



H & H Wireline Service Inc

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Pressure Test Report

COMPANY INFORMATION

Company Name
Representative
Phone
Fax
Address

CHEVRON
DANNY MONTOYA

E-Mail Address
Service Company

H & H WIRELINE SERVICE INC.

WELL INFORMATION

Well Name
Well Location
Field and Pool
Status (Oil, Gas, Water, Injection)
Perforated Intervals
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number
Elevations
 Kelly Bushing (KB)
 Casing Flange (CF)
 KB-CF
 Ground Level
Plug Back Total Depth
Total Depth
Production Casing
Production Tubing

SOUTHERN UTE # 10-3

FRUITLAND COAL
GAS

2.875

TEST INFORMATION

Type of Test
Date(s) of Test
Dead-weight Gauge Tubing Pressure
Dead-weight Gauge Casing Pressure
Shut-in Date (Duration)
Date / Time on Bottom
Date / Time off Bottom

BHP SURVEY
07/03/2014
0
0
07/03/2014 @ 10:25 AM
07/03/2014 @ 10:30 AM

Probe Serial Number
Probe Offset from End of Tool String
Run Depth at Probe Pressure Port

1310'GL

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure
Maximum Recorded Probe Temperature
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number

111.9 psig
88.2 deg F
111.9
1310'GL



Company Name CHEVRON
Well Name SOUTHERN UTE # 10-3
Type of Test BHP SURVEY
Date(s) of Test 07/03/2014

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	CHEVRON
Well Name	SOUTHERN UTE # 10-3
Type of Test	BHP SURVEY
Date(s) of Test	07/03/2014

COMMENTS

Reported By

H & H WIRELINE SERVICE INC.

RAN BHP SURVEY TO 1310'GL, POOH RIG DOWN DRIVE TO NEXT LOCATION.



Company Name CHEVRON
Well Name SOUTHERN UTE # 10-3
Type of Test BHP SURVEY
Date(s) of Test 07/03/2014

Pressure vs. Depth

Probe Serial Number

Stop Time From	Stop Time To	Depth (ft)	Pressure (psig)	Gradient (psi/ft)	(deg F)	(deg F/ft)
10:07	10:12	0.000	-2.031	-	79.538	-
10:13	10:18	500.000	-1.762	0.0005	76.946	-0.0052
10:19	10:24	1000.000	-1.571	0.0004	74.624	-0.0046
10:25	10:30	1310.000	111.733	0.3655	82.778	0.0263

Extrapolated to MPP:

Depth
(ft)

Pressure
(psig)

(deg F)

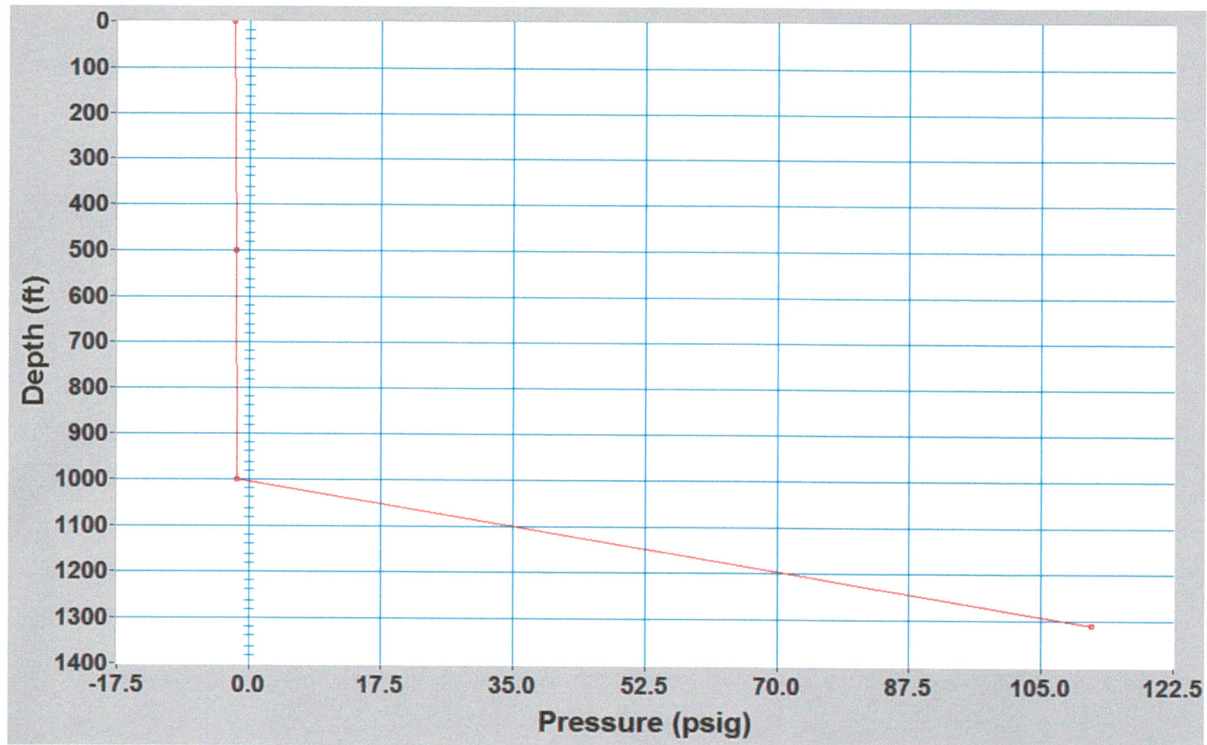
0.000



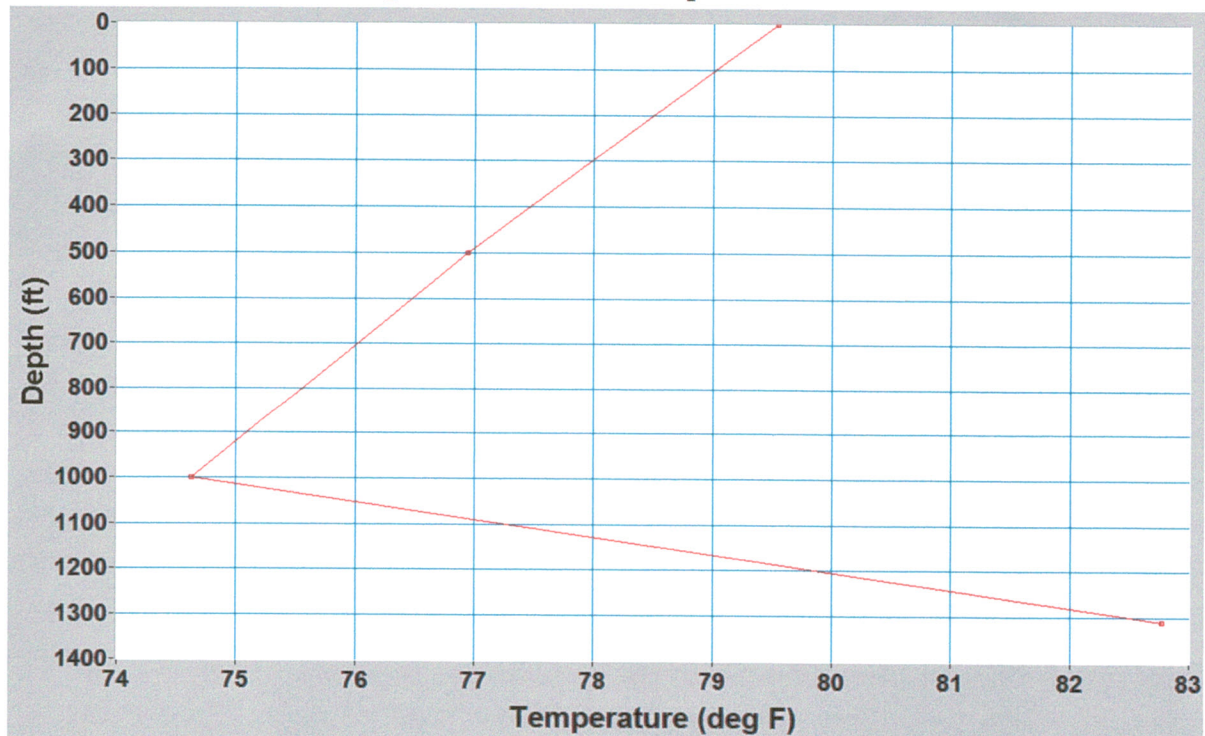
Company Name CHEVRON
Well Name SOUTHERN UTE # 10-3
Type of Test BHP SURVEY
Date(s) of Test 07/03/2014

Probe Serial Number

Depth vs. Pressure



Depth vs. Temperature

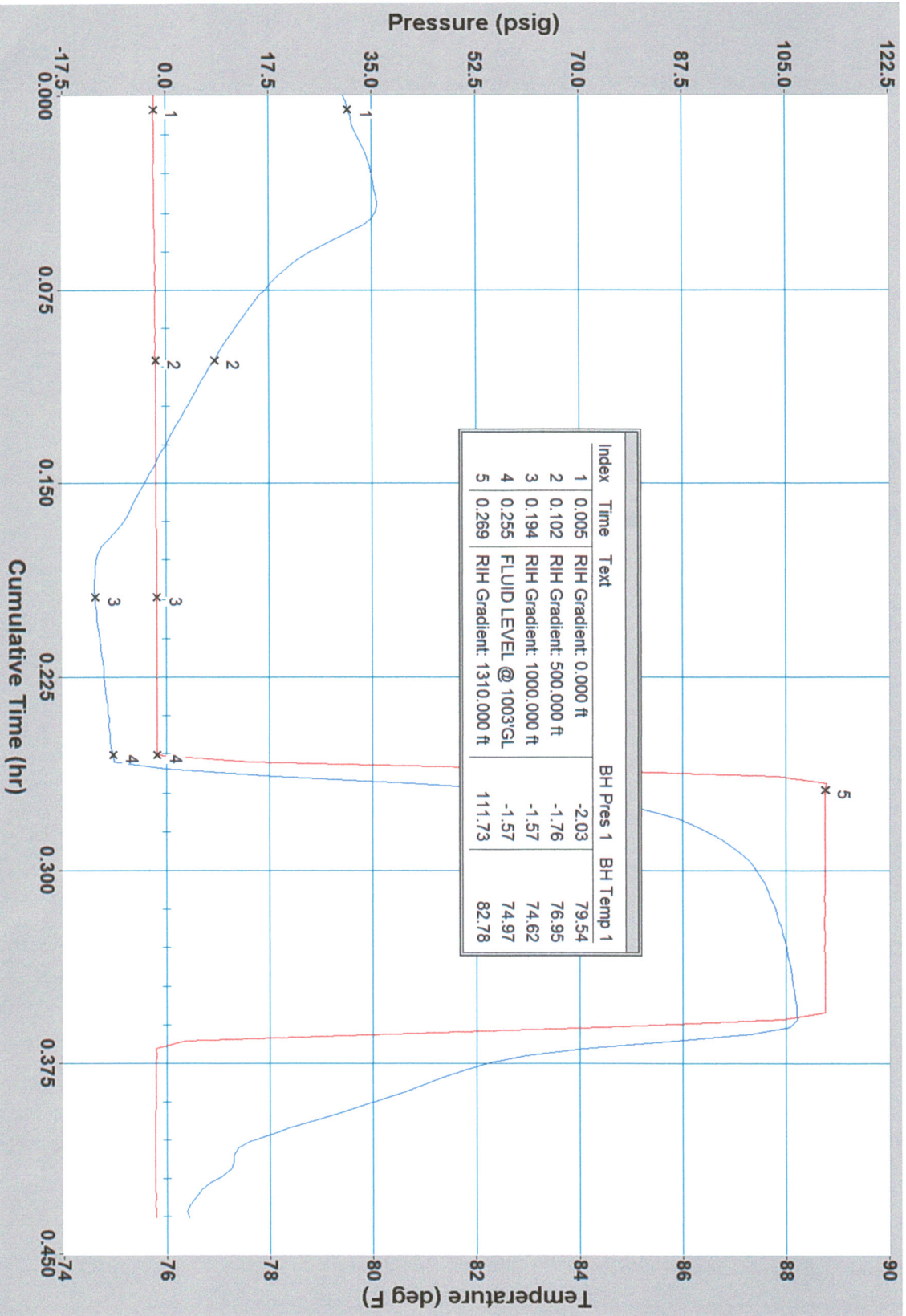




Company Name
Well Name
Type of Test
Date(s) of Test

CHEVRON
SOUTHERN UTE # 10-3
BHP SURVEY
07/03/2014

SOUTHERN UTE # 10-3



BH Pres 1
BH Temp 1



Company Name CHEVRON
Well Name SOUTHERN UTE # 10-3
Type of Test BHP SURVEY
Date(s) of Test 07/03/2014

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/07/03	10:05:00	0.0000	-1.996	79.448
RIH Gradient: 0.000 ft				
2014/07/03	10:05:19	0.0053	-2.031	79.538
2014/07/03	10:05:39	0.0108	-2.007	79.610
2014/07/03	10:06:09	0.0192	-2.013	79.808
2014/07/03	10:06:29	0.0247	-2.002	79.916
2014/07/03	10:06:59	0.0331	-2.032	80.024
2014/07/03	10:07:39	0.0442	-1.984	80.078
2014/07/03	10:08:09	0.0525	-1.884	79.556
2014/07/03	10:08:39	0.0608	-1.804	78.746
2014/07/03	10:08:59	0.0664	-1.775	78.350
2014/07/03	10:09:29	0.0747	-1.761	77.936
2014/07/03	10:10:09	0.0858	-1.781	77.486
2014/07/03	10:10:39	0.0942	-1.781	77.198
RIH Gradient: 500.000 ft				
2014/07/03	10:11:09	0.1025	-1.762	76.946
2014/07/03	10:11:29	0.1081	-1.754	76.766
2014/07/03	10:11:59	0.1164	-1.772	76.514
2014/07/03	10:12:39	0.1275	-1.742	76.190
2014/07/03	10:13:09	0.1358	-1.732	75.974
2014/07/03	10:13:39	0.1442	-1.736	75.740
2014/07/03	10:13:59	0.1497	-1.752	75.596
2014/07/03	10:14:29	0.1581	-1.739	75.362
2014/07/03	10:15:09	0.1692	-1.630	75.002
2014/07/03	10:15:39	0.1775	-1.574	74.678
2014/07/03	10:16:09	0.1858	-1.565	74.624
2014/07/03	10:16:29	0.1914	-1.526	74.606
RIH Gradient: 1000.000 ft				
2014/07/03	10:16:39	0.1942	-1.571	74.624
2014/07/03	10:16:59	0.1997	-1.553	74.660
2014/07/03	10:17:39	0.2108	-1.562	74.714
2014/07/03	10:18:09	0.2192	-1.559	74.768
2014/07/03	10:18:39	0.2275	-1.556	74.804
2014/07/03	10:18:59	0.2331	-1.565	74.840
2014/07/03	10:19:29	0.2414	-1.575	74.894
2014/07/03	10:20:09	0.2525	-1.574	74.930
FLUID LEVEL @ 1003'GL				
2014/07/03	10:20:19	0.2553	-1.569	74.966
2014/07/03	10:20:39	0.2608	61.888	75.974
RIH Gradient: 1310.000 ft				
2014/07/03	10:21:09	0.2692	111.733	82.778
2014/07/03	10:21:29	0.2747	111.643	84.830
2014/07/03	10:21:59	0.2831	111.627	86.252
2014/07/03	10:22:39	0.2942	111.620	87.170
2014/07/03	10:23:09	0.3025	111.614	87.512
2014/07/03	10:23:39	0.3108	111.599	87.710
2014/07/03	10:23:59	0.3164	111.633	87.818
2014/07/03	10:24:29	0.3247	111.630	87.944
2014/07/03	10:25:09	0.3358	111.637	88.070
2014/07/03	10:25:39	0.3442	111.611	88.142
2014/07/03	10:26:09	0.3525	111.620	88.214
2014/07/03	10:26:29	0.3581	104.533	88.232
2014/07/03	10:26:59	0.3664	3.092	85.856
2014/07/03	10:27:39	0.3775	-1.803	81.770

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/07/03	10:28:09	0.3858	-1.899	80.600
2014/07/03	10:28:39	0.3942	-1.922	79.322
2014/07/03	10:28:59	0.3997	-1.983	78.404
2014/07/03	10:29:29	0.4081	-1.961	77.378
2014/07/03	10:30:09	0.4192	-1.938	77.072
2014/07/03	10:30:39	0.4275	-1.904	76.568