
2020/06/15	12:28:05	0.8667	59.164	116.391
2020/06/15	12:28:35	0.8750	59.160	116.402

Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #203
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/15/20



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	12:29:05	0.8833	59.164	116.398
2020/06/15	12:29:35	0.8917	59.173	116.406
2020/06/15	12:30:05	0.9000	59.166	116.409
2020/06/15	12:30:35	0.9083	59.163	116.407
2020/06/15	12:31:05	0.9167	59.163	116.413
2020/06/15	12:31:35	0.9250	59.162	116.416
2020/06/15	12:32:05	0.9333	59.156	116.418
2020/06/15	12:32:35	0.9417	59.153	116.416
2020/06/15	12:33:05	0.9500	59.156	116.418
2020/06/15	12:33:35	0.9583	59.152	116.416
2020/06/15	12:34:05	0.9667	59.156	116.418
2020/06/15	12:34:35	0.9750	59.146	116.416
2020/06/15	12:35:05	0.9833	59.153	116.416
2020/06/15	12:35:35	0.9917	59.152	116.418
2020/06/15	12:36:05	1.0000	59.152	116.427
2020/06/15	12:36:35	1.0083	59.152	116.425
2020/06/15	12:37:05	1.0167	59.145	116.427
2020/06/15	12:37:35	1.0250	59.138	116.438
2020/06/15	12:38:05	1.0333	59.124	116.445
2020/06/15	12:38:35	1.0417	59.121	116.449
2020/06/15	12:39:05	1.0500	59.121	116.445
2020/06/15	12:39:35	1.0583	59.124	116.451
2020/06/15	12:40:05	1.0667	59.124	116.451
2020/06/15	12:40:35	1.0750	59.123	116.454
2020/06/15	12:41:05	1.0833	59.124	116.452
2020/06/15	12:41:35	1.0917	59.119	116.469
2020/06/15	12:42:05	1.1000	59.123	116.461
2020/06/15	12:42:35	1.1083	50.132	116.458
2020/06/15	12:43:05	1.1167	-2.909	114.854
POOH Gradient: 3000.000 ft				
2020/06/15	12:43:15	1.1194	-2.878	114.431
2020/06/15	12:43:35	1.1250	-3.081	114.105
2020/06/15	12:44:05	1.1333	-2.862	113.938
2020/06/15	12:44:35	1.1417	-2.580	113.850
2020/06/15	12:45:05	1.1500	-2.420	113.769
2020/06/15	12:45:35	1.1583	-2.967	113.698
2020/06/15	12:46:05	1.1667	-2.995	113.628
2020/06/15	12:46:35	1.1750	-3.031	113.562
2020/06/15	12:47:05	1.1833	-3.016	113.509
2020/06/15	12:47:35	1.1917	-3.003	113.445
2020/06/15	12:48:05	1.2000	-2.989	113.394
2020/06/15	12:48:35	1.2083	-3.043	113.279
2020/06/15	12:49:05	1.2167	-3.182	112.899
2020/06/15	12:49:35	1.2250	-3.117	112.260
POOH Gradient: 2500.000 ft				
2020/06/15	12:49:40	1.2264	-3.099	112.143
2020/06/15	12:50:05	1.2333	-3.047	111.738
2020/06/15	12:50:35	1.2417	-3.106	111.396
2020/06/15	12:51:05	1.2500	-3.186	111.085
2020/06/15	12:51:35	1.2583	-3.134	110.791
2020/06/15	12:52:05	1.2667	-3.107	110.505
2020/06/15	12:52:35	1.2750	-3.257	110.248
2020/06/15	12:53:05	1.2833	-3.151	109.989
2020/06/15	12:53:35	1.2917	-3.215	109.744

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	12:54:05	1.3000	-3.168	109.504
2020/06/15	12:54:35	1.3083	-3.157	109.281
2020/06/15	12:55:05	1.3167	-3.175	108.826
2020/06/15	12:55:35	1.3250	-3.142	108.086
POOH Gradient: 2000.000 ft				
2020/06/15	12:56:00	1.3319	-3.081	107.353
2020/06/15	12:56:05	1.3333	-3.126	107.224
2020/06/15	12:56:35	1.3417	-3.323	106.772
2020/06/15	12:57:05	1.3500	-3.288	106.423
2020/06/15	12:57:35	1.3583	-3.267	106.095
2020/06/15	12:58:05	1.3667	-3.234	105.777
2020/06/15	12:58:35	1.3750	-3.226	105.472
2020/06/15	12:59:05	1.3833	-3.240	105.170
2020/06/15	12:59:35	1.3917	-3.256	104.891
2020/06/15	13:00:05	1.4000	-3.225	104.614
2020/06/15	13:00:35	1.4083	-3.217	104.351
2020/06/15	13:01:05	1.4167	-3.326	104.072
2020/06/15	13:01:35	1.4250	-3.524	103.471
2020/06/15	13:02:05	1.4333	-3.454	102.735
POOH Gradient: 1500.000 ft				
2020/06/15	13:02:20	1.4375	-3.460	102.353
2020/06/15	13:02:35	1.4417	-3.496	102.112
2020/06/15	13:03:05	1.4500	-3.562	101.829
2020/06/15	13:03:35	1.4583	-3.553	101.584
2020/06/15	13:04:05	1.4667	-3.556	101.356
2020/06/15	13:04:35	1.4750	-3.547	101.133
2020/06/15	13:05:05	1.4833	-3.527	100.902
2020/06/15	13:05:35	1.4917	-3.539	100.692
2020/06/15	13:06:05	1.5000	-3.515	100.472
2020/06/15	13:06:35	1.5083	-3.499	100.267
2020/06/15	13:07:05	1.5167	-3.482	100.060
2020/06/15	13:07:35	1.5250	-3.547	99.756
2020/06/15	13:08:05	1.5333	-3.571	99.207
POOH Gradient: 1000.000 ft				
2020/06/15	13:08:35	1.5417	-3.566	98.636
2020/06/15	13:09:05	1.5500	-3.648	98.341
2020/06/15	13:09:35	1.5583	-3.629	98.121
2020/06/15	13:10:05	1.5667	-3.620	97.894
2020/06/15	13:10:35	1.5750	-3.600	97.644
2020/06/15	13:11:05	1.5833	-3.601	97.403
2020/06/15	13:11:35	1.5917	-3.601	97.158
2020/06/15	13:12:05	1.6000	-3.630	96.917
2020/06/15	13:12:35	1.6083	-3.784	96.672
2020/06/15	13:13:05	1.6167	-3.759	96.429
2020/06/15	13:13:35	1.6250	-3.745	96.199
2020/06/15	13:14:05	1.6333	-3.736	95.707
2020/06/15	13:14:35	1.6417	-3.779	95.128
POOH Gradient: 500.000 ft				
2020/06/15	13:14:50	1.6458	-3.743	94.838
2020/06/15	13:15:05	1.6500	-3.784	94.651
2020/06/15	13:15:35	1.6583	-3.770	94.375
2020/06/15	13:16:05	1.6667	-3.821	94.109
2020/06/15	13:16:35	1.6750	-3.816	93.832
2020/06/15	13:17:05	1.6833	-3.818	93.562

Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #203
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/15/20



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	13:17:35	1.6917	-3.848	93.285
2020/06/15	13:18:05	1.7000	-3.853	93.015
2020/06/15	13:18:35	1.7083	-3.840	92.746
2020/06/15	13:19:05	1.7167	-3.872	92.485
2020/06/15	13:19:35	1.7250	-3.837	92.239
2020/06/15	13:20:05	1.7333	-3.814	91.935
2020/06/15	13:20:35	1.7417	-3.981	91.452
POOH Gradient: 0.000 ft				
2020/06/15	13:21:05	1.7500	-3.973	90.912
2020/06/15	13:21:35	1.7583	-4.001	90.770
2020/06/15	13:22:05	1.7667	-4.018	90.756
2020/06/15	13:22:35	1.7750	-4.026	90.765
2020/06/15	13:23:05	1.7833	-4.014	90.770
2020/06/15	13:23:35	1.7917	-4.015	90.779
2020/06/15	13:24:05	1.8000	-4.000	90.786
2020/06/15	13:24:35	1.8083	-3.991	90.788
2020/06/15	13:25:05	1.8167	-3.977	90.797
2020/06/15	13:25:35	1.8250	-3.957	90.793
2020/06/15	13:26:05	1.8333	-4.005	90.793
2020/06/15	13:26:35	1.8417	-4.005	90.774
2020/06/15	13:27:05	1.8500	-4.001	90.747
2020/06/15	13:27:35	1.8583	-3.970	90.552
2020/06/15	13:28:05	1.8667	-3.934	90.262
2020/06/15	13:28:35	1.8750	-3.907	89.785