

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 10-2
Well Location	
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	2260-2364
Mid-point of Perforated Intervals (MPP)	2312
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	
Plug Back Total Depth	2451
Total Depth	
Production Casing	5 1/2
Production Tubing	2 7/8 TO 2282

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 @ 1117 HRS
Date / Time off Bottom	4/27/15 @ 1122 HRS
Probe Serial Number	5519
Probe Offset from End of Tool String	0-10000
Run Depth at Probe Pressure Port	2180

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	648.0 psig
Maximum Recorded Probe Temperature	103.3 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34862WP

Company Name	CHEVRON
Well Name	SOUTHERN UTE 10-2
Type of Test	RIH STATIC GRADIENT
Date(s) of Test	4/27/15

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

Company Name	CHEVRON
Well Name	SOUTHERN UTE 10-2
Type of Test	RIH STATIC GRADIENT
Date(s) of Test	4/27/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.906 GR TO 2190'-SET DOWN-RAN TANDEM BHP GAUGES TO 2180' MAKING GRADIENT STOPS.

Company Name	CHEVRON
Well Name	SOUTHERN UTE 10-2
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Pressure vs. Depth

Probe Serial Number 5519

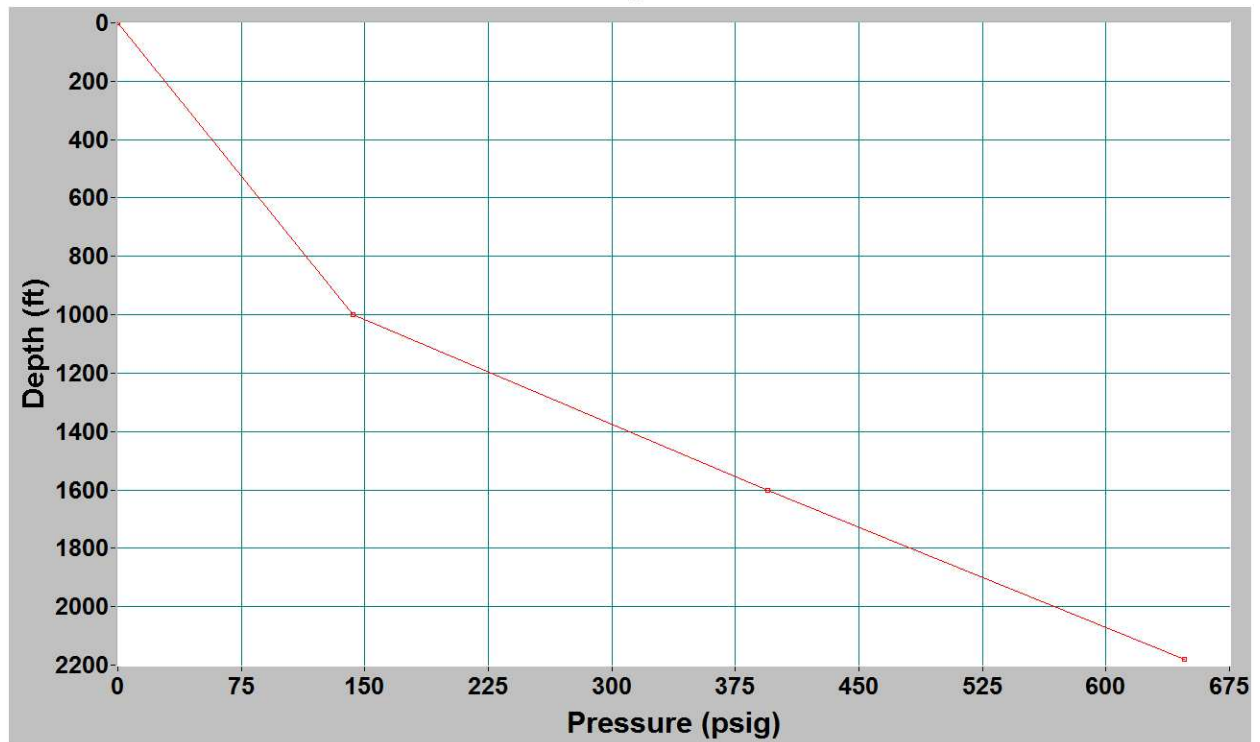
Stop Time From	Stop Time To	Depth (ft)	Pressure (psig)	Gradient (psi/ft)	(deg F)	(deg F/ft)
1100	1105	0.000	0.000	-	80.010	-
1105	1110	1000.000	142.633	0.1426	73.747	-0.0063
1111	1116	1600.000	394.853	0.4204	85.789	0.0201
1117	1122	2180.000	647.443	0.4355	102.918	0.0295

Extrapolated to MPP:	Depth (ft)	Pressure (psig)	(deg F)
	0.000		

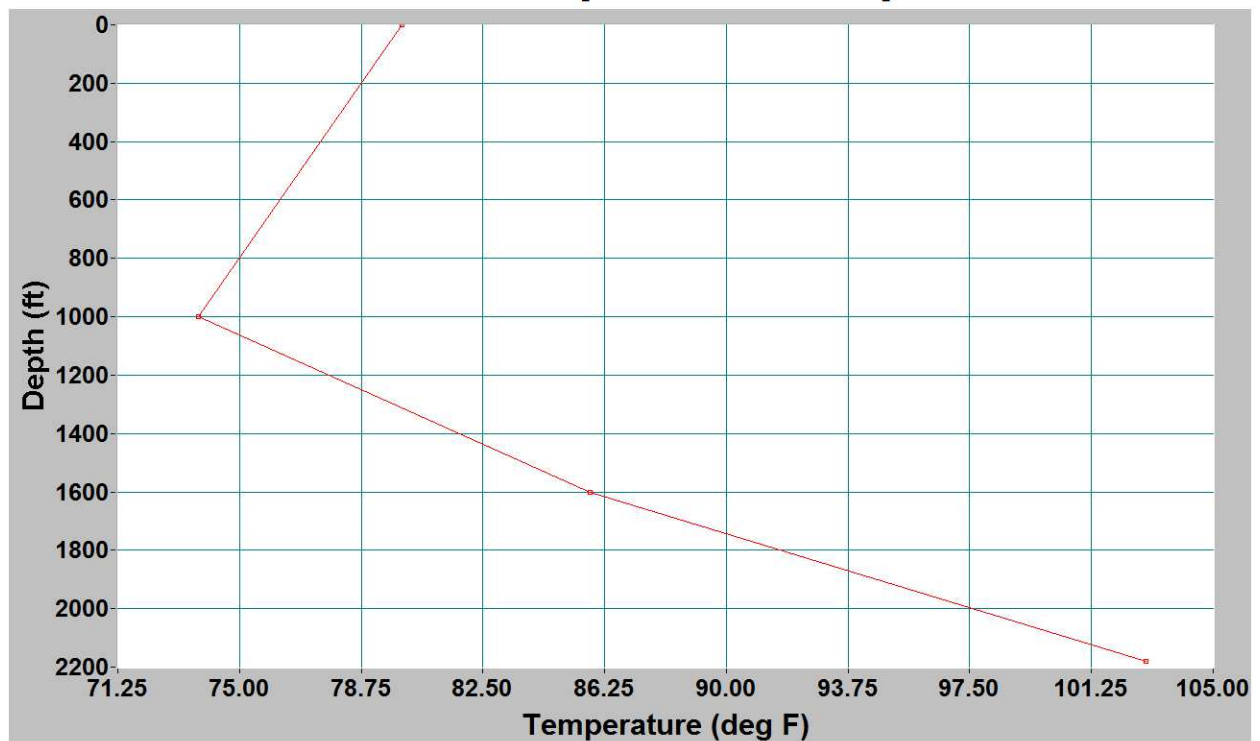
Company Name CHEVRON
Well Name SOUTHERN UTE 10-2
Type of Test RIH STATIC GRADIENT
Date(s) of Test 4/27/15

Probe Serial Number 5519

RIH Gradient Depth vs. Pressure

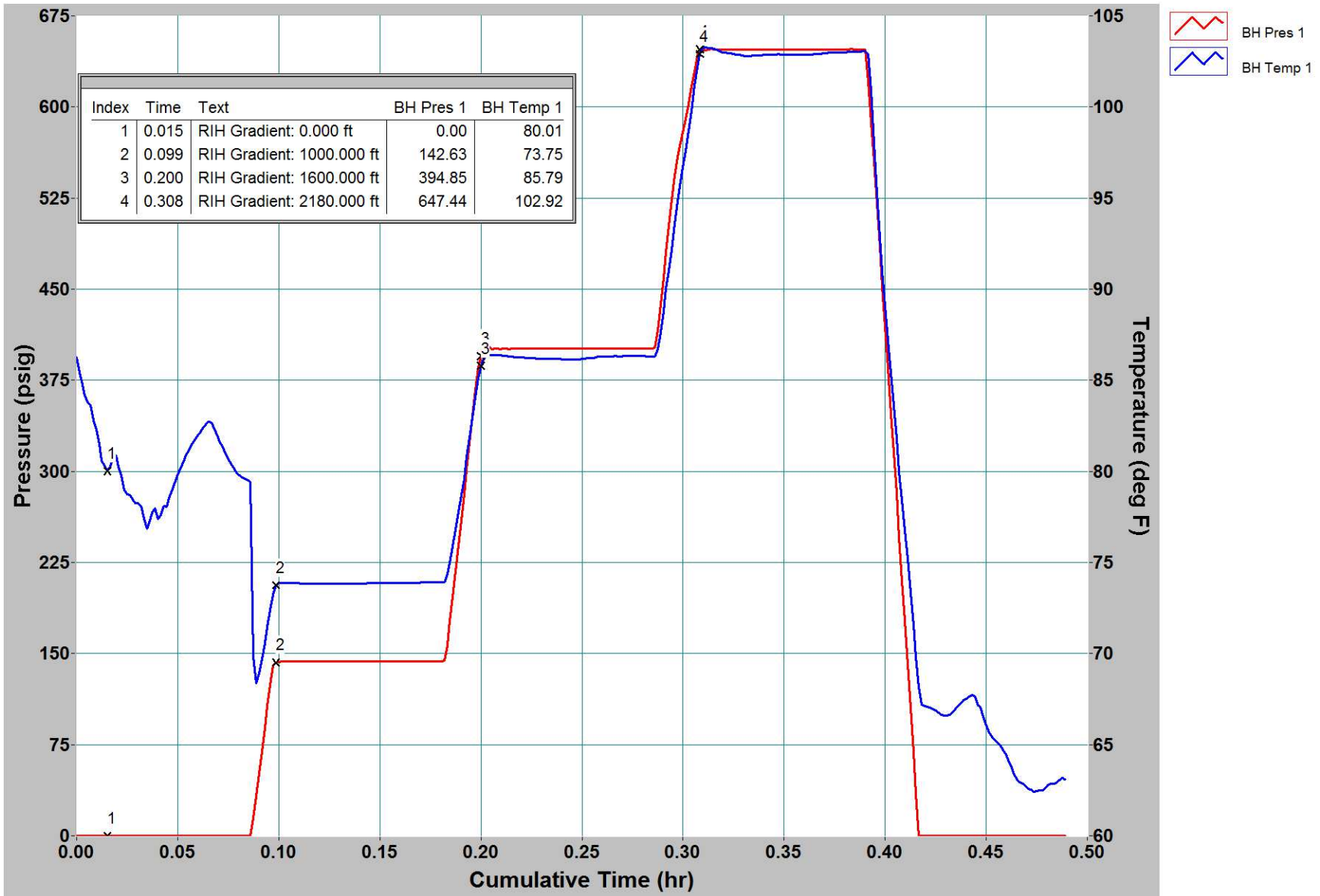


RIH Gradient Depth vs. Temperature



Company Name CHEVRON
Well Name SOUTHERN UTE 10-2
Type of Test RIH STATIC GRADIENT
Date(s) of Test 4/27/15

Southern Ute 10-2



Company Name CHEVRON
Well Name SOUTHERN UTE 10-2
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	10:59:05	0.0000	0.000	86.274
2015/04/27	10:59:35	0.0083	0.000	82.805
RIH Gradient: 0.000 ft				
2015/04/27	11:00:00	0.0153	0.000	80.010
2015/04/27	11:00:05	0.0167	0.000	80.251
2015/04/27	11:00:35	0.0250	0.000	78.724
2015/04/27	11:01:05	0.0333	0.000	77.418
2015/04/27	11:01:35	0.0417	0.000	77.625
2015/04/27	11:02:05	0.0500	0.000	79.806
2015/04/27	11:02:35	0.0583	0.000	81.712
2015/04/27	11:03:05	0.0667	0.000	82.666
2015/04/27	11:03:35	0.0750	0.000	80.650
2015/04/27	11:04:05	0.0833	0.000	79.594
2015/04/27	11:04:35	0.0917	69.438	69.694
RIH Gradient: 1000.000 ft				
2015/04/27	11:05:00	0.0986	142.633	73.747
2015/04/27	11:05:05	0.1000	143.202	73.859
2015/04/27	11:05:35	0.1083	143.584	73.864
2015/04/27	11:06:05	0.1167	143.569	73.825
2015/04/27	11:06:35	0.1250	143.564	73.841
2015/04/27	11:07:05	0.1333	143.530	73.839
2015/04/27	11:07:35	0.1417	143.523	73.848
2015/04/27	11:08:05	0.1500	143.514	73.866
2015/04/27	11:08:35	0.1583	143.519	73.872
2015/04/27	11:09:05	0.1667	143.488	73.888
2015/04/27	11:09:35	0.1750	143.495	73.909
2015/04/27	11:10:05	0.1833	156.783	74.350
2015/04/27	11:10:35	0.1917	281.084	79.590
RIH Gradient: 1600.000 ft				
2015/04/27	11:11:05	0.2000	394.853	85.789
2015/04/27	11:11:35	0.2083	401.339	86.371
2015/04/27	11:12:05	0.2167	400.965	86.277
2015/04/27	11:12:35	0.2250	400.954	86.216
2015/04/27	11:13:05	0.2333	400.999	86.187
2015/04/27	11:13:35	0.2417	401.016	86.151
2015/04/27	11:14:05	0.2500	400.949	86.180
2015/04/27	11:14:35	0.2583	400.992	86.295
2015/04/27	11:15:05	0.2667	400.982	86.324
2015/04/27	11:15:35	0.2750	400.989	86.328
2015/04/27	11:16:05	0.2833	400.960	86.319
2015/04/27	11:16:35	0.2917	480.956	90.023
2015/04/27	11:17:05	0.3000	578.792	96.674
RIH Gradient: 2180.000 ft				
2015/04/27	11:17:35	0.3083	647.443	102.918
2015/04/27	11:18:05	0.3167	647.257	103.132
2015/04/27	11:18:35	0.3250	647.217	102.907
2015/04/27	11:19:05	0.3333	647.360	102.794
2015/04/27	11:19:35	0.3417	647.373	102.862
2015/04/27	11:20:05	0.3500	647.451	102.868
2015/04/27	11:20:35	0.3583	647.462	102.866

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/04/27	11:21:05	0.3667	647.492	102.904
2015/04/27	11:21:35	0.3750	647.505	102.981
2015/04/27	11:22:05	0.3833	647.555	103.015
2015/04/27	11:22:35	0.3917	621.598	102.909
2015/04/27	11:23:05	0.4000	419.490	89.071
2015/04/27	11:23:35	0.4083	210.032	78.413
2015/04/27	11:24:05	0.4167	0.000	68.157
2015/04/27	11:24:35	0.4250	0.000	66.884
2015/04/27	11:25:05	0.4333	0.000	66.762
2015/04/27	11:25:35	0.4417	0.000	67.645
2015/04/27	11:26:05	0.4500	0.000	66.078
2015/04/27	11:26:35	0.4583	0.000	64.692
2015/04/27	11:27:05	0.4667	0.000	62.917
2015/04/27	11:27:35	0.4750	0.000	62.438
2015/04/27	11:28:05	0.4833	0.000	62.850