

# Pressure Test Report

## COMPANY INFORMATION

Company Name	CHEVRON
Representative	NICK SHERMAN
Phone	
Fax	
Address	

E-Mail Address	
Service Company	PHOENIX SERVICES

## WELL INFORMATION

Well Name	SOUTHERN UTE #10-3
Well Location	
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	1296-1324
Mid-point of Perforated Intervals (MPP)	1310
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	
Plug Back Total Depth	
Total Depth	1390
Production Casing	2 7/8
Production Tubing	

## TEST INFORMATION

Type of Test	RIH STATIC GRADIENT
Date(s) of Test	4/27/15
Dead-weight Gauge Tubing Pressure	0
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	4/27/15 @ 0950 HRS
Date / Time off Bottom	4/27/15 @ 0955 HRS
Probe Serial Number	5519
Probe Offset from End of Tool String	0-10,000
Run Depth at Probe Pressure Port	1310

## PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	96.6 psig
Maximum Recorded Probe Temperature	88.1 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34861WP

Company Name	CHEVRON
Well Name	SOUTHERN UTE #10-3
Type of Test	RIH STATIC GRADIENT
Date(s) of Test	4/27/15

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## **PROBE INFORMATION**

Probe Serial Number 5519

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

<b>Company Name</b>	CHEVRON
<b>Well Name</b>	SOUTHERN UTE #10-3
<b>Type of Test</b>	RIH STATIC GRADIENT
<b>Date(s) of Test</b>	4/27/15

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## **COMMENTS**

Reported By

PHOENIX SERVICES

RAN 2.347 GR TO 92'-SET DOWN-RAN 1.906 GR TO 1379'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 1310' MAKING GRADIENT STOPS.

Company Name	CHEVRON
Well Name	SOUTHERN UTE #10-3
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## **Pressure vs. Depth**

Probe Serial Number 5519

Stop Time From	Stop Time To	Depth (ft)	Pressure (psig)	Gradient (psi/ft)	(deg F)	(deg F/ft)
0933	0938	0.000	0.000	-	64.053	-
0938	0943	500.000	0.000	0.0000	64.560	0.0010
0944	0949	1000.000	0.000	0.0000	68.515	0.0079
0950	0955	1310.000	96.034	0.3098	87.796	0.0622

Extrapolated to MPP:

Depth  
(ft)

Pressure  
(psig)

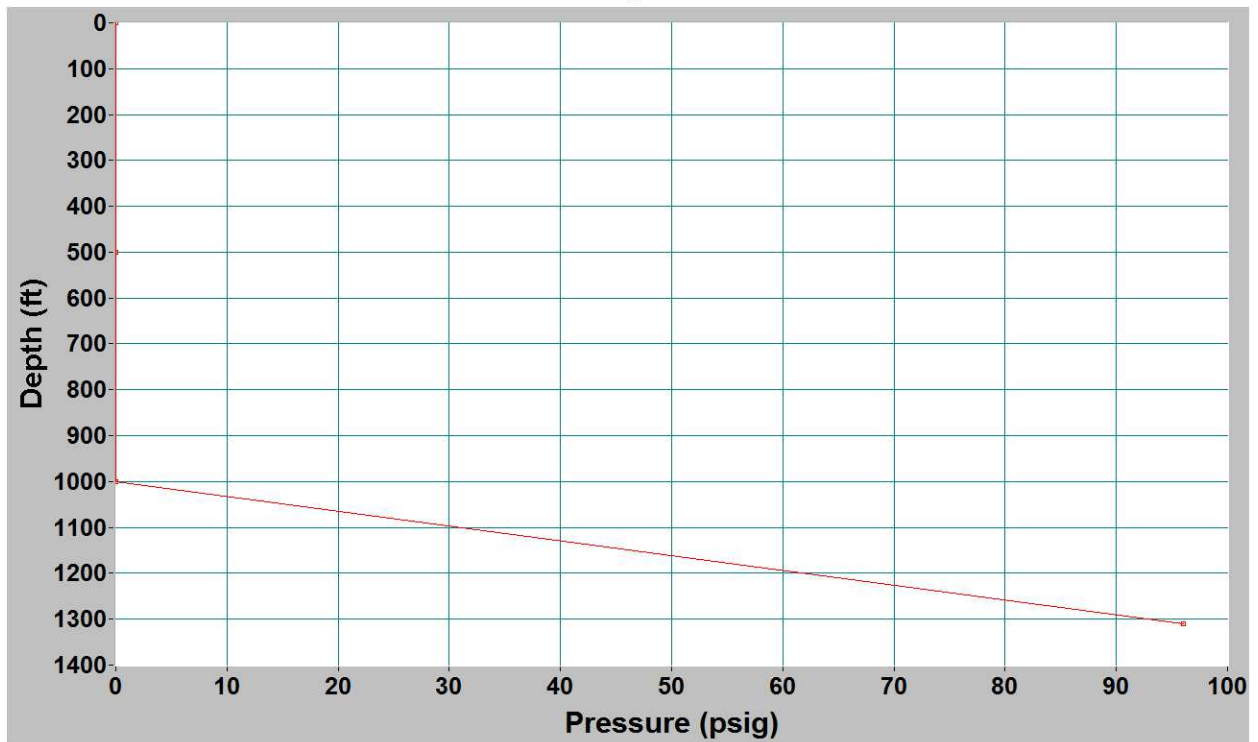
(deg F)

0.000

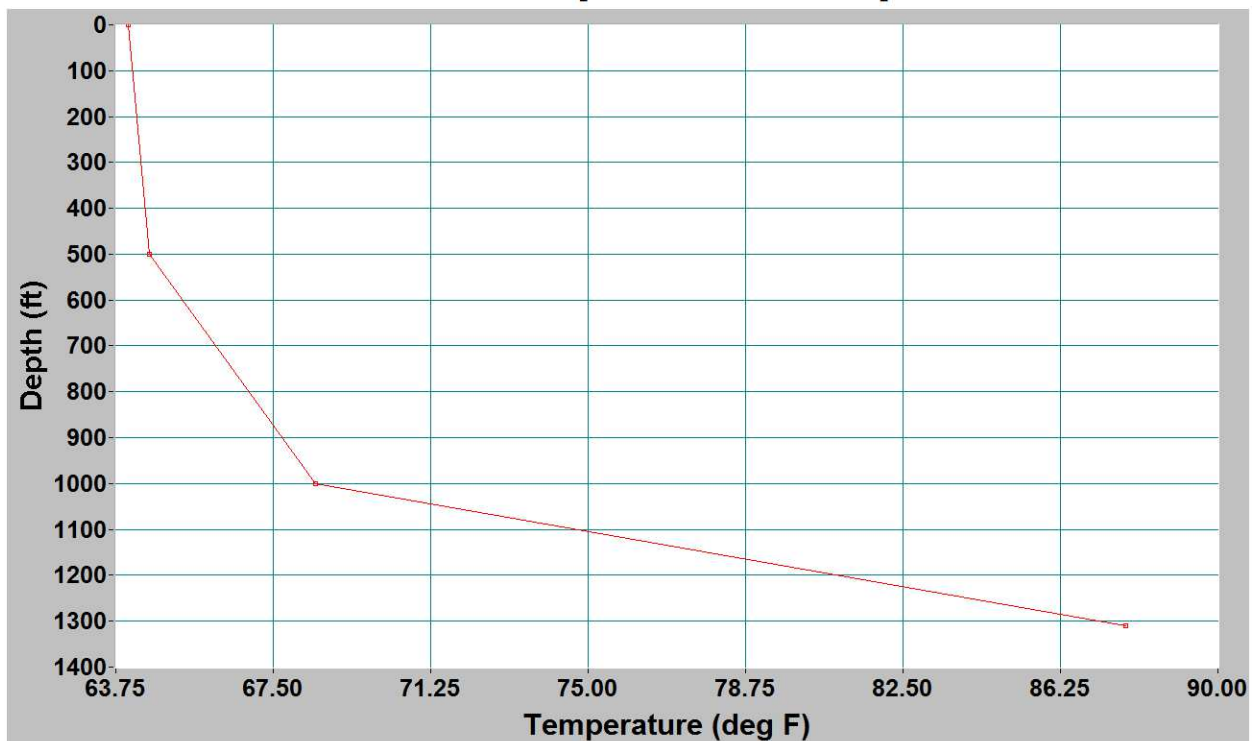
Company Name CHEVRON  
Well Name SOUTHERN UTE #10-3  
Type of Test RIH STATIC GRADIENT  
Date(s) of Test 4/27/15

Probe Serial Number 5519

## RIH Gradient Depth vs. Pressure

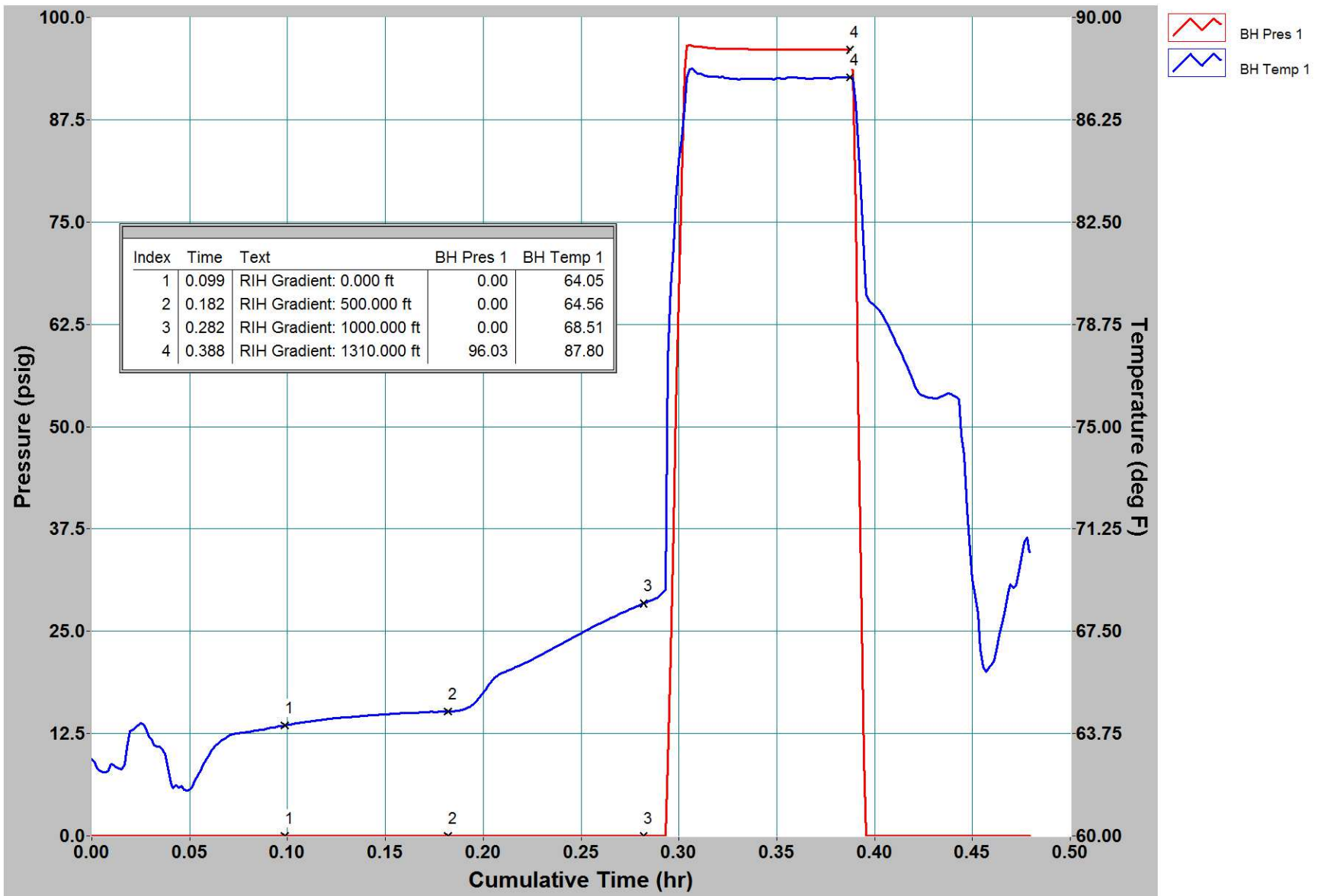


## RIH Gradient Depth vs. Temperature



Company Name CHEVRON  
Well Name SOUTHERN UTE #10-3  
Type of Test RIH STATIC GRADIENT  
Date(s) of Test 4/27/15

## Southern Ute 10-3



**Company Name** CHEVRON  
**Well Name** SOUTHERN UTE #10-3  
**Type of Test** RIH STATIC GRADIENT  
**Date(s) of Test** 4/27/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/04/27	09:32:05	0.0000	0.000	62.820
2015/04/27	09:32:35	0.0083	0.000	62.357
2015/04/27	09:33:05	0.0167	0.000	62.632
2015/04/27	09:33:35	0.0250	0.000	64.134
2015/04/27	09:34:05	0.0333	0.000	63.270
2015/04/27	09:34:35	0.0417	0.000	61.756
2015/04/27	09:35:05	0.0500	0.000	61.696
2015/04/27	09:35:35	0.0583	0.000	62.785
2015/04/27	09:36:05	0.0667	0.000	63.516
2015/04/27	09:36:35	0.0750	0.000	63.761
2015/04/27	09:37:05	0.0833	0.000	63.853
2015/04/27	09:37:35	0.0917	0.000	63.959
RIH Gradient: 0.000 ft				
2015/04/27	09:38:00	0.0986	0.000	64.053
2015/04/27	09:38:05	0.1000	0.000	64.065
2015/04/27	09:38:35	0.1083	0.000	64.159
2015/04/27	09:39:05	0.1167	0.000	64.242
2015/04/27	09:39:35	0.1250	0.000	64.308
2015/04/27	09:40:05	0.1333	0.000	64.369
2015/04/27	09:40:35	0.1417	0.000	64.423
2015/04/27	09:41:05	0.1500	0.000	64.458
2015/04/27	09:41:35	0.1583	0.000	64.492
2015/04/27	09:42:05	0.1667	0.000	64.515
2015/04/27	09:42:35	0.1750	0.000	64.544
RIH Gradient: 500.000 ft				
2015/04/27	09:43:00	0.1819	0.000	64.560
2015/04/27	09:43:05	0.1833	0.000	64.566
2015/04/27	09:43:35	0.1917	0.000	64.683
2015/04/27	09:44:05	0.2000	0.000	65.257
2015/04/27	09:44:35	0.2083	0.000	65.928
2015/04/27	09:45:05	0.2167	0.000	66.182
2015/04/27	09:45:35	0.2250	0.000	66.465
2015/04/27	09:46:05	0.2333	0.000	66.778
2015/04/27	09:46:35	0.2417	0.000	67.107
2015/04/27	09:47:05	0.2500	0.000	67.428
2015/04/27	09:47:35	0.2583	0.000	67.739
2015/04/27	09:48:05	0.2667	0.000	68.027
2015/04/27	09:48:35	0.2750	0.000	68.301
RIH Gradient: 1000.000 ft				
2015/04/27	09:49:00	0.2819	0.000	68.515
2015/04/27	09:49:05	0.2833	0.000	68.554
2015/04/27	09:49:35	0.2917	0.000	68.911
2015/04/27	09:50:05	0.3000	65.697	84.733
2015/04/27	09:50:35	0.3083	96.453	88.005
2015/04/27	09:51:05	0.3167	96.272	87.838
2015/04/27	09:51:35	0.3250	96.168	87.769
2015/04/27	09:52:05	0.3333	96.121	87.742
2015/04/27	09:52:35	0.3417	96.092	87.753
2015/04/27	09:53:05	0.3500	96.071	87.766
2015/04/27	09:53:35	0.3583	96.038	87.805

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/04/27	09:54:05	0.3667	96.040	87.757
2015/04/27	09:54:35	0.3750	96.037	87.773
2015/04/27	09:55:05	0.3833	96.040	87.789
RIH Gradient: 1310.000 ft				
2015/04/27	09:55:20	0.3875	96.034	87.796
2015/04/27	09:55:35	0.3917	54.208	85.473
2015/04/27	09:56:05	0.4000	0.000	79.450
2015/04/27	09:56:35	0.4083	0.000	78.483
2015/04/27	09:57:05	0.4167	0.000	77.205
2015/04/27	09:57:35	0.4250	0.000	76.127
2015/04/27	09:58:05	0.4333	0.000	76.087
2015/04/27	09:58:35	0.4417	0.000	76.077
2015/04/27	09:59:05	0.4500	0.000	69.406
2015/04/27	09:59:35	0.4583	0.000	66.159
2015/04/27	10:00:05	0.4667	0.000	68.297
2015/04/27	10:00:35	0.4750	0.000	70.149