

OIL CONS. DIV DIST. 3
JUN 01 2015

Pressure Test Report

COMPANY INFORMATION

Company Name	CONOCOPHILLIPS
Representative	PRISCILLA SHORTY
Phone	
Fax	
Address	

E-Mail Address	
Service Company	PHOENIX SERVICES

WELL INFORMATION

Well Name	ALLISON UNIT 9
Well Location	T32N, R7W, SEC. 13
Field and Pool	PICTURED CLIFFS
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	7857-7870
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6478
Plug Back Total Depth	7986
Total Depth	8200
Production Casing	7 TO 7857
Production Tubing	2 3/8 TO 7826

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15
Dead-weight Gauge Tubing Pressure	230
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	
Date / Time on Bottom	5/26/15 @ 1103 HRS
Date / Time off Bottom	5/26/15 @ 1203 HRS
Probe Serial Number	1151
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	7824

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	281.8 psig
Maximum Recorded Probe Temperature	242.0 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	35002WP

Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 9
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

PROBE INFORMATION

Probe Serial Number 1151

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	CONOCOPHILLIPS
Well Name	ALLISON UNIT 9
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 IB TO 7825'-SHOWED JUNK-AND TANDEM BHP GAUGES TO 7824'-SET 1 HR-POOH
MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
Well Name	ALLISON UNIT 9
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15

Pressure vs. Depth

Probe Serial Number 1151

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1103	1203	7824.000	281.345	-	241.988	-
1203	1208	7500.000	278.831	0.0078	238.044	0.0122
1208	1213	7000.000	276.242	0.0052	225.997	0.0241
1214	1219	6000.000	270.750	0.0055	207.469	0.0185
1220	1225	5000.000	265.335	0.0054	186.773	0.0207
1226	1231	4000.000	259.418	0.0059	164.838	0.0219
1232	1237	3000.000	252.923	0.0065	139.375	0.0255
1238	12473	2000.000	246.800	0.0061	110.206	0.0292
1244	1249	1000.000	241.294	0.0055	89.013	0.0212
1250	1255	0.000	235.696	0.0056	70.592	0.0184

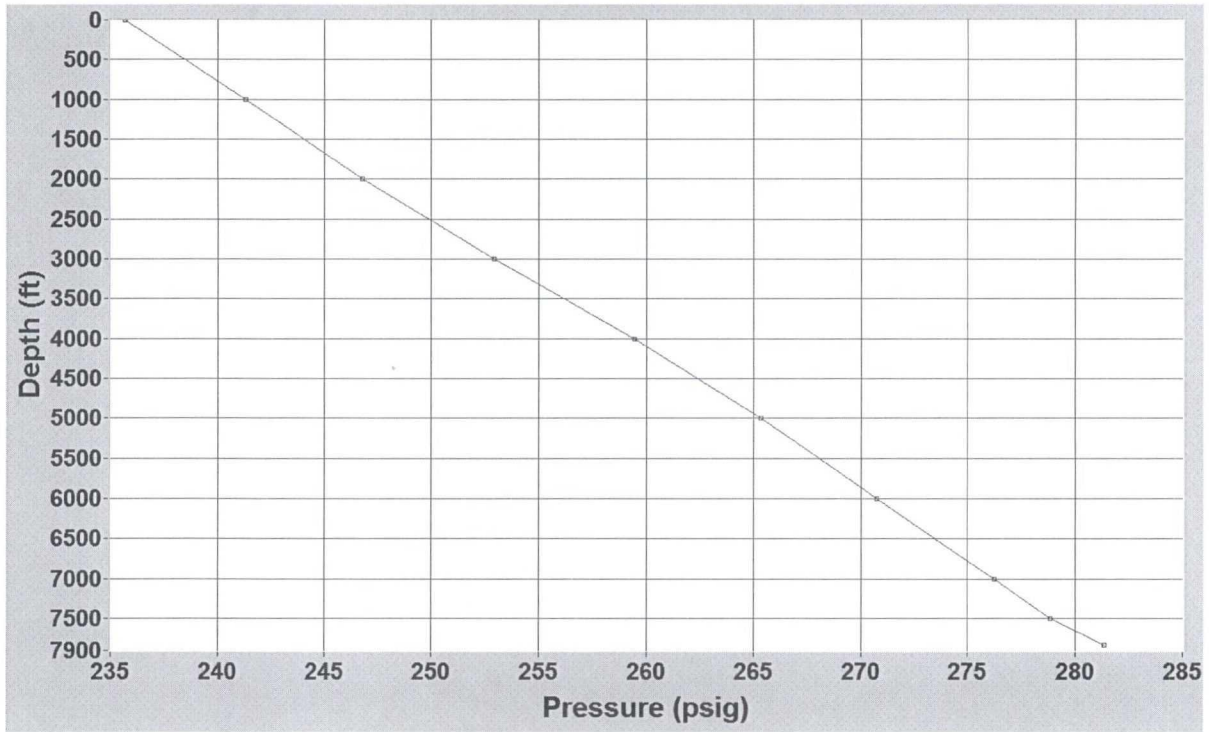
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

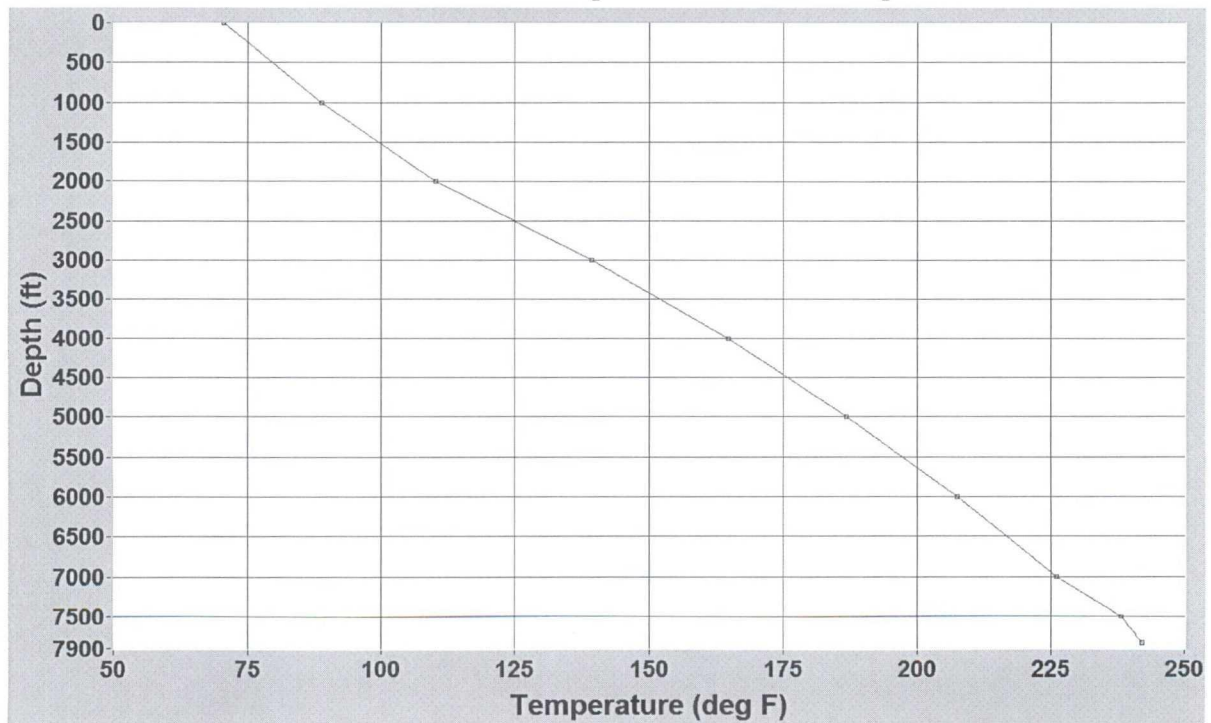
Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 9
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Probe Serial Number 1151

POOH Gradient Depth vs. Pressure

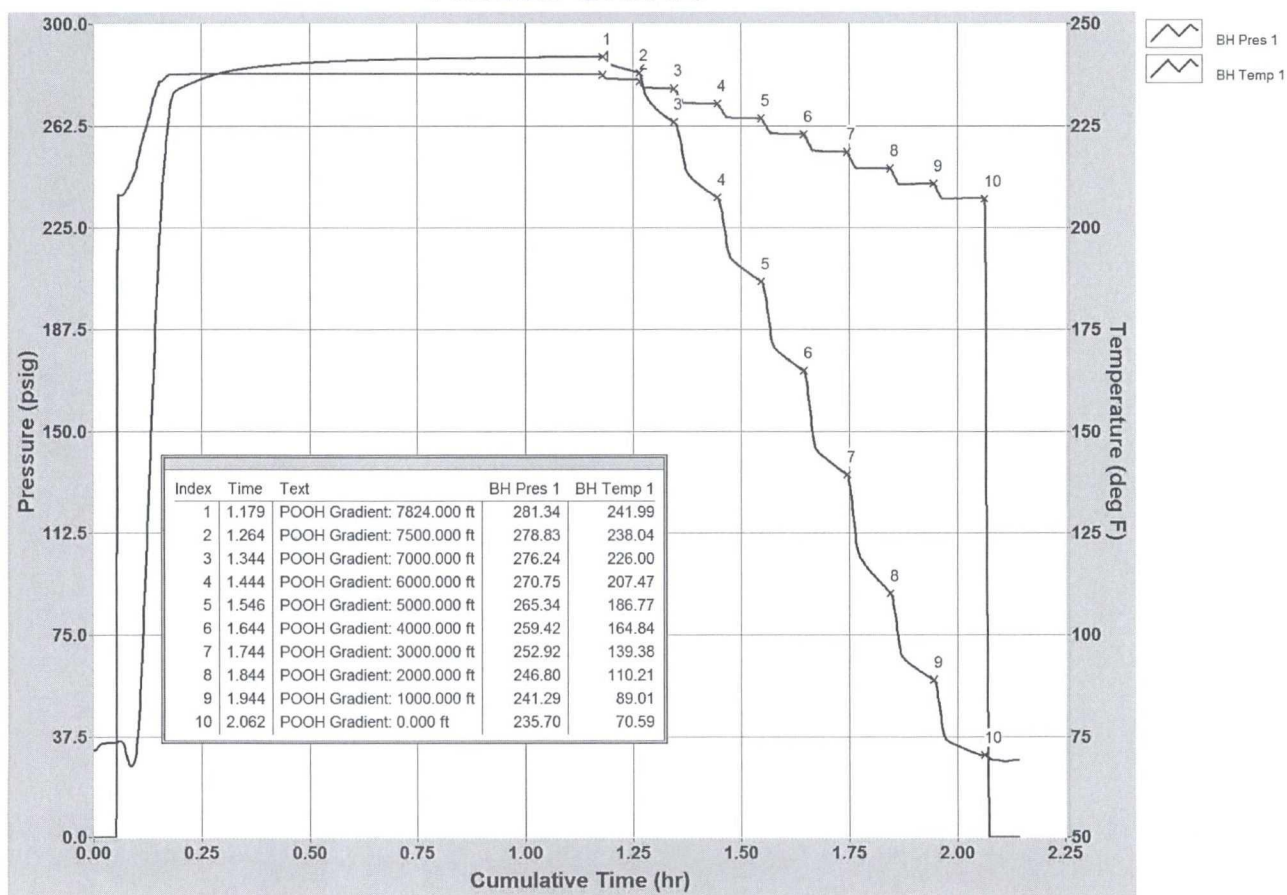


POOH Gradient Depth vs. Temperature



Company Name CONOCOPHILLIPS
 Well Name ALLISON UNIT 9
 Type of Test POOH STATIC GRADIENT
 Date(s) of Test 5/26/15

Allison Unit #9



Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 9
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	10:52:05	0.0000	0.000	71.809
2015/05/26	10:52:35	0.0083	0.000	72.271
2015/05/26	10:53:05	0.0167	0.000	73.222
2015/05/26	10:53:35	0.0250	0.000	73.452
2015/05/26	10:54:05	0.0333	0.000	73.558
2015/05/26	10:54:35	0.0417	0.000	73.629
2015/05/26	10:55:05	0.0500	0.000	73.670
2015/05/26	10:55:35	0.0583	236.942	73.989
2015/05/26	10:56:05	0.0667	237.116	73.717
2015/05/26	10:56:35	0.0750	238.851	71.179
2015/05/26	10:57:05	0.0833	241.165	68.173
2015/05/26	10:57:35	0.0917	243.980	68.142
2015/05/26	10:58:05	0.1000	248.674	72.613
2015/05/26	10:58:35	0.1083	254.802	85.386
2015/05/26	10:59:05	0.1167	259.528	105.429
2015/05/26	10:59:35	0.1250	264.077	126.172
2015/05/26	11:00:05	0.1333	269.297	148.426
2015/05/26	11:00:35	0.1417	274.261	170.915
2015/05/26	11:01:05	0.1500	277.759	191.001
2015/05/26	11:01:35	0.1583	279.134	208.049
2015/05/26	11:02:05	0.1667	280.404	218.946
2015/05/26	11:02:35	0.1750	281.403	227.728
2015/05/26	11:03:05	0.1833	281.501	232.473
2015/05/26	11:03:35	0.1917	281.523	233.699
2015/05/26	11:04:05	0.2000	281.519	234.232
2015/05/26	11:04:35	0.2083	281.551	234.626
2015/05/26	11:05:05	0.2167	281.597	235.022
2015/05/26	11:05:35	0.2250	281.637	235.411
2015/05/26	11:06:05	0.2333	281.672	235.789
2015/05/26	11:06:35	0.2417	281.680	236.151
2015/05/26	11:07:05	0.2500	281.709	236.493
2015/05/26	11:07:35	0.2583	281.719	236.806
2015/05/26	11:08:05	0.2667	281.746	237.117
2015/05/26	11:08:35	0.2750	281.749	237.384
2015/05/26	11:09:05	0.2833	281.768	237.643
2015/05/26	11:09:35	0.2917	281.780	237.875
2015/05/26	11:10:05	0.3000	281.777	238.102
2015/05/26	11:10:35	0.3083	281.783	238.298
2015/05/26	11:11:05	0.3167	281.792	238.485
2015/05/26	11:11:35	0.3250	281.795	238.662
2015/05/26	11:12:05	0.3333	281.808	238.811
2015/05/26	11:12:35	0.3417	281.795	238.962
2015/05/26	11:13:05	0.3500	281.798	239.095
2015/05/26	11:13:35	0.3583	281.801	239.218
2015/05/26	11:14:05	0.3667	281.804	239.340
2015/05/26	11:14:35	0.3750	281.812	239.455
2015/05/26	11:15:05	0.3833	281.807	239.551
2015/05/26	11:15:35	0.3917	281.801	239.657
2015/05/26	11:16:05	0.4000	281.802	239.742
2015/05/26	11:16:35	0.4083	281.792	239.823

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	11:17:05	0.4167	281.790	239.914
2015/05/26	11:17:35	0.4250	281.789	239.988
2015/05/26	11:18:05	0.4333	281.792	240.064
2015/05/26	11:18:35	0.4417	281.781	240.138
2015/05/26	11:19:05	0.4500	281.776	240.201
2015/05/26	11:19:35	0.4583	281.778	240.269
2015/05/26	11:20:05	0.4667	281.783	240.332
2015/05/26	11:20:35	0.4750	281.782	240.382
2015/05/26	11:21:05	0.4833	281.773	240.442
2015/05/26	11:21:35	0.4917	281.762	240.492
2015/05/26	11:22:05	0.5000	281.769	240.550
2015/05/26	11:22:35	0.5083	281.765	240.593
2015/05/26	11:23:05	0.5167	281.761	240.645
2015/05/26	11:23:35	0.5250	281.759	240.683
2015/05/26	11:24:05	0.5333	281.744	240.726
2015/05/26	11:24:35	0.5417	281.742	240.768
2015/05/26	11:25:05	0.5500	281.738	240.816
2015/05/26	11:25:35	0.5583	281.742	240.845
2015/05/26	11:26:05	0.5667	281.737	240.888
2015/05/26	11:26:35	0.5750	281.735	240.922
2015/05/26	11:27:05	0.5833	281.728	240.949
2015/05/26	11:27:35	0.5917	281.715	240.985
2015/05/26	11:28:05	0.6000	281.706	241.023
2015/05/26	11:28:35	0.6083	281.700	241.056
2015/05/26	11:29:05	0.6167	281.703	241.077
2015/05/26	11:29:35	0.6250	281.710	241.111
2015/05/26	11:30:05	0.6333	281.700	241.138
2015/05/26	11:30:35	0.6417	281.694	241.169
2015/05/26	11:31:05	0.6500	281.699	241.187
2015/05/26	11:31:35	0.6583	281.699	241.214
2015/05/26	11:32:05	0.6667	281.700	241.243
2015/05/26	11:32:35	0.6750	281.695	241.264
2015/05/26	11:33:05	0.6833	281.691	241.284
2015/05/26	11:33:35	0.6917	281.691	241.313
2015/05/26	11:34:05	0.7000	281.690	241.335
2015/05/26	11:34:35	0.7083	281.693	241.358
2015/05/26	11:35:05	0.7167	281.682	241.376
2015/05/26	11:35:35	0.7250	281.677	241.392
2015/05/26	11:36:05	0.7333	281.672	241.407
2015/05/26	11:36:35	0.7417	281.666	241.437
2015/05/26	11:37:05	0.7500	281.660	241.450
2015/05/26	11:37:35	0.7583	281.662	241.466
2015/05/26	11:38:05	0.7667	281.659	241.489
2015/05/26	11:38:35	0.7750	281.657	241.504
2015/05/26	11:39:05	0.7833	281.648	241.516
2015/05/26	11:39:35	0.7917	281.646	241.525
2015/05/26	11:40:05	0.8000	281.642	241.551
2015/05/26	11:40:35	0.8083	281.643	241.561
2015/05/26	11:41:05	0.8167	281.641	241.570
2015/05/26	11:41:35	0.8250	281.644	241.590

Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 9
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	11:42:05	0.8333	281.643	241.612
2015/05/26	11:42:35	0.8417	281.641	241.623
2015/05/26	11:43:05	0.8500	281.636	241.639
2015/05/26	11:43:35	0.8583	281.644	241.646
2015/05/26	11:44:05	0.8667	281.634	241.655
2015/05/26	11:44:35	0.8750	281.637	241.677
2015/05/26	11:45:05	0.8833	281.631	241.682
2015/05/26	11:45:35	0.8917	281.636	241.698
2015/05/26	11:46:05	0.9000	281.634	241.704
2015/05/26	11:46:35	0.9083	281.632	241.714
2015/05/26	11:47:05	0.9167	281.630	241.727
2015/05/26	11:47:35	0.9250	281.631	241.740
2015/05/26	11:48:05	0.9333	281.629	241.747
2015/05/26	11:48:35	0.9417	281.624	241.763
2015/05/26	11:49:05	0.9500	281.625	241.776
2015/05/26	11:49:35	0.9583	281.626	241.783
2015/05/26	11:50:05	0.9667	281.624	241.792
2015/05/26	11:50:35	0.9750	281.632	241.799
2015/05/26	11:51:05	0.9833	281.626	241.804
2015/05/26	11:51:35	0.9917	281.620	241.819
2015/05/26	11:52:05	1.0000	281.618	241.826
2015/05/26	11:52:35	1.0083	281.616	241.842
2015/05/26	11:53:05	1.0167	281.616	241.840
2015/05/26	11:53:35	1.0250	281.619	241.860
2015/05/26	11:54:05	1.0333	281.608	241.860
2015/05/26	11:54:35	1.0417	281.610	241.871
2015/05/26	11:55:05	1.0500	281.610	241.873
2015/05/26	11:55:35	1.0583	281.608	241.884
2015/05/26	11:56:05	1.0667	281.606	241.893
2015/05/26	11:56:35	1.0750	281.603	241.900
2015/05/26	11:57:05	1.0833	281.603	241.903
2015/05/26	11:57:35	1.0917	281.599	241.920
2015/05/26	11:58:05	1.1000	281.589	241.923
2015/05/26	11:58:35	1.1083	281.577	241.936
2015/05/26	11:59:05	1.1167	281.580	241.934
2015/05/26	11:59:35	1.1250	281.582	241.954
2015/05/26	12:00:05	1.1333	281.579	241.956
2015/05/26	12:00:35	1.1417	281.579	241.957
2015/05/26	12:01:05	1.1500	281.594	241.965
2015/05/26	12:01:35	1.1583	281.584	241.966
2015/05/26	12:02:05	1.1667	281.575	241.975
2015/05/26	12:02:35	1.1750	281.571	241.972
POOH Gradient: 7824.000 ft				
2015/05/26	12:02:50	1.1792	281.345	241.988
2015/05/26	12:03:05	1.1833	280.636	241.925
2015/05/26	12:03:35	1.1917	279.905	240.577
2015/05/26	12:04:05	1.2000	279.834	240.008
2015/05/26	12:04:35	1.2083	279.788	239.675
2015/05/26	12:05:05	1.2167	279.754	239.407
2015/05/26	12:05:35	1.2250	279.719	239.139

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	12:06:05	1.2333	279.682	238.906
2015/05/26	12:06:35	1.2417	279.654	238.692
2015/05/26	12:07:05	1.2500	279.620	238.485
2015/05/26	12:07:35	1.2583	279.601	238.291
POOH Gradient: 7500.000 ft				
2015/05/26	12:07:55	1.2639	278.831	238.044
2015/05/26	12:08:05	1.2667	278.279	237.387
2015/05/26	12:08:35	1.2750	276.797	233.688
2015/05/26	12:09:05	1.2833	276.706	231.760
2015/05/26	12:09:35	1.2917	276.569	230.599
2015/05/26	12:10:05	1.3000	276.518	229.627
2015/05/26	12:10:35	1.3083	276.411	228.763
2015/05/26	12:11:05	1.3167	276.371	227.997
2015/05/26	12:11:35	1.3250	276.307	227.316
2015/05/26	12:12:05	1.3333	276.298	226.713
2015/05/26	12:12:35	1.3417	276.248	226.168
POOH Gradient: 7000.000 ft				
2015/05/26	12:12:45	1.3444	276.242	225.997
2015/05/26	12:13:05	1.3500	274.966	225.118
2015/05/26	12:13:35	1.3583	272.905	221.740
2015/05/26	12:14:05	1.3667	271.159	216.649
2015/05/26	12:14:35	1.3750	271.024	213.602
2015/05/26	12:15:05	1.3833	270.951	212.437
2015/05/26	12:15:35	1.3917	270.946	211.597
2015/05/26	12:16:05	1.4000	270.901	210.839
2015/05/26	12:16:35	1.4083	270.825	210.130
2015/05/26	12:17:05	1.4167	270.833	209.467
2015/05/26	12:17:35	1.4250	270.832	208.830
2015/05/26	12:18:05	1.4333	270.824	208.220
2015/05/26	12:18:35	1.4417	270.767	207.651
POOH Gradient: 6000.000 ft				
2015/05/26	12:18:45	1.4444	270.750	207.469
2015/05/26	12:19:05	1.4500	269.560	206.184
2015/05/26	12:19:35	1.4583	267.430	201.747
2015/05/26	12:20:05	1.4667	265.581	195.643
2015/05/26	12:20:35	1.4750	265.637	192.715
2015/05/26	12:21:05	1.4833	265.549	191.680
2015/05/26	12:21:35	1.4917	265.440	190.911
2015/05/26	12:22:05	1.5000	265.368	190.224
2015/05/26	12:22:35	1.5083	265.401	189.549
2015/05/26	12:23:05	1.5167	265.371	188.892
2015/05/26	12:23:35	1.5250	265.396	188.263
2015/05/26	12:24:05	1.5333	265.336	187.644
2015/05/26	12:24:35	1.5417	265.330	187.052
POOH Gradient: 5000.000 ft				
2015/05/26	12:24:50	1.5458	265.335	186.773
2015/05/26	12:25:05	1.5500	264.404	186.084
2015/05/26	12:25:35	1.5583	262.282	181.476
2015/05/26	12:26:05	1.5667	260.043	174.972
2015/05/26	12:26:35	1.5750	259.803	170.917

Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 9
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	12:27:05	1.5833	259.679	169.806
2015/05/26	12:27:35	1.5917	259.640	169.036
2015/05/26	12:28:05	1.6000	259.594	168.327
2015/05/26	12:28:35	1.6083	259.572	167.644
2015/05/26	12:29:05	1.6167	259.545	166.959
2015/05/26	12:29:35	1.6250	259.525	166.303
2015/05/26	12:30:05	1.6333	259.414	165.668
2015/05/26	12:30:35	1.6417	259.390	165.042
POOH Gradient: 4000.000 ft				
2015/05/26	12:30:45	1.6444	259.418	164.838
2015/05/26	12:31:05	1.6500	257.948	162.790
2015/05/26	12:31:35	1.6583	255.466	155.840
2015/05/26	12:32:05	1.6667	253.527	148.055
2015/05/26	12:32:35	1.6750	253.337	145.360
2015/05/26	12:33:05	1.6833	253.205	144.387
2015/05/26	12:33:35	1.6917	253.177	143.649
2015/05/26	12:34:05	1.7000	253.144	142.939
2015/05/26	12:34:35	1.7083	253.091	142.230
2015/05/26	12:35:05	1.7167	253.036	141.550
2015/05/26	12:35:35	1.7250	252.965	140.873
2015/05/26	12:36:05	1.7333	252.959	140.220
2015/05/26	12:36:35	1.7417	252.973	139.581
POOH Gradient: 3000.000 ft				
2015/05/26	12:36:45	1.7444	252.923	139.375
2015/05/26	12:37:05	1.7500	251.261	137.170
2015/05/26	12:37:35	1.7583	248.747	129.934
2015/05/26	12:38:05	1.7667	247.069	121.944
2015/05/26	12:38:35	1.7750	246.963	119.077
2015/05/26	12:39:05	1.7833	246.925	117.660
2015/05/26	12:39:35	1.7917	246.923	116.519
2015/05/26	12:40:05	1.8000	246.880	115.457
2015/05/26	12:40:35	1.8083	246.852	114.463
2015/05/26	12:41:05	1.8167	246.830	113.493
2015/05/26	12:41:35	1.8250	246.807	112.566
2015/05/26	12:42:05	1.8333	246.818	111.643
2015/05/26	12:42:35	1.8417	246.801	110.565
POOH Gradient: 2000.000 ft				
2015/05/26	12:42:45	1.8444	246.800	110.206
2015/05/26	12:43:05	1.8500	245.209	108.469
2015/05/26	12:43:35	1.8583	242.674	102.686
2015/05/26	12:44:05	1.8667	241.138	96.231
2015/05/26	12:44:35	1.8750	241.113	94.237
2015/05/26	12:45:05	1.8833	241.101	93.407
2015/05/26	12:45:35	1.8917	241.108	92.736
2015/05/26	12:46:05	1.9000	241.135	92.097
2015/05/26	12:46:35	1.9083	241.174	91.477
2015/05/26	12:47:05	1.9167	241.196	90.878
2015/05/26	12:47:35	1.9250	241.218	90.289
2015/05/26	12:48:05	1.9333	241.250	89.733
2015/05/26	12:48:35	1.9417	241.262	89.184

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
POOH Gradient: 1000.000 ft				
2015/05/26	12:48:45	1.9444	241.294	89.013
2015/05/26	12:49:05	1.9500	239.703	87.618
2015/05/26	12:49:35	1.9583	237.053	82.022
2015/05/26	12:50:05	1.9667	235.699	76.122
2015/05/26	12:50:35	1.9750	235.739	74.226
2015/05/26	12:51:05	1.9833	235.722	73.652
2015/05/26	12:51:35	1.9917	235.759	73.227
2015/05/26	12:52:05	2.0000	235.790	72.826
2015/05/26	12:52:35	2.0083	235.788	72.442
2015/05/26	12:53:05	2.0167	235.819	72.063
2015/05/26	12:53:35	2.0250	235.819	71.701
2015/05/26	12:54:05	2.0333	235.823	71.341
2015/05/26	12:54:35	2.0417	235.853	71.002
2015/05/26	12:55:05	2.0500	235.842	70.662
2015/05/26	12:55:35	2.0583	235.826	70.572
POOH Gradient: 0.000 ft				
2015/05/26	12:55:50	2.0625	235.696	70.592
2015/05/26	12:56:05	2.0667	144.781	70.592
2015/05/26	12:56:35	2.0750	0.000	69.669
2015/05/26	12:57:05	2.0833	0.000	69.339
2015/05/26	12:57:35	2.0917	0.000	69.264
2015/05/26	12:58:05	2.1000	0.000	69.168
2015/05/26	12:58:35	2.1083	0.000	69.012
2015/05/26	12:59:05	2.1167	0.000	69.031
2015/05/26	12:59:35	2.1250	0.000	69.177
2015/05/26	13:00:05	2.1333	0.000	69.255