New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 05758	L	LE		2	4	08	17S	37E	662149	3635719*	347	110	50	60
L 08401	L	LE	3	3	1	09	17S	37E	662444	3636025*	380	185	60	125
L 11894 POD1	L	LE	2	2	2	08	17S	37E	662235	3636622*	590	226		
L 12034 POD1	L	LE	3	4	4	05	17S	37E	661996	3636802	749	160	70	90
L 09365	L	LE	3	4	4	05	17S	37E	662028	3636825*	769	141	64	77
L 05050	L	LE		3	3	09	17S	37E	662558	3635321*	885	100	43	57
L 13235 POD1	L	LE	3	3	4	05	17S	37E	661591	3636903	970	140	70	70
L 02327	L	LE		2	1	09	17S	37E	662941	3636532*	996	120	32	88
L 09581	L	LE	1	3	4	05	17S	37E	661625	3637020*	1059	130	70	60
L 05209	L	LE				09	17S	37E	663161	3635924*	1103	100	42	58
L 07611	L	LE		4	3	05	17S	37E	661324	3636916*	1135	100	60	40
L 10894	L	LE		4	3	05	17S	37E	661324	3636916*	1135	192	76	116
L 11492	L	LE	4	4	3	04	17S	37E	663034	3636834*	1242	225		
L 09552	L	LE	3	1	4	05	17S	37E	661619	3637223*	1249	124	65	59
L 11197	L	LE	3	1	4	05	17S	37E	661619	3637223*	1249	158		
L 05130	L	LE	4	2	2	17	17S	37E	662262	3634812*	1259	115	54	61
L 11644	L	LE		1	4	05	17S	37E	661720	3637324*	1314	120	61	59
L 09649	L	LE	1	1	4	05	17S	37E	661619	3637423*	1437	124	65	59
L 05214	L	LE	3	3	4	09	17S	37E	663264	3635229*	1456	105	45	60
L 09717	L	LE		2	3	05	17S	37E	661317	3637319*	1467	118	65	53
L 09719	L	LE		2	3	05	17S	37E	661317	3637319*	1467	125	70	55
L 10143	L	LE		2	3	05	17S	37E	661317	3637319*	1467	90	55	35
L 10324	L	LE		2	3	05	17S	37E	661317	3637319*	1467	150	70	80
L 11952 POD1	L	LE	2	2	3	05	17S	37E	661416	3637418*	1508	150	60	90
L 04197	L	LE		4	2	07	17S	37E	660532	3636102*	1533			
L 10021	L	LE	2	2	2	07	17S	37E	660624	3636604*	1541	180	70	110

***UTM location was derived from PLSS - see Help**

EXHIBIT H

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 10015	L	LE				05	17S	37E	661524	3637515*	1556	125	70	55
L 02784	L	LE	1	3	3	05	17S	37E	660820	3637011*	1569	108	60	48
L 11225	L	LE	4	3	2	05	17S	37E	661812	3637625*	1589	180	70	110
L 11056	L	LE		2	2	07	17S	37E	660525	3636505*	1604	165	62	103

Average Depth to Water: **60 feet**

Minimum Depth: **32 feet**

Maximum Depth: **76 feet**

Record Count: 30

UTMNAD83 Radius Search (in meters):

Easting (X): 662065 **Northing (Y):** 3636056 **Radius:** 1610

EXHIBIT H

***UTM location was derived from PLSS - see Help**

Analytical Report
Lab Order **1306A51**
Date Reported: **7/2/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cobalt Energy
Project: Cobalt SWQ
Lab ID: 1306A51-001

Client Sample ID: I
Collection Date: 6/24/2013 2:22:00 PM
Matrix: AQUEOUS **Received Date:** 6/25/2013 1:15:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **JRR**
Chloride	70	5.0		mg/L	10	6/26/2013 6:10:06 PM	R11606
EPA METHOD 1664A							Analyst: **SMS**
N-Hexane Extractable Material	ND	5.3	B	mg/L	1	6/29/2013	8120
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: **KS**
Total Dissolved Solids	457	20.0		mg/L	1	6/28/2013 1:07:00 PM	8138

EXHIBIT H

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cobalt Energy
Project: Cobalt SWQ
Lab ID: 1306A51-002 **Matrix:** AQUEOUS

Client Sample ID: 2
Collection Date: 6/24/2013 2:25:00 PM
Received Date: 6/25/2013 1:15:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **JRR**
Chloride	72	5.0		mg/L	10	6/26/2013 7:24:35 PM	R11606
EPA METHOD 1664A							Analyst: **SMS**
N-Hexane Extractable Material	ND	5.4	B	mg/L	1	6/29/2013	8120
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: **KS**
Total Dissolved Solids	591	20.0	*	mg/L	1	6/28/2013 1:07:00 PM	8138

EXHIBIT H

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cobalt Energy
Project: Cobalt SWQ
Lab ID: 1306A51-003

Client Sample ID: 3
Collection Date: 6/24/2013 2:30:00 PM
Matrix: AQUEOUS **Received Date:** 6/25/2013 1:15:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	34	5.0		mg/L	10	6/26/2013 7:49:24 PM	R11606
EPA METHOD 1664A						Analyst: **SMS**	
N-Hexane Extractable Material	ND	5.3	B	mg/L	1	6/29/2013	8120
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	391	20.0		mg/L	1	6/28/2013 1:07:00 PM	8138

EXHIBIT H

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cobalt Energy
Project: Cobalt SWQ
Lab ID: 1306A51-004

Client Sample ID: 4
Collection Date: 6/24/2013 2:33:00 PM
Matrix: AQUEOUS
Received Date: 6/25/2013 1:15:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	190	50		mg/L	100	6/26/2013 8:51:26 PM	R11606
EPA METHOD 1664A						Analyst: **SMS**	
N-Hexane Extractable Material	ND	5.8	B	mg/L	1	6/29/2013	8120
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	904	20.0	*	mg/L	1	6/28/2013 1:07:00 PM	8138

EXHIBIT H

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

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Geologic Hazards Science Center

EHP Quaternary Faults

Search for fault: Guadalupe Select a state or region map: Submit

Submit Clear Selected Features

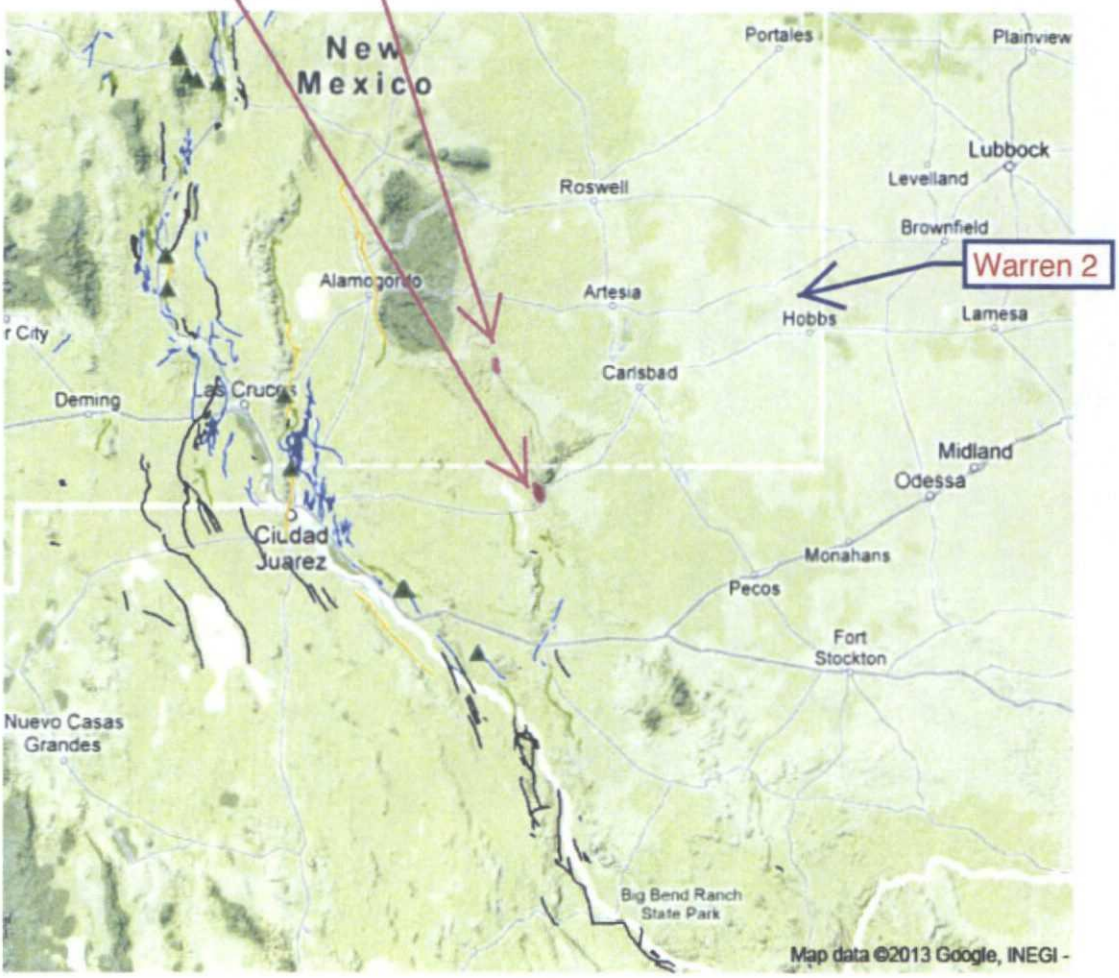

EXHIBIT I

USGS
science for a changing world

Geologic Hazards Science Center

EHP Quaternary Faults

Search for fault: Guadalupe Select a state or region map: Submit

Submit Clear Selected Features

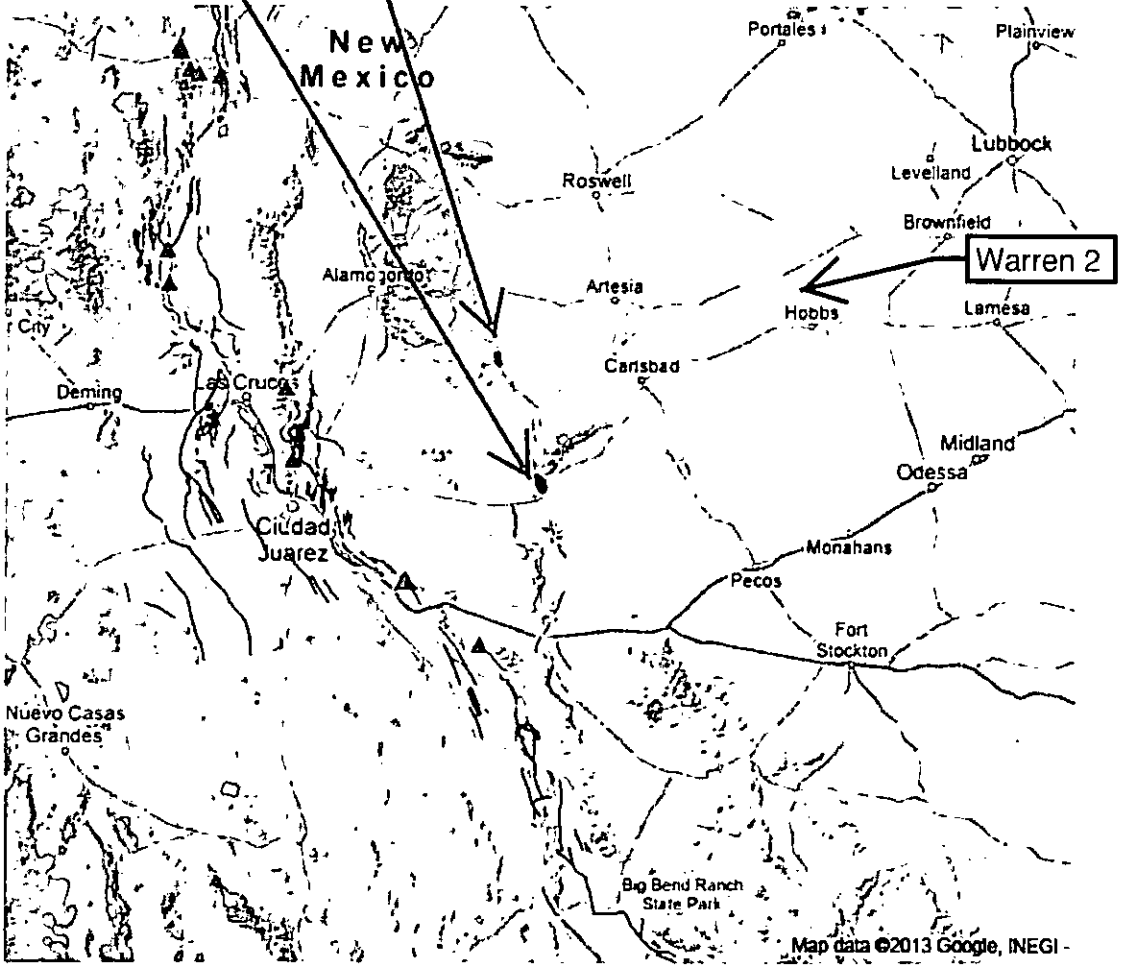

EXHIBIT I