

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.
NMSF078542

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
SAN JUAN 32-7 2119. API Well No.
30-045-28238-00-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 35 T32N R7W NESW 1334FSL 1679FWL
36.933670 N Lat, 107.538960 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 recomplete 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 6/15/2020.

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

**Electronic Submission #519112 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 (20JK0654SE)**

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

ACCEPTEDJOE 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 #211
Well Location	T32N-R7W-SEC35
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	3213-3336
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	11
Casing Flange (CF)	
KB-CF	
Ground Level	6547
Plug Back Total Depth	3330
Total Depth	3331
Production Casing	7 TO 3185
Production Tubing	2 3/8 TO 3075

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	6/15/20
Dead-weight Gauge Tubing Pressure	0
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	6/15/20 @0851
Date / Time off Bottom	6/15/20 @0951

Probe Serial Number	
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3100

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	318.6 psig
Maximum Recorded Probe Temperature	111.1 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 #211
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 #211
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 @3146 WLM. RIH WITH BHP GAUGES TO 3100 WLM FOR 1 HOUR THEN POOH MAKING 5 MINUTE STOPS PER REQUEST.

Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #211
Type of Test POOH STATIC GRADIENT
Date(s) of Test 6/15/20



Pressure vs. Depth

Probe Serial Number

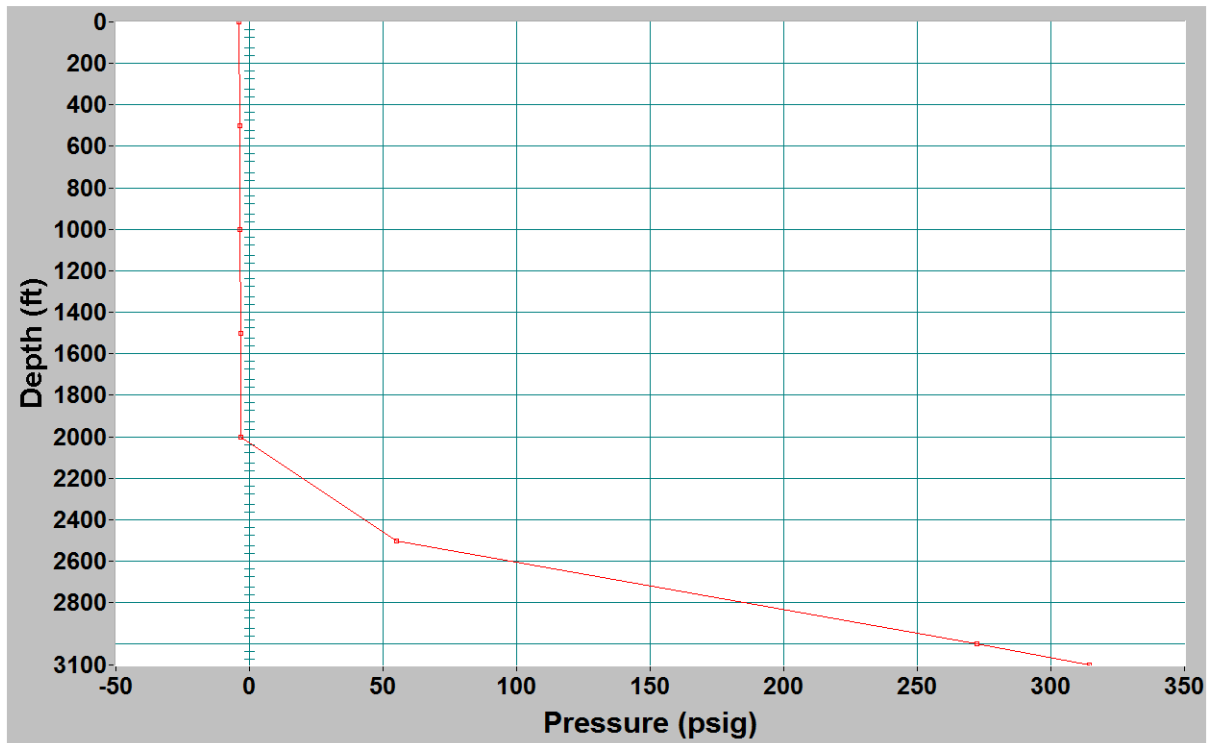
		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0851	0951	3100.000	314.294	-	106.223	-
0951	0956	3000.000	272.363	0.4193	110.577	-0.0435
0958	1003	2500.000	55.111	0.4345	101.325	0.0185
1004	1009	2000.000	-3.162	0.1165	96.548	0.0096
1010	1015	1500.000	-3.312	0.0003	93.310	0.0065
1017	1022	1000.000	-3.555	0.0005	89.082	0.0085
1023	1028	500.000	-3.739	0.0004	84.965	0.0082
1029	1034	0.000	-3.995	0.0005	80.694	0.0085

Extrapolated to MPP:

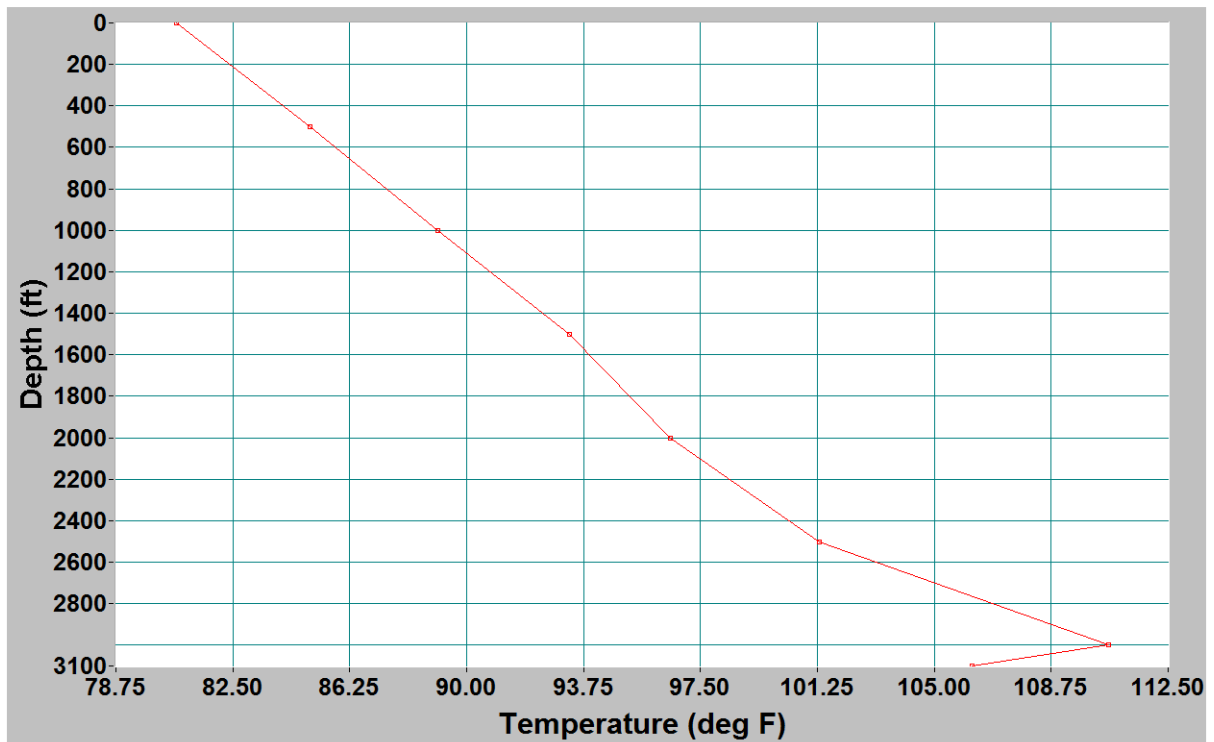
(ft)	(psig)	(deg F)
0.000		

Probe Serial Number

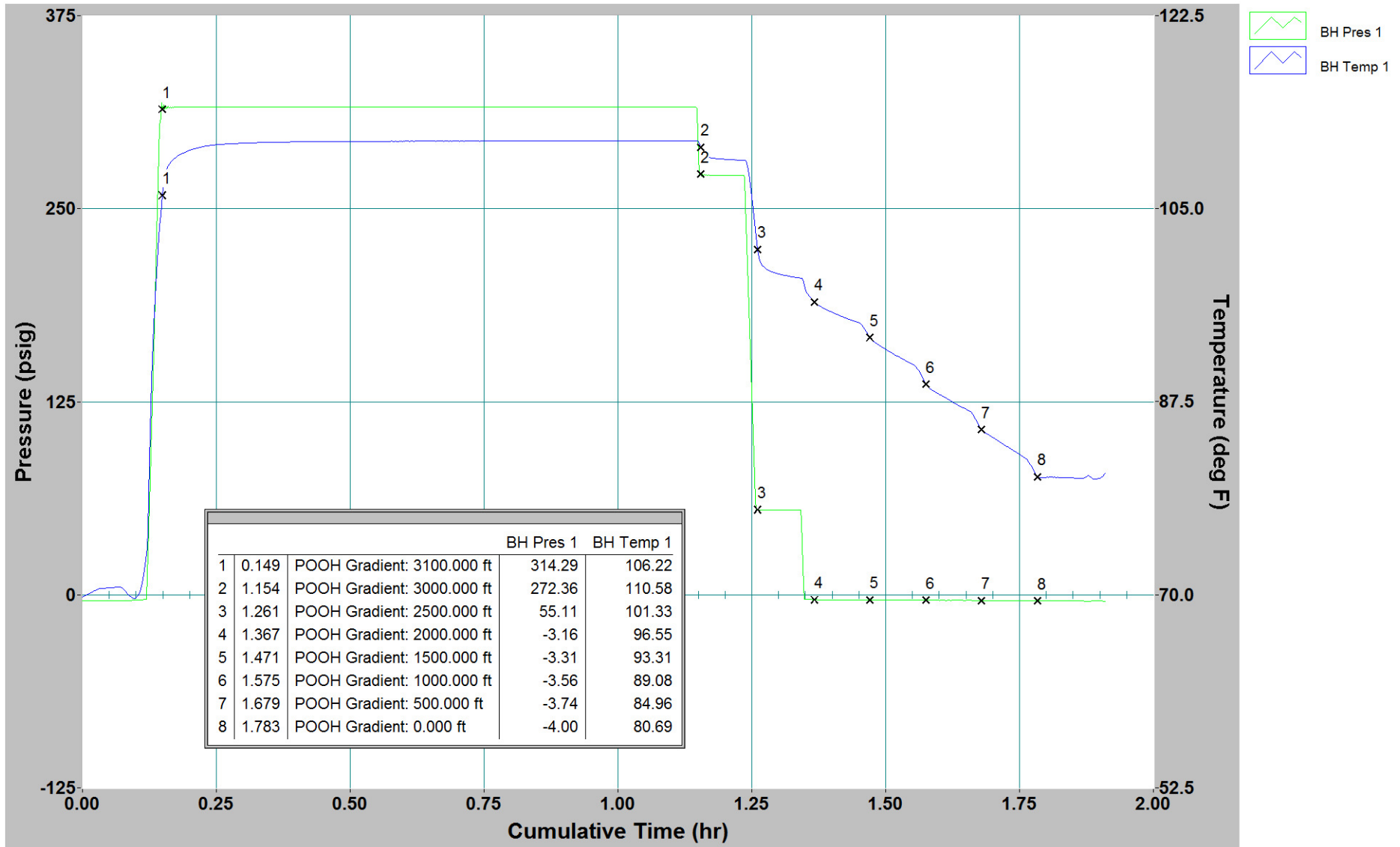
Depth vs. Pressure



Depth vs. Temperature



SAN JUAN 32-7 UNIT #211 POW 2020



Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #211
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	08:42:35	0.0000	-3.762	69.804
2020/06/15	08:43:05	0.0083	-3.796	69.987
2020/06/15	08:43:35	0.0167	-3.818	70.200
2020/06/15	08:44:05	0.0250	-3.849	70.426
2020/06/15	08:44:35	0.0333	-3.864	70.574
2020/06/15	08:45:05	0.0417	-3.864	70.590
2020/06/15	08:45:35	0.0500	-3.867	70.633
2020/06/15	08:46:05	0.0583	-3.875	70.666
2020/06/15	08:46:35	0.0667	-3.875	70.704
2020/06/15	08:47:05	0.0750	-3.847	70.558
2020/06/15	08:47:35	0.0833	-3.761	70.131
2020/06/15	08:48:05	0.0917	-3.618	69.773
2020/06/15	08:48:35	0.1000	-3.392	69.714
2020/06/15	08:49:05	0.1083	-3.209	70.488
2020/06/15	08:49:35	0.1167	-3.063	72.694
2020/06/15	08:50:05	0.1250	58.499	81.957
2020/06/15	08:50:35	0.1333	157.124	94.381
2020/06/15	08:51:05	0.1417	268.969	101.336
POOH Gradient: 3100.000 ft				
2020/06/15	08:51:30	0.1486	314.294	106.223
2020/06/15	08:51:35	0.1500	314.461	106.925
2020/06/15	08:52:05	0.1583	315.199	108.721
2020/06/15	08:52:35	0.1667	315.571	109.308
2020/06/15	08:53:05	0.1750	315.646	109.665
2020/06/15	08:53:35	0.1833	315.700	109.931
2020/06/15	08:54:05	0.1917	315.742	110.134
2020/06/15	08:54:35	0.2000	315.774	110.295
2020/06/15	08:55:05	0.2083	315.791	110.421
2020/06/15	08:55:35	0.2167	315.803	110.523
2020/06/15	08:56:05	0.2250	315.813	110.620
2020/06/15	08:56:35	0.2333	315.815	110.696
2020/06/15	08:57:05	0.2417	315.811	110.761
2020/06/15	08:57:35	0.2500	315.812	110.809
2020/06/15	08:58:05	0.2583	315.804	110.829
2020/06/15	08:58:35	0.2667	315.794	110.858
2020/06/15	08:59:05	0.2750	315.797	110.883
2020/06/15	08:59:35	0.2833	315.796	110.905
2020/06/15	09:00:05	0.2917	315.797	110.923
2020/06/15	09:00:35	0.3000	315.791	110.935
2020/06/15	09:01:05	0.3083	315.788	110.955
2020/06/15	09:01:35	0.3167	315.780	110.973
2020/06/15	09:02:05	0.3250	315.782	110.984
2020/06/15	09:02:35	0.3333	315.778	110.995
2020/06/15	09:03:05	0.3417	315.781	111.006
2020/06/15	09:03:35	0.3500	315.777	111.015
2020/06/15	09:04:05	0.3583	315.770	111.027
2020/06/15	09:04:35	0.3667	315.774	111.031
2020/06/15	09:05:05	0.3750	315.765	111.036
2020/06/15	09:05:35	0.3833	315.758	111.045
2020/06/15	09:06:05	0.3917	315.763	111.056
2020/06/15	09:06:35	0.4000	315.762	111.061
2020/06/15	09:07:05	0.4083	315.756	111.063
2020/06/15	09:07:35	0.4167	315.750	111.067
2020/06/15	09:08:05	0.4250	315.744	111.070

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	09:08:35	0.4333	315.750	111.081
2020/06/15	09:09:05	0.4417	315.742	111.074
2020/06/15	09:09:35	0.4500	315.750	111.079
2020/06/15	09:10:05	0.4583	315.748	111.085
2020/06/15	09:10:35	0.4667	315.754	111.097
2020/06/15	09:11:05	0.4750	315.746	111.092
2020/06/15	09:11:35	0.4833	315.739	111.103
2020/06/15	09:12:05	0.4917	315.732	111.103
2020/06/15	09:12:35	0.5000	315.729	111.101
2020/06/15	09:13:05	0.5083	315.725	111.099
2020/06/15	09:13:35	0.5167	315.726	111.105
2020/06/15	09:14:05	0.5250	315.720	111.108
2020/06/15	09:14:35	0.5333	315.727	111.106
2020/06/15	09:15:05	0.5417	315.717	111.105
2020/06/15	09:15:35	0.5500	315.734	111.110
2020/06/15	09:16:05	0.5583	315.728	111.114
2020/06/15	09:16:35	0.5667	315.732	111.114
2020/06/15	09:17:05	0.5750	315.722	111.114
2020/06/15	09:17:35	0.5833	315.715	111.114
2020/06/15	09:18:05	0.5917	315.725	111.115
2020/06/15	09:18:35	0.6000	315.727	111.121
2020/06/15	09:19:05	0.6083	315.724	111.121
2020/06/15	09:19:35	0.6167	315.724	111.121
2020/06/15	09:20:05	0.6250	315.726	111.119
2020/06/15	09:20:35	0.6333	315.717	111.121
2020/06/15	09:21:05	0.6417	315.717	111.123
2020/06/15	09:21:35	0.6500	315.704	111.121
2020/06/15	09:22:05	0.6583	315.700	111.119
2020/06/15	09:22:35	0.6667	315.703	111.117
2020/06/15	09:23:05	0.6750	315.696	111.115
2020/06/15	09:23:35	0.6833	315.704	111.121
2020/06/15	09:24:05	0.6917	315.703	111.119
2020/06/15	09:24:35	0.7000	315.694	111.121
2020/06/15	09:25:05	0.7083	315.708	111.123
2020/06/15	09:25:35	0.7167	315.703	111.119
2020/06/15	09:26:05	0.7250	315.701	111.121
2020/06/15	09:26:35	0.7333	315.697	111.119
2020/06/15	09:27:05	0.7417	315.689	111.115
2020/06/15	09:27:35	0.7500	315.690	111.119
2020/06/15	09:28:05	0.7583	315.695	111.124
2020/06/15	09:28:35	0.7667	315.696	111.126
2020/06/15	09:29:05	0.7750	315.692	111.126
2020/06/15	09:29:35	0.7833	315.689	111.126
2020/06/15	09:30:05	0.7917	315.686	111.128
2020/06/15	09:30:35	0.8000	315.683	111.128
2020/06/15	09:31:05	0.8083	315.687	111.130
2020/06/15	09:31:35	0.8167	315.684	111.133
2020/06/15	09:32:05	0.8250	315.694	111.133
2020/06/15	09:32:35	0.8333	315.689	111.128
2020/06/15	09:33:05	0.8417	315.683	111.130
2020/06/15	09:33:35	0.8500	315.687	111.133
2020/06/15	09:34:05	0.8583	315.687	111.130
2020/06/15	09:34:35	0.8667	315.677	111.132
2020/06/15	09:35:05	0.8750	315.681	111.133

Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #211
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	09:35:35	0.8833	315.675	111.137
2020/06/15	09:36:05	0.8917	315.681	111.133
2020/06/15	09:36:35	0.9000	315.681	111.133
2020/06/15	09:37:05	0.9083	315.684	111.133
2020/06/15	09:37:35	0.9167	315.688	111.135
2020/06/15	09:38:05	0.9250	315.679	111.137
2020/06/15	09:38:35	0.9333	315.673	111.130
2020/06/15	09:39:05	0.9417	315.665	111.137
2020/06/15	09:39:35	0.9500	315.674	111.133
2020/06/15	09:40:05	0.9583	315.674	111.133
2020/06/15	09:40:35	0.9667	315.667	111.132
2020/06/15	09:41:05	0.9750	315.672	111.137
2020/06/15	09:41:35	0.9833	315.675	111.137
2020/06/15	09:42:05	0.9917	315.664	111.132
2020/06/15	09:42:35	1.0000	315.677	111.132
2020/06/15	09:43:05	1.0083	315.677	111.130
2020/06/15	09:43:35	1.0167	315.677	111.132
2020/06/15	09:44:05	1.0250	315.672	111.137
2020/06/15	09:44:35	1.0333	315.664	111.132
2020/06/15	09:45:05	1.0417	315.668	111.133
2020/06/15	09:45:35	1.0500	315.671	111.133
2020/06/15	09:46:05	1.0583	315.671	111.132
2020/06/15	09:46:35	1.0667	315.667	111.132
2020/06/15	09:47:05	1.0750	315.671	111.133
2020/06/15	09:47:35	1.0833	315.667	111.144
2020/06/15	09:48:05	1.0917	315.663	111.139
2020/06/15	09:48:35	1.1000	315.656	111.137
2020/06/15	09:49:05	1.1083	315.655	111.135
2020/06/15	09:49:35	1.1167	315.659	111.137
2020/06/15	09:50:05	1.1250	315.656	111.137
2020/06/15	09:50:35	1.1333	315.657	111.141
2020/06/15	09:51:05	1.1417	315.659	111.137
2020/06/15	09:51:35	1.1500	284.378	111.105
POOH Gradient: 3000.000 ft				
2020/06/15	09:51:50	1.1542	272.363	110.577
2020/06/15	09:52:05	1.1583	272.053	110.086
2020/06/15	09:52:35	1.1667	271.781	109.728
2020/06/15	09:53:05	1.1750	271.729	109.603
2020/06/15	09:53:35	1.1833	271.731	109.548
2020/06/15	09:54:05	1.1917	271.737	109.510
2020/06/15	09:54:35	1.2000	271.739	109.481
2020/06/15	09:55:05	1.2083	271.740	109.450
2020/06/15	09:55:35	1.2167	271.745	109.425
2020/06/15	09:56:05	1.2250	271.745	109.407
2020/06/15	09:56:35	1.2333	271.751	109.391
2020/06/15	09:57:05	1.2417	213.505	108.878
2020/06/15	09:57:35	1.2500	130.750	106.083
2020/06/15	09:58:05	1.2583	55.224	102.490
POOH Gradient: 2500.000 ft				
2020/06/15	09:58:15	1.2611	55.111	101.325
2020/06/15	09:58:35	1.2667	54.898	100.162
2020/06/15	09:59:05	1.2750	54.775	99.588
2020/06/15	09:59:35	1.2833	54.737	99.354
2020/06/15	10:00:05	1.2917	54.700	99.210

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2020/06/15	10:00:35	1.3000	54.691	99.097
2020/06/15	10:01:05	1.3083	54.683	98.989
2020/06/15	10:01:35	1.3167	54.671	98.910
2020/06/15	10:02:05	1.3250	54.658	98.834
2020/06/15	10:02:35	1.3333	54.654	98.767
2020/06/15	10:03:05	1.3417	54.645	98.715
2020/06/15	10:03:35	1.3500	-2.912	97.806
2020/06/15	10:04:05	1.3583	-3.128	97.005
POOH Gradient: 2000.000 ft				
2020/06/15	10:04:35	1.3667	-3.162	96.548
2020/06/15	10:05:05	1.3750	-3.186	96.231
2020/06/15	10:05:35	1.3833	-3.169	95.997
2020/06/15	10:06:05	1.3917	-3.204	95.792
2020/06/15	10:06:35	1.4000	-3.194	95.605
2020/06/15	10:07:05	1.4083	-3.185	95.425
2020/06/15	10:07:35	1.4167	-3.212	95.250
2020/06/15	10:08:05	1.4250	-3.204	95.097
2020/06/15	10:08:35	1.4333	-3.190	94.944
2020/06/15	10:09:05	1.4417	-3.187	94.798
2020/06/15	10:09:35	1.4500	-3.222	94.660
2020/06/15	10:10:05	1.4583	-3.292	94.267
2020/06/15	10:10:35	1.4667	-3.294	93.663
POOH Gradient: 1500.000 ft				
2020/06/15	10:10:50	1.4708	-3.312	93.310
2020/06/15	10:11:05	1.4750	-3.309	93.047
2020/06/15	10:11:35	1.4833	-3.311	92.752
2020/06/15	10:12:05	1.4917	-3.421	92.498
2020/06/15	10:12:35	1.5000	-3.398	92.248
2020/06/15	10:13:05	1.5083	-3.377	92.010
2020/06/15	10:13:35	1.5167	-3.352	91.773
2020/06/15	10:14:05	1.5250	-3.337	91.553
2020/06/15	10:14:35	1.5333	-3.330	91.323
2020/06/15	10:15:05	1.5417	-3.444	91.116
2020/06/15	10:15:35	1.5500	-3.405	90.910
2020/06/15	10:16:05	1.5583	-3.439	90.599
2020/06/15	10:16:35	1.5667	-3.562	89.899
POOH Gradient: 1000.000 ft				
2020/06/15	10:17:05	1.5750	-3.555	89.082
2020/06/15	10:17:35	1.5833	-3.604	88.664
2020/06/15	10:18:05	1.5917	-3.585	88.419
2020/06/15	10:18:35	1.6000	-3.585	88.178
2020/06/15	10:19:05	1.6083	-3.593	87.942
2020/06/15	10:19:35	1.6167	-3.607	87.706
2020/06/15	10:20:05	1.6250	-3.606	87.480
2020/06/15	10:20:35	1.6333	-3.586	87.247
2020/06/15	10:21:05	1.6417	-3.603	87.030
2020/06/15	10:21:35	1.6500	-3.610	86.817
2020/06/15	10:22:05	1.6583	-3.596	86.599
2020/06/15	10:22:35	1.6667	-3.706	86.049
2020/06/15	10:23:05	1.6750	-3.705	85.316
POOH Gradient: 500.000 ft				
2020/06/15	10:23:20	1.6792	-3.739	84.965
2020/06/15	10:23:35	1.6833	-3.815	84.760
2020/06/15	10:24:05	1.6917	-3.804	84.510

Company Name HILCORP
Well Name SAN JUAN 32-7 UNIT #211
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	10:24:35	1.7000	-3.810	84.265
2020/06/15	10:25:05	1.7083	-3.823	84.002
2020/06/15	10:25:35	1.7167	-3.814	83.743
2020/06/15	10:26:05	1.7250	-3.819	83.489
2020/06/15	10:26:35	1.7333	-3.841	83.230
2020/06/15	10:27:05	1.7417	-3.817	82.972
2020/06/15	10:27:35	1.7500	-3.807	82.726
2020/06/15	10:28:05	1.7583	-3.793	82.474
2020/06/15	10:28:35	1.7667	-3.782	82.119
2020/06/15	10:29:05	1.7750	-3.922	81.396
POOH Gradient: 0.000 ft				
2020/06/15	10:29:35	1.7833	-3.995	80.694
2020/06/15	10:30:05	1.7917	-4.031	80.618
2020/06/15	10:30:35	1.8000	-4.038	80.641
2020/06/15	10:31:05	1.8083	-4.036	80.650
2020/06/15	10:31:35	1.8167	-4.042	80.649
2020/06/15	10:32:05	1.8250	-4.046	80.636
2020/06/15	10:32:35	1.8333	-4.051	80.625
2020/06/15	10:33:05	1.8417	-4.051	80.604
2020/06/15	10:33:35	1.8500	-4.023	80.589
2020/06/15	10:34:05	1.8583	-4.027	80.571
2020/06/15	10:34:35	1.8667	-4.056	80.560
2020/06/15	10:35:05	1.8750	-4.093	80.712
2020/06/15	10:35:35	1.8833	-4.079	80.661
2020/06/15	10:36:05	1.8917	-4.051	80.463
2020/06/15	10:36:35	1.9000	-4.065	80.571
2020/06/15	10:37:05	1.9083	-4.106	80.919