

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	RIH STATIC GRADIENT
Well Location	T33N, R11W, SEC. 15
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	2594-2617
Mid-point of Perforated Intervals (MPP)	2605
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	
Plug Back Total Depth	2677
Total Depth	2750
Production Casing	5 1/2 TO 2750
Production Tubing	2 7/8 TO 2635

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 @ 1244 HRS
Date / Time off Bottom	4/27/15 @ 1249 HRS
Probe Serial Number	5519
Probe Offset from End of Tool String	0-10000
Run Depth at Probe Pressure Port	2605

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	659.4 psig
Maximum Recorded Probe Temperature	113.9 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34863WP

Company Name	CHEVRON
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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

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Date(s) of Test	4/27/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 2668'-SET DOWN-RAN TANDEM BHP GAUGES TO 2605' MAKING GRADIENT STOPS.

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Pressure vs. Depth

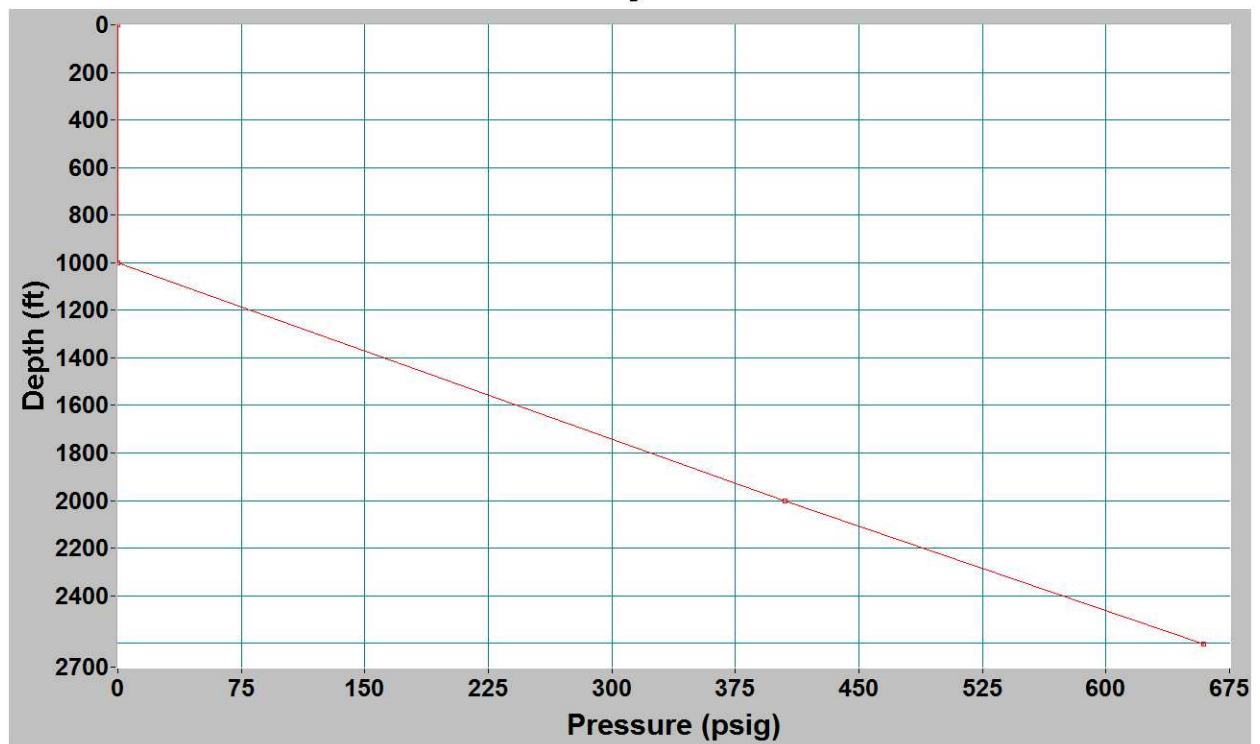
Probe Serial Number 5519

Stop Time From	Stop Time To	Depth (ft)	Pressure (psig)	Gradient (psi/ft)
1225	1230	0.000	0.000	-
1230	1235	1000.000	0.000	0.0000
1237	1242	2000.000	404.960	0.4050
1244	1249	2605.000	659.316	0.4204

Extrapolated MPP Pressure:

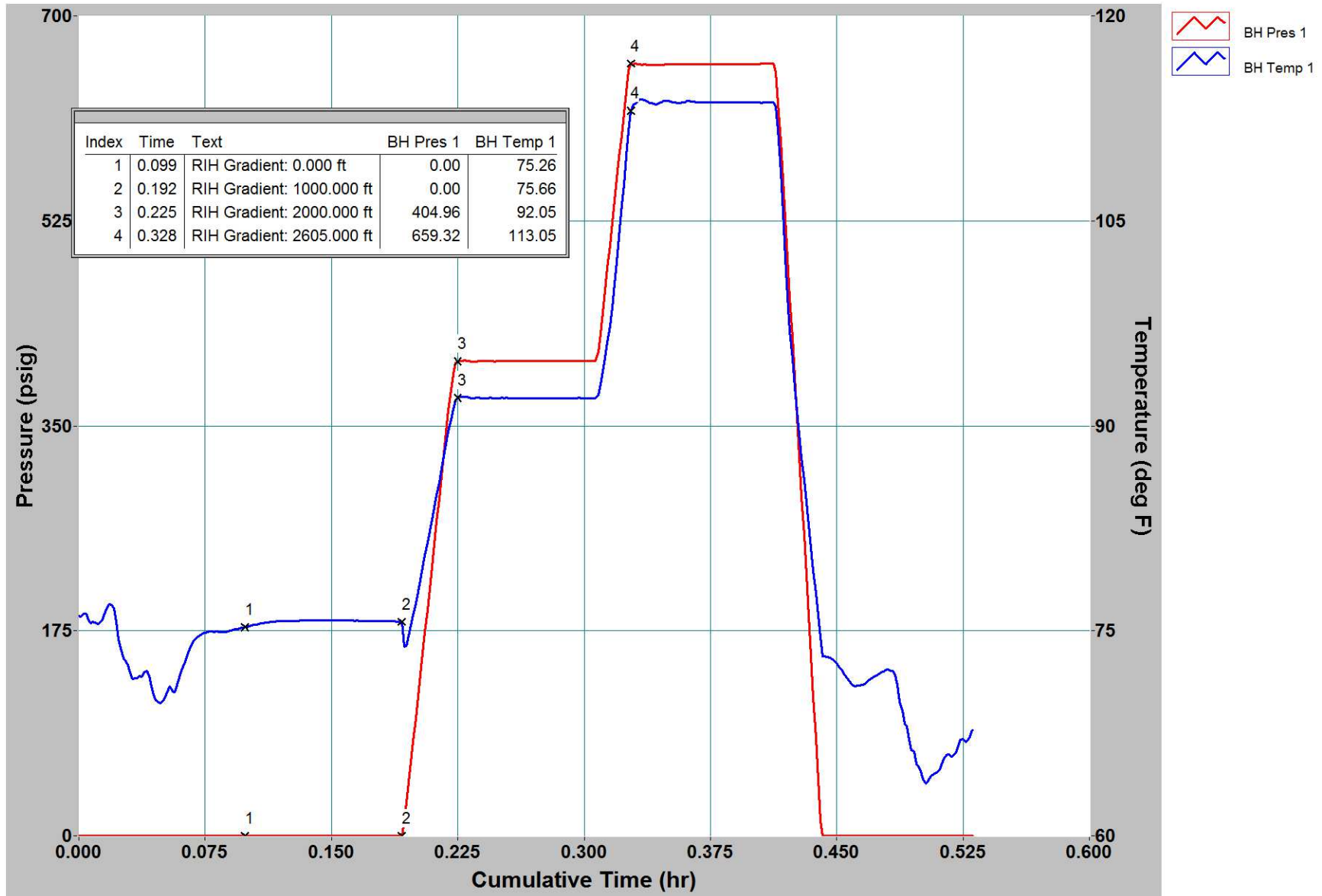
0.000

RIH Gradient Depth vs. Pressure



Company Name CHEVRON
 Well Name RIH STATIC GRADIENT
 Type of Test RIH STATIC GRADIENT
 Date(s) of Test 4/27/15

Southern Ute 15-1



Company Name CHEVRON
Well Name RIH STATIC GRADIENT
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	12:24:05	0.0000	0.000	76.093
2015/04/27	12:24:35	0.0083	0.000	75.641
2015/04/27	12:25:05	0.0167	0.000	76.629
2015/04/27	12:25:35	0.0250	0.000	73.746
2015/04/27	12:26:05	0.0333	0.000	71.537
2015/04/27	12:26:35	0.0417	0.000	71.697
2015/04/27	12:27:05	0.0500	0.000	69.886
2015/04/27	12:27:35	0.0583	0.000	71.042
2015/04/27	12:28:05	0.0667	0.000	73.886
2015/04/27	12:28:35	0.0750	0.000	74.872
2015/04/27	12:29:05	0.0833	0.000	74.908
2015/04/27	12:29:35	0.0917	0.000	75.065
RIH Gradient: 0.000 ft				
2015/04/27	12:30:00	0.0986	0.000	75.256
2015/04/27	12:30:05	0.1000	0.000	75.292
2015/04/27	12:30:35	0.1083	0.000	75.529
2015/04/27	12:31:05	0.1167	0.000	75.664
2015/04/27	12:31:35	0.1250	0.000	75.722
2015/04/27	12:32:05	0.1333	0.000	75.744
2015/04/27	12:32:35	0.1417	0.000	75.758
2015/04/27	12:33:05	0.1500	0.000	75.760
2015/04/27	12:33:35	0.1583	0.000	75.747
2015/04/27	12:34:05	0.1667	0.000	75.736
2015/04/27	12:34:35	0.1750	0.000	75.715
2015/04/27	12:35:05	0.1833	0.000	75.695
RIH Gradient: 1000.000 ft				
2015/04/27	12:35:35	0.1917	0.000	75.663
2015/04/27	12:36:05	0.2000	100.055	77.016
2015/04/27	12:36:35	0.2083	210.815	82.279
2015/04/27	12:37:05	0.2167	326.039	87.751
RIH Gradient: 2000.000 ft				
2015/04/27	12:37:35	0.2250	404.960	92.046
2015/04/27	12:38:05	0.2333	405.019	92.035
2015/04/27	12:38:35	0.2417	405.318	92.017
2015/04/27	12:39:05	0.2500	405.116	92.035
2015/04/27	12:39:35	0.2583	405.244	92.025
2015/04/27	12:40:05	0.2667	405.205	92.016
2015/04/27	12:40:35	0.2750	405.261	92.021
2015/04/27	12:41:05	0.2833	405.307	92.030
2015/04/27	12:41:35	0.2917	405.329	92.034
2015/04/27	12:42:05	0.3000	405.312	92.028
2015/04/27	12:42:35	0.3083	412.568	92.241
2015/04/27	12:43:05	0.3167	523.515	98.683
2015/04/27	12:43:35	0.3250	634.888	109.749
RIH Gradient: 2605.000 ft				
2015/04/27	12:43:45	0.3278	659.316	113.050
2015/04/27	12:44:05	0.3333	658.853	113.868
2015/04/27	12:44:35	0.3417	658.294	113.567
2015/04/27	12:45:05	0.3500	658.416	113.765
2015/04/27	12:45:35	0.3583	658.543	113.648

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/04/27	12:46:05	0.3667	658.705	113.697
2015/04/27	12:46:35	0.3750	658.858	113.686
2015/04/27	12:47:05	0.3833	658.853	113.662
2015/04/27	12:47:35	0.3917	658.977	113.648
2015/04/27	12:48:05	0.4000	658.993	113.657
2015/04/27	12:48:35	0.4083	659.034	113.652
2015/04/27	12:49:05	0.4167	592.970	108.554
2015/04/27	12:49:35	0.4250	391.573	92.856
2015/04/27	12:50:05	0.4333	187.636	82.749
2015/04/27	12:50:35	0.4417	0.000	73.159
2015/04/27	12:51:05	0.4500	0.000	72.630
2015/04/27	12:51:35	0.4583	0.000	71.186
2015/04/27	12:52:05	0.4667	0.000	71.123
2015/04/27	12:52:35	0.4750	0.000	71.852
2015/04/27	12:53:05	0.4833	0.000	72.066
2015/04/27	12:53:35	0.4917	0.000	67.966
2015/04/27	12:54:05	0.5000	0.000	64.742
2015/04/27	12:54:35	0.5083	0.000	64.540
2015/04/27	12:55:05	0.5167	0.000	65.977
2015/04/27	12:55:35	0.5250	0.000	67.062