BW-036

ANNUAL REPORT

2021

2021 ANNUAL CLASS III WELL REPORT

H.R.C. INC.

Schubert Farms Well # 1 (BW-036)

API 30-025-37548

May 9, 2022

GARY M. SCHUBERT

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SUMMARY OF CLASS III OPERATIONS 2021

Schubert Farms Well # 1 (BW-36) production operations in 2021 recorded an upward trend as the industry recovered from the COVID pandemic. An annual total of 295,614 bbl. of brine was extracted at an average weight of 9.89 PPG (1.1851 SG), an increase of 32.2% over 2020. Steady sales are expected in 2022.

Analysis of water samples from the designated monitor well showed no changes in water quality.

All facility lines and connections receive a daily visual inspection. Readings on pressure gauges are recorded daily, along with the produced brine and injected water volumes. Safety shut off mechanisms are tested to ensure that the high and low pressure shut down systems are fully functional. In 2021 there were no leaks that occurred during the year. The fresh water systems and well are insulated to protect the fresh water system from freezing. All meters and valves were protected and are in good working condition.

H.R.C., Inc. preventive maintenance plan is to replace any connections or valves that could be showing wear. This will continue as a safe operating procedure in 2022. Connections are changed when the first sign of salt is seen behind the threaded end. During 2021 the transfer pump that transports brine to the sales tanks required a mechanical seal replaced in the month of April. This is a common task due to the abrasion of the 9.98 PPG brine. When replacing the seals, fresh water was used to clean out the lines, and valves were shut in allowing the connecting unions to be broken to prevent any impact to the ground within the pump shop where the pump resides.

There were no deviations from normal operations of the well.

Surface subsidence monitoring results show no changes in elevations at the designated monitoring points.

Solution cavern characterization results show that the cavern size and shape remain within NMOCD recommended limits.

H.R.C., Inc. has continued its COVID protection plan for employees, requiring appropriate masks, hand sanitizers, aerosols and nitrile gloves in the field and office. Field tickets are stored in plastic bags and handled diligently for the least exposure possible to its employees.

H.R.C., Inc. Schubert Farms # 1 is an asset to industry and continues to support oil & gas production operations in New Mexico.

FLUID INJECTION & BRINE PRODUCTION VOLUMES

2021 MONTHLY TOTALS PRODUCED BRINE & INJECTED FRESH WATER

MONTH	PROD. BRINE	INJ. FRESH WATER
JANUARY	27269	26995
FEBRUARY	18003	17807
MARCH	24908	24705
APRIL	15721	15543
MAY	14740	14579
JUNE	18825	18816
JULY	26873	26569
AUGUST	29354	29026
SEPTEMBER	31288	30924
OCTOBER	28870	28579
NOVEMBER	30780	30446
DECEMBER	28983	28674
TOTAL	295614	292663

ANNUAL TOTALS PRODUCED BRINE & INJECTED FRESH WATER

YEAR	PROD. BRINE	INJ. FRESH WATER
2017	153,518	148,678
2018	306,806	303,899
2019	264,276	261,658
2020	223,625	221,247
2021	295,614	292,663
TOTAL	1,243,839	1,228,145

EXTRACTION VS. INJECTION RATIOS

2021 FLUID INJECTION & BRINE PRODUCTION VOLUME RATIO

MONTH	BRINE	BRINE PSI	FRESH	FW PSI	RATIO	RATIO
			WATER		(RAW)	(CALC)
JANUARY	27269	20	26995	257	27269:26995	1.010150
FEBRUARY	18003	24	17807	255	18003:17807	1.011000
MARCH	24908	22	24705	256	24908:24705	1.008210
APRIL	15721	23	15543	255	15721:15543	1.011452
MAY	14740	21	14579	254	14740:14579	1.011043
JUNE	18825	22	18816	255	18825:18816	1.000478
JULY	26873	20	26569	256	26873:26569	1.011442
AUGUST	29354	20	29026	257	29354:29026	1.011300
SEPTEMBER	31288	21	30924	255	31288:30924	1.011771
OCTOBER	28870	19	28579	257	28870:28579	1.010182
NOVEMBER	30780	20	30446	256	30780:30446	1.010970
DECEMBER	28983	21	28674	257	28983:28674	1.010776

INJECTION PRESSURE

Injection pressure remains consistent with 2020. Annulus average is 21 PSIG and the tubing average is at 256 PSIG. RFD pump runs at 53.6 Hz. with a yield of 28 to 29 GPM. The lease operator checks the pressure daily and records it on his daily logs.

Please find production & injection pressure and volume data attached in Appendix A, and can be seen in the table above.

MONITOR WELL WATER SAMPLE CHEMICAL ANALYSIS DATA

The BW-36 order requires that the specified monitor well be sampled semi-annually and chemical analysis results be reported to the OCD. H.R.C. Inc. has been performing this sampling on a semi-annual basis. However, quarterly sampling and analysis for the produced brine and injected fresh water has been instituted as of January 2022 and the monitor well will be sampled at the same time and same interval, so therefore will also begin and then remain on a quarterly basis going forward. Cardinal Laboratories sampled water from the designated monitor well on 06/02/2021 and 12/17/2021. Summary of the analyses from June 2021 and December 2021 for Inorganic Compounds and Total Recovery Metals by ICP (E200.7) are shown below. There were no appreciable changes in the designated monitor well water quality throughout 2021, and as compared to 2020.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13 for 06/16/21 and certificate number T104704398-21-14 for 12/27/21.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Halo acetic Acids (HAA-5) Method EPA 524.2 Total Trihalomethanes (TTHM) Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for: Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Halo acetic Acids (HAA-5)

Full details of the analytical results are attached at the end of this report in Appendix B.

JUNE 2021 RESULTS

MONITOR WELL INOGRANIC COMPOUNDS

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Alkalinity, Bicarbonate	220		5.0	MG/L	6-3-21	310.0
Alkalinity Carbonate	< 1.00		1.0	MG/L	6-3-21	310.0
Chloride	392		4.0	MG/L	6-3-21	4500-C1.B
Conductivity	2080		1.0	US/CM	6-4-21	120.1
рН	7.34		0.100	pH Units	6-4-21	150.1
Sulfate	262		50	MG/L	6-3-21	375.4
TDS	1340		5.0	MG/L	6-7-21	160.1
Alkalinity Total	180		4.0	MG/L	6-3-21	310.1

MONITOR WELL TOTAL RECOVERABLE METALS by ICP (E220.7)

Analyte	Result	MDL	Reporting	Units	Analyzed	Method
			Limit		Date	
Calcium	204		0.500	MG/L	6-14-21	EPA200.7
Magnesium	55		0.500	MG/L	6-14-21	EPA200.7
Potassium	5.53		5.0	MG/L	6-14-21	EPA200.7
Sodium	134		5.0	MG/L	6-14-21	EPA200.7

DECEMBER 2021 RESULTS

MONITOR WELL INORGANIC COMPOUNDS

Analyte	Result	MDL	Reporting	Units	Analyzed	Method
			Limit		Date	
Alkalinity,	224		5.00	MG/L	12-20-21	310.0
Bicarbonate						
Alkalinity	<1.00		1.00	MG/L	12-20-21	310.0
Carbonate						
Chloride	68.0		4.00	MG/L	12-20-221	4500. C1.B
Conductivity	671		1.00	UMHOS/CM	12-17-21	120.1
рН	7.83		0.100	pH units	12-17-21	150.1
Sulfate	81.6		25.0	MG/L	12-20-21	375.4
TDS	417		5.0	MG/L	12-20-21	160.1
Alkalinity	184		4.00	MG/L	12-20-21	310.1
Total						

MONITOR WELL TOTAL RECOVERABLE METALS by ICP (E220.7)

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Calcium	49.8		1.00	MG/L	1-6-22	EPA 200.7
Magnesium	15.2		1.00	MG/L	1-5-22	EPA 200.7
Potassium	1.89	1.83	10.00	MG/L	1-5-22	EPA 200.7
Sodium	63.3		10.00	MG/L	1-5-22	EPA 200.7

PRODUCED BRINE & INJECTED FRESH WATER CHEMICAL ANALYSIS DATA

The BW-36 order requires that the produced brine and injected fresh water be sampled quarterly and chemical analysis results be reported to the OCD. H.R.C. Inc. has erroneously been performing this sampling on a semi-annual basis instead of quarterly. Quarterly sampling and analysis has been instituted as of January 2022, and will remain on a quarterly basis going forward. Cardinal Laboratories sampled produced brine and injected fresh water from the BW-36 facility on 06/02/2021 and 12/17/2021. Summary of the analyses from June 2021 and December 2021 for Inorganic Compounds and Total Recovery Metals by ICP (E200.7) are shown below. There were only no appreciable changes in both the produced brine chemistry and injected fresh water chemistry throughout 2021, and as compared to 2020.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13 for 06/16/21 and certificate number T104704398-21-14 for 12/27/21.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Halo acetic Acids (HAA-5) Method EPA 524.2 Total Trihalomethanes (TTHM) Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for: Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Halo acetic Acids (HAA-5)

Full details of the analytical results are attached at the end of this report in Appendix B.

BRINE ANALYTICAL RESULTS: JUNE 2021

INORGANIC COMPOUNDS

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Alkalinity, Bicarbonate	244		5.00	MG/L	6-3-21	310.0
Alkalinity Carbonate	<1.00		1.00	MG/L	6-3-21	310.0
Chloride	178,000		4.00	MG/L	6-3-21	4500.C1.B
Conductivity	263,000		1.00	UMHOS/CM	6-3-21	120.1
рН	6.77		0.100	Ph Units	6-4-21	150.1
Sulfate	2520		500	MG/L	6-3-21	375.4
TDS	291,000		5.00	MG/L	6-7-21	160.1
Alkalinity Total	200		4.00	MG/L	6-3-21	310.1

Analyte	Result	MDL	Reporting	Units	Analyzed	Method
			Limit		Date	
Calcium	783		50.0	MG/L	6-14-21	EPA 200.7
Magnesium	184		50.0	MG/L	6-14-21	EPA200.7
Potassium	265	91.5	500	MG/L	6-14-21	EPA 200.7
Sodium	111,000		500	MG/L	6-14-21	EPA 200.7

FRESH WATER ANALYTICAL RESULTS: JUNE 2021

INORGANIC COMPOUNDS

Analyte	Result	MDL	Reporting Limit	Units	Analyzed	Method
Alkalinity, Bicarbonate	244		5.00	MG/L	6-3-21	310.0
Alkalinity Carbonate	<1.00		1.00	MG/L	6-3-21	310.0
Chloride	468		4.00	MG/L	6-3-21	4500.C1.B
Conductivity	2 760		1.00	UMHOS/CM	6-4-21	120.1
рН	7.25		0.100	pH units	6-4-21	150.1
Sulfate	537		125	MG/L	6-3-21	375.1
TDS	1860		5.00	MG/L	6-7-21	160.1
Alkalinity Total	200		4.00	MG/L	6-3-21	310.1

Analyte	Result	MDL	Reporting Limit	Units	Analyzed	Method
Calcium	243		0.500	MG/L	6-14-21	EPA 200.7
Magnesium	78.2		0.500	MG/L	6-14-21	EPA 200.7
Potassium	7.09	0.915	5.00	MG/L	6-14-21	EPA 200.7
Sodium	226		5.00	MG/L	6-14-21	EPA 200.7

BRINE ANALYTICAL RESULTS: DECEMBER 2021

INORGANIC COMPOUNDS

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Alkalinity Bicarbonate	264		5.00	MG/L	12-20-21	310.0
Alkalinity Carbonate	<1.00		1.00	MG/L	12-20-21	310.0
Chloride	190,000		4.00	MG/L	12-20-21	4500. C1.B
Conductivity	283,000		1.00	UMHOS/CM	12-17-21	120.1
рН	6.59		0.100	Ph Units	12-17-21	150.1
Sulfate	6880		1250	MG/L	12-20-21	375.1
TDS	319,000		5.00	MG/L	12-20-21	160.1
Alkalinity Total	216		4.00	MG/L	12-20-21	310.1

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Calcium	915		20.0	MG/L	1-5-22	EPA 200.7
Magnesium	645		20.0	MG/L	1-5-22	EPA 200.7
Potassium	1370		200	MG/L	1-5-22	EPA 200.7
Sodium	104,000		500	MG/L	1-5-22	EPA 200.7

FRESH WATER ANALYTICAL RESULTS: DECEMBER 2021

INORGANIC COMPOUNDS

Analyte	Result	MDL	Reporting Limit	Units	Analyzed	Method
Alkalinity, Bicarbonate	303		5.00	MG/L	12-20-21	310.0
Alkalinity Carbonate	<1.00		1.00	MG/L	12-20-21	310.0
Chloride	292		4.00	MG/L	12-20-21	4500.C1.B
Conductivity	1630		1.00	UMHOS/CM	12-17-21	120.1
рН	7.44		0.100	pH Units	12-17-21	150.1
Sulfate	158		25.0	MG/L	12-20-21	375.1
TDS	1000		5.00	MG/L	12-20-21	160.1
Alkalinity Total	248		4.00	MG/L	12-20-21	310.1

Analyte	Result	MDL	Reporting	Units	Analyzed	Method
			Limit			
Calcium	124		1.00	MG/L	1-5-22	EPA 200.7
Magnesium	24.3		1.00	MG/L	1-5-22	EPA 200.7
Potassium	12.2	1.83	10.00	MG/L	1-5-22	EPA 200.7
Sodium	168		10.00	MG/L	1-5-22	EPA 200.7

PIPE LINE HYDROSTATIC TEST RESULTS

Lines that lead to the storage tanks from the wellhead have a hydrostatic pressure of 8.3 pounds of pressure at the base of the line at the fill tank when idle. The operating static pressure average is 11.7 psi respectively. The operating pressure is at around 20 psig. Discharge line is of 3" Polyethylene SDR 11 with a max operating pressure of 160 PSI.

Brine Water transfer line from storage tanks at the Schubert Farms Well # 1 facility to the storage point located 1.5 miles south of the Schubert Farms Well # 1 has an operating pressure of 130 psi. The second point of diversion is the transfer of brine from the storage tanks known as the Peanut Shed to the A.N. ETZ sales facility located 0.8 miles east of HWY 18 on Nadine Rd. (P-26-19S-38E) this line is constructed of 2" SDR 11 Polyethylene Line with a max pressure of 160 psi the line enters into the west 16' holding tank at the top and has a hydrostatic pressure at the base of the line of 0 pounds of pressure at the base of the line due to the (Peanut Shed) storage tanks being higher in elevation. In the transferring operation of brine from the storage tanks (Peanut Shed) it takes 20 to 30 static pounds to move fluid through the 2" line to the A.N. ETZ sales point. Pump # 1 runs at 26 GPM and Pump # 2 runs at 42 GPM depending on demand both pumps can be run together.

VISUAL LEAK INSPECTION MONITORING

H.R.C. Inc. operations personnel walks each above ground facility line daily, and inspects all lines and connections for any sign of leaks or sweating of threads.

The H.R.C. lease operator drives out the lines that are underground and below frost level and visually inspects for any signs of compromised line integrity. This is done up to four times daily, but at a minimum once daily.

No leaks were detected in 2021. Because there were no leaks or spills detected in 2021, there are no leak or spill corrective action reports required.

MECHANICAL INTEGRITY TESTS

For 2021, the last required mechanical integrity test was performed on 2/23/17.

A mechanical integrity test was completed on February 25, 2022. Please find a copy of the MIT Chart, Procedure Report, and C-103 in Appendix C. This test will also be reported in the 2022 Annual Report.

AREA OF REVIEW (AOR) UPDATE

H.R.C., Inc. has updated the 2021 AOR for the Schubert Farms Well # 1 (BW-36), showing no new permits or new drilled wells have been located within the ½ or 2 mile AOR since the 2020 report.

Please find a copy of the ½ and 2 mile AOR review map in Appendix D.

DEVIATIONS FROM NORMAL FLOW CONFIGURATION

H.R.C. Inc. certifies that the well was operated in compliance with its permitted normal flow configuration throughout 2021 (inject fresh water down tubing, produce brine up annulus).

MAJOR FACILITY ACTIVITIES OR EVENTS

There were no major facility activities or events in 2021. A minor facility modification was done to add additional brine and fresh water tanks. Normal operations of the facility were not impacted during the modifications. Please find a copy of the BW-36 facility schematic in Appendix E for the current tank configuration.

SURFACE SUBSIDENCE MONITORING PLAN RESULTS

Surface subsidence surveys were conducted in June 2021, September 2021, and December 2021, by Basin Surveys, certified by Gary L. Jones, Texas PLS. Three elevation markers are in place. No changes in elevation have been found.

Please find a copy of the BW-36 surveyor's plat in Appendix F, with locations of the BW-36 EM markers, and stating no changes found as of December 27, 2021.

SOLUTION CAVERN CHARACTERIZATION DATA RESULTS

The characterization of the cavern can be mathematically calculated using $V=\Pi R^2 h/3$, where the cavern is assumed to be conical in shape, V=v olume of salt removed in ft 3 , R=v cavern radius in ft at bottom, and V=v height of cavern in ft.

The Litho Density Compensated Neutron logs showed approximately 54' of good Halite net pay showing less than 4 API units on the Gamma Ray side of the log that is presently being mined. This interval is from 2661'-2715'. Height of cavern, h=54 ft.

BW-36 has produced 1,243,839 Bbl. of brine from the Salado formation from March, 2017 to December 31, 2021. It takes 122.136 Lbs. of salt to produce one barrel of quality brine yielding a Specific Gravity of 1.195. Multiplying salt ratio to total fluid bbl. equals 151,917,520 lbs of salt mined during this period. The amount of salt mined, 151,917,520 lbs, divided by 80 lbs salt/ft. ³ equals 1,898,969 ft.³ volume of salt removed through December 31, 2021. Volume of cavern, V=1,898,969 ft ³.

Substituting into $V=\Pi R^2 h/3$ for V and h, and solving for R shows that the radius of the cavern, R=183 ft. Diameter of cavern, D=2R=366 ft.

Depth of cavern is taken to be depth of casing window, 2661 ft.

In respect to the recommended maximum allowable D/depth cavern size factor of 0.5, the Schubert Farms Well No. 1 (BW-36) has a factor value of (366'/2661') = 0.137, which is well below the maximum allowable.

BW-36 has years of remaining life to continue mining for the salt that is used throughout the oil and gas industry in Southeastern New Mexico. New horizons above 2661' can be considered in the future to increase the lifespan of this facility.

Please find a copy of the BW-36 wellbore schematic and input data for the cavern characterization calculations in Appendix G.

CONCLUSIONS & RECOMMENDATIONS

This well and facility are in good working order and maintained regularly. The cavern diameter/depth ratio is well within recommended maximum limits, and will not cause cavern collapse. There has been no evidence of surface subsidence. The nearby monitor well shows no evidence of contamination of USDW's. H.R.C. Inc. has not been fully in compliance with reporting to OCD, but procedures have been implemented to bring this well into full reporting compliance, and will remain so going forward.

	ion mining of the Schubert Farms Well #1 (BW-36) will ce, property damage, or otherwise threaten public ogic and engineering data.
ignature <u>GIASY M. SCHUBERT</u>	for H.R.C., Inc. Date 5/5/22

APPENDIX A

2021 Production & Injection Pressures and Volumes

Month	Brine Production (Bbls)	Fresh Injection (Bbls)			
	Average Pressure (psi)	Average Pressure (psi)			
January	27,269	26,995			
	20	257			
February	18,003	17,807			
	24	255			
March	24,908	24,705			
	22	256			
April	15,721	15,543			
	23	255			
May	14,740	14,579			
	21	254			
June	18,825	18,816			
	22	255			
July	26,873	26,569			
	20	256			
August	29,354	29,026			
	20	257			
September	31,288	30,924			
	21	255			
October	28,870	28,579			
	19	257			
November	30,780	30,446			
	20	256			
December	28,983	28,674			
	21	257			
Yearly Total	295,614	292,663			
	21	256			
Cumulative Totals	Brine Production (Bbls)	Fresh Injection (Bbls)			
	1,243,839	1,235,740			

APPENDIX B



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 16, 2021

BEN DONAHUE

ETZ WATER STATION

PO BOX 6056

HOBBS, NM 88241

RE: SCHUBERT

Enclosed are the results of analyses for samples received by the laboratory on 06/02/21 14:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 16-Jun-21 11:17
POBBS NM, 88241 Project Manager: BEN DONAHUE
Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MONITOR WELL FRESH WATER	H211404-01 H211404-02	Water Water	02-Jun-21 09:40 02-Jun-21 09:47	02-Jun-21 14:47 02-Jun-21 14:47
BRINE WATER	H211404-03	Water	02-Jun-21 09:36	02-Jun-21 14:47

Cardinal Laboratories *=Accredited Analyte

PLINE NOTE: Unbilly and Designs. Gettin's liability and clerify exclude movely for any dain whitey, whether bend in custout or tax, duel be listed to the amount paid by client for analyses. All dains, including those for negligence as any other cases electations and all continues to the control of control of the application senters. In one event deal Gettinal is liable for including, without listedism, because interruption, then of one, or less of profits incomed by client, its admittance, beliefs only one of profits incomed by client including, without listedism, because of one written to the performance of the window between the control of the sentence of the window between the control of the sentence of the window between the control of the sentence of

Celeg & treene

Celey D. Keene, Lab Director/Quality Manager

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ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 16-Jun-21 11:17

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

MONITOR WELL H211404-01 (Water)

				,	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardi	nal Laborato	ries					
Inorganic Compounds										
Alkalinity, Bicarbonate	220		5.00	T.gm	1	1042813	GM	03-Jun-21	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	1042813	GM	03-Jun-21	310.1	
Chloride*	392		4.00	mg/L	1	1060207	GM	03-Jun-21	4500-C1-B	
Conductivity*	2080		1.00	umhos/cm @ 25°C	1	1060306	GM	04-Jun-21	120.1	
pH*	7.34		0.100	pH Units	1	1060306	GM	04-Jun-21	150.1	
Temperature °C	22.8			pH Units	1	1060306	GM	04-Jun-21	150.1	
Sulfate*	262		50.0	mg/L	5	1060307	GM	03-Jun-21	375.4	
TDS*	1340		5.00	mg/L	1	1052704	GM	07-Jun-21	160.1	
Alkalinity, Total*	180		4.00	Aşm	1	1042813	GM	03-Jun-21	310.1	
			Green An	alytical Labo	ratories					
Total Recoverable Metals by	ICP (E200.7)									
Calcium*	204		0.500	mg/L	5	B211250	AES	14-Jun-21	EPA200.7	
Magnetium*	55.0		0.500	T.gm	5	B211250	AES	14-Jun-21	EPA200.7	
Potassium*	5.53	0.915	5.00	mg/L	5	B211250	AES	14-Jun-21	EPA200.7	
Sodium*	134		5.00	T.gm	5	B211250	AES	14-Jun-21	EPA200.7	

Cardinal Laboratories *=Accredited Analyte

PANE NOTE: Liabity and Danages. Cardina's binkly and cheese extente menshy for any date rating, whether based in custout or tast, dual be listed to the amount part by chee for analyses. All dates, excluding those for negligence as any other cases shall be extented under cheese about the latest to the second shall be desired under cheese in the extent dual Cardina' be based by cardinal dates, part of analysis section. In no exect dual Cardina' be based for comparable dates, the substitute, business into the second to the performance of the written behavior by Cardinal, reportions of whether so claims based upon any of the above decided resource of decided in the second of cardinal cardinal based on any of the above decided cardinal cardinal cardinal cardinal cardinal cardinal dates within appoint of Cardinal Liabatobia.

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Celey D. Keene, Lab Director/Quality Manager

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Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 16-Jun-21 11:17
HOBBS NM, 88241 Project Manager: BEN DONAHUE

S NM, 88241 Project Hanager: BCN Fax To:

FRESH WATER H211404-02 (Water)

				•					
Analyte	Result	MDL Reportin	g Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Car	dinal Laborate	ories					
Inorganic Compounds									
Alkalinity, Bicarbonate	244	5.00	mg/L	1	1042813	GM	03-Jun-21	310.1	
Alkalinity, Carbonate	<1.00	1.00	T.sm	1	1042813	GM	03-Jun-21	310.1	
Chloride*	468	4.00	mg/L	1	1060207	GM	03-Jun-21	4500-C1-B	
Conductivity*	2760	1.00	umhos/cm@ 25°C	1	1060306	GM	04-Jun-21	120.1	
pH*	7.25	0.100	pH Units	1	1060306	GM	04-Jun-21	150.1	
Temperature °C	22.8		pH Units	1	1060306	GM	04-Jun-21	150.1	
Sulfate*	537	125	mg/L	12.5	1060307	GM	03-Jun-21	375.4	
TDS*	1860	5.00	mg/L	1	1052704	GM	07-Jun-21	160.1	
Alkalinity, Total*	200	4.00	Tym.	1	1042813	GM	03-Jun-21	310.1	
		Green A	nalytical Labo	oratories					
Total Recoverable Metals by I	CP (E200.7)								
Calcium*	243	0.500	T/sm	5	B211250	AES	14-Jun-21	EPA200.7	
Magnesium*	78.2	0.500	T/sm	5	B211250	AES	14-Jun-21	EPA200.7	
Potassium*	7.09	0.915 5.00	T.gm	5	B211250	AES	14-Jun-21	EPA200.7	
Sodium*	226	5.00	.Lsm	5	B211250	AES	14-Jun-21	EPA200.7	

Cardinal Laboratories *=Accredited Analyte

PAINS NOTE: Under and Designs. Cardina's binkly and clear's exclusive money for any date rating, whether based in custout or tart, dual be listed to the amount paid by clear for markets. All downs, excluding those for markets was any other cases shall be exceed watered and be desired watered under clear to the explication service. In no exect dual Cardina' to bother for consequental desirage clearing without institute, business interruptions, loss of one, or loss of portion instituted by died, to solutione, will only dual for or instead to the performance of the written between the work of the solution of the solut

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 10



ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 16-Jun-21 11:17

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

BRINE WATER H211404-03 (Water)

				1404 00 (1100	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Note
			Cardi	nal Laborato	ries					
Inorganic Compounds										
Alkalinity, Bicarbonate	244		5.00	T.sm	1	1042813	GM	03-Jun-21	310.1	
Alkalinity, Carbonate	<1.00		1.00	Asm.	1	1042813	GM	03-Jun-21	310.1	
Chloride*	178000		4.00	T/sm	1	1060207	GM	03-Jun-21	4500-CI-B	
Conductivity*	263000		1.00	umhos/cm @ 25°C	1	1060306	GM	04-Jun-21	120.1	
pH*	6.77		0.100	pH Units	1	1060306	GM	04-Jun-21	150.1	
Temperature °C	22.7			pH Units	1	1060306	GM	04-Jun-21	150.1	
Sulfate*	2520		500	T.sm	50	1060307	GM	03-Jun-21	375.4	
TDS*	291000		5.00	mg/L	1	1052704	GM	07-Jun-21	160.1	
Alkalinity, Total*	200		4.00	Lym	1	1042813	GM	03-Jun-21	310.1	
			Green An	alytical Labo	ratories					
Total Recoverable Metals by	ICP (E200.7)									
Calcium*	783		50.0	T _{Sm}	500	B211250	AES	14-Jun-21	EPA200.7	
Magnesium*	184		50.0	mg/L	500	B211250	AES	14-Jun-21	EPA200.7	
Potassium*	265	91.5	500	mg/L	500	B211250	AES	14-Jun-21	EPA200.7	
Sodium*	111000		500	me/L	500	B211250	AES	14-Jun-21	EPA200.7	

Cardinal Laboratories *=Accredited Analyte

REVEL NOTE: Liability and Designe. Cardisal's liability and client's exclusive records for any other arising, whether loaved in contact or tast, shall be limited to the amount post by client for analyses. All clients, actually fine any other consequences of the explosive sension. In no west shall Cardisal be liabile for incidental or consequences descripts on the consequences of the explosive sension. In no west shall Cardisal be liabile for incidental or consequences descripts on the consequences of the explosive sension. In no west shall Cardisal be liabile for incidental or consequences of the explosive sources of the explosive shall be explosed on the consequences of the explosive sension of the explosive se

Celey D. Keene, Lab Director/Quality Manager

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ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 16-Jun-21 11:17

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1042813 - General Prep - Wet Chem										
Blank (1042813-BLK1)				Prepared: 2	8-Apr-21 A	halyzed 2	9-Apr-21			
Alkalinity, Carbonate	ND	1.00	mgL							
Alkalinity, Bicsrbonste	5.00	5,00	mgL							
Alkalinity, Total	4.00	4,00	Tgm.							
LCS (1042813-BS1)				Prepared: 2	8-Apr-21 A	analyzed: 2	9-Apr-21			
Alkalinity, Carbonate	ND	2.50	mgL				80-120			
Alkalinity, Bicarbonate	305	12.5	mg1				80-120			
Alkalinity, Total	250	10.0	mg/L	250		100	80-120			
LCS Dup (1042813-BSD1)				Prepared: 2	8-Apr-21 A	laslyzed: 2	9-Apr-21			
Alkalinity, Carbonate	ND	2.50	mg'L				80-120		20	
Alkalinity, Bicarbonate	305	12.5	mgL				80-120	0.00	20	
Alkalinity, Total	250	10.0	mg/L	250		100	80-120	0.00	20	
Batch 1052704 - Filtration										
Blank (1052704-BLK1)				Prepared: 2	7-May-21.	Analyzed: 2	28-May-21			
IDS	ND	5,00	mg/L							
LCS (1052704-BS1)				Prepared: 2	7-May-21	Analyzed: 2	28-May-21			
IDS	517		mg/L	500		103	80-120			
Duplicate (1052704-DUP1)	Sou	rce: H211352-	01	Prepared: 2	7-May-21	Analyzed: 2	28-May-21			
TDS	10200	5,00	mgL		9450			7.23	20	
Batch 1060207 - General Prep - Wet Chem										
Blank (1060207-BLK1)				Prepared &	Analyzed:	02-Jun-21				
Chloride	ND	4,00	mgL		•					

Cardinal Laboratories *=Accredited Analyte

PLEME NOTE: Unbity and Derague. Cardior's liability and client's exclusive remark for any dates arising, whether based in contact or tast, shall be limited to the amount paid by client for analyses. An derive, including client for consequently distinger client contact and contact and client client tasks to include in table for including without limitation, business interruption, list of our or loss of posts incurred by client and a post-of-contact analysis of or included to the performance of the sentone beautiful by Cardioni, including without limitation, business interruptions, list of our or loss of posts incurred by Cardioni, inspections of whether sur district limitations and analysis of the processor of the sentone beautiful by Cardioni, inspection of the sentone beautiful by Cardioni (administration).

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Celey D. Keene, Lab Director/Quality Manager

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Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 16-Jun-21 11:17
HOBBS NM, 88241 Project Manager: BEN DONAHUE
Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Cardi	nai Labo	ratories						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1060207 - General Prep - Wet Chem										
LCS (1060207-BS1)				Prepared &	Analyzed:	02-Jun-21				
Chloride	104	4,00	ngL	100		104	80-120			
LCS Dup (1060207-BSD1)				Prepared &	Analyzed:	02-Jun-21				
Chloride	104	4,00	mgL	100		104	80-120	0.00	20	
Batch 1060306 - General Prep - Wet Chem										
LCS (1060306-BS1)				Prepared: (3-Jun-21 A	nalyzed: 0	4-Jun-21			
Conductivity	99700		uS/cm	100000		99.7	80-120			
H	2.11		pH Units	2.00		106	90-110			
Duplicate (1060306-DUP1)	Sou	rce: H211404	-01	Prepared: 0	3-Jun-21 A	nalyzed: 0	4-Jun-21			
H	7.33	0.100	pH Units		7.34			0.136	20	
Conductivity	2080	1.00	umhos/cm @ 25°C		2080			0.241	20	
Temperature °C	22.7		pH Units		22.8			0.440	200	
Batch 1060307 - General Prep - Wet Chem										
Blank (1060307-BLK1)				Prepared &	Analyzed:	03-Jun-21				
Sulfate	ND	10.0	mg/L							
LCS (1060307-BS1)				Prepared &	Analyzed:	03-Jun-21				
Sulfate	20.6	10.0	ngL	20.0		103	80-120			
LCS Dup (1060307-BSD1)				Prepared &	Analyzed:	03-Jun-21				
Sulfate	20.2	10.0	mg/L	20,0		101	80-120	1.96	20	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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%REC

85-115

85-115

85-115

0,613

99.1



Analytical Results For:

Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERT FARMS #1 WATERS SAM 18-Jun-21 11:17
HOBBS NM, 88241 BEN DONAHUE
Fax To:

Total Recoverable Metals by ICP (E200.7) - Quality Control

Green Analytical Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B211250 - Total Rec. 200.7/20	0.8/200.2									
Blank (B211250-BLK1)				Prepared: 0	7-Jun-21 A	nalyzed: 14	⊢Jun-21			
Calcium	ND	0.100	mgL							
Potassium	ND	1.00	mgL							
Sedium	ND	1.00	mgL							
Magnesium	ND	0.100	mgT.							
LCS (B211250-BS1)				Prepared: 0	7-Jun-21 A	nalyzed: 14	-Jun-21			
Magnesium	19.6	0.100	mg/L	20.0		98.2	85-115			
Potassium	7.98	1.00	mgL	8.00		99.7	85-115			
Sedium	3.28	1.00	mgL	3.24		101	85-115			
Calcium	3.96	0.100	mg/L	4.00		99,0	85-115			
LCS Dup (B211250-BSD1)				Prepared: 0	7-Jun-21 A	nalyzed: 14	-Jun-21			
Calcium	4.03	0.100	mgL	4.00		101	85-115	1.75	20	

0.100 mg/L

1.00 mg/L

1.00 mg/L

8.00

3.24

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

J	Estimated conentration. Analyte concentration between MDL and RL.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-8 does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

RANK ECT: Liabity and Danaya. Certain's liabity and check exclusive models for any data rating, whether based in contact or tast, still be limited to the amount paid by check for anylose. All dates, including those for manylose cases any other consended and the control of the application senters. In so exect stall Cardinal the liability or consequental damage in the complete of the application senters. In so exect stall Cardinal the liability or consequental damage in the control of the application senters. In so, exect stall Cardinal the liability or consequental damage in the control of the application sentents. In so, exect stall Cardinal the liability of liability of the liability of the liability of liability of liability of the liability of liability

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

city: Hobbs Project Manager: Ben Donohue Company Name: Project Name: Schools of Forms & Whater Sumples Address: P.O. But 5102 Project Location: Project #: Phone #: 575 343 319~ H211404 Lab I.D. linguished By: Bry water Fresh water Marikor back ETZ White Studios Ber Donahud (575) 393-2326 FAX (575) 393-2476 Schward Farms Well #1 Sample I.D. Fax #: Date: Project Owner. State: NM Zip: 88241 (G)RAB OR (C)OMP Received By: NN ~ # CONTAINERS C GROUNDWATER WASTEWATER SOIL OIL SLUDGE P.O. #: OTHER Company ACID/BASE PRESERV ICE / COOL BILL TO Zip: 6221 9:40 6221 9:47 DATE SAMPLING Works Results | D Yes | D No | Add Phone 8:
All Results are emailed. Please provide Email address:

April M Schudzek | Gmail. Com
REMARKS: Turnaround Time: Anion Carion Standard ANALYSIS REQUEST Bacteria (only) Sample Condition
Cool Intact Observed Temp. "C

Ves Ves
No Corrected Temp. "C

Sampler) UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. °C 8.4 Corrected Temp. °C

Sample Condition
Cool Intact
Tyes Tyes
No 11 No

CHECKED BY: (Initials) 4

Thermometer ID #113 Correction Factor None

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 10 of 10



January 10, 2022

BEN DONAHUE

ETZ WATER STATION

PO BOX 6056

HOBBS, NM 88241

RE: SCHUBERT

Enclosed are the results of analyses for samples received by the laboratory on 12/17/21 12:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab.accredited.texts.gov/field/ga/lab.a

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method BPA 552.2 Total Haloacetic Acids (HAA-5)
Method BPA 524.2 Total Trihalomethanes (TTHM)
Method BPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERTFARMS #1 WATER SAMPI 10-Jan-22 12:15

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FRESH WATER	H213654-01	Water	17-Dec-21 08:30	17-Dec-21 12:22
BRINE WATER MONITOR WELL	H213654-02 H213654-03	Water Water	17-Dec-21 08:35 17-Dec-21 08:50	17-Dec-21 12:22 17-Dec-21 12:22

Cardinal Laboratories *=Accredited Analyte

RANG NOTE: Unlike and Designs. Cardina's biolity and clear's exclusive exemply for any dates arising, whether based in custood or tast, dual be listed to the amount part by client for analyses. All dates, exclusing those for neighbours any other consent shall be designed unliked unliked unliked unliked to the spikeline service. In no exect dual Cardina' be listed for consequental damage including, without listed to, the spikeline service. In no exect dual Cardina' be listed for consequental damage including, without listed to, the spikeline service. In no exect dual Cardina' be listed for consequential damage in the spikeline service and the spikeline service. In no exect dual Cardina' be listed to the performance of the written be formed to the performance of the written between the spikeline service. The spikeline service and only of the skine dated incomes or distinct.

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Celey D. Keene, Lab Director/Quality Manager

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ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERTFARMS #1 WATER SAMPI 10-Jan-22 12:15

PO BOX 6056 Project Number: SHUBERTFARMS #1 WAT HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

FRESH WATER H213654-01 (Water)

			****		,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardi	nal Laborato	ries					
Inorganic Compounds										
Alkalinity, Bicarbonate	322		5.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
Chloride*	276		4.00	mg/L	1	1121717	GM	20-Dec-21	4500-C1-B	
Conductivity*	1610		1.00	umhos/cm @ 25℃	1	1121716	GM	17-Dec-21	120.1	
pH*	7.74		0.100	pH Units	1	1121716	GM	17-Dec-21	150.1	
Temperature °C	21.5			pH Units	1	1121716	GM	17-Dec-21	150.1	
Sulfate*	160		25.0	mg/L	2.5	1122003	AC	20-Dec-21	375.4	
TDS*	976		5.00	T.gm	1	1120903	AC	20-Dec-21	160.1	
Alkalinity, Total*	264		4.00	T/gm	1	1120308	AC	20-Dec-21	310.1	
			Green An	alytical Labo	ratories					
Total Recoverable Metals by	ICP (E200.7)									
Calcium*	123		0.100	Tym.	1	B213157	JDA	05-Jan-22	EPA200.7	
Magnesium*	24.2		0.100	mg/L	1	B213157	JDA	05-Jan-22	EPA200.7	
Potassium*	12.6	0.183	1.00	mg/L	1	B213157	JDA	05-Jan-22	EPA200.7	
Sodium*	153		1.00	mg/L	1	B213157	JDA	05-Jan-22	EPA200.7	

Cardinal Laboratories *=Accredited Analyte

RESE NOTE: Liability and Danages. Cardinal's liability and client's exclusive excessly for any dates arising, whether based in custood or tast, shall be listed to the amount part by client for analyses. All dates, including those for engigence at any other consented and the descend seased when make its vertical and contained to the applicable senters. In no exect shall Cardinal the liability or consequently damage including, without institute, business interruptions, loss of use, or loss of pushs instituted by disking, without institute, business interruptions, loss of use of pushs instituted by disking, the disking in a support of the analysis of or instead to the performance of the written behavior by Cardinal, impediess of whether an disking loss may of the above disking loss and recovers or disking the samples interface.

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Celey D. Keene, Lab Director/Quality Manager

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ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERTFARMS #1 WATER SAMPI 10-Jan-22 12:15

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

BRINE WATER H213654-02 (Water)

			Heis	9054-02 (Wat	er)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardi	nal Laborato	ries					
Inorganic Compounds										
Alkalinity, Bicarbonate	317		5.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
Alkalinity, Carbonate	<1.00		1.00	T.sm	1	1120308	AC	20-Dec-21	310.1	
Chloride*	176000		4.00	mg/L	1	1121717	GM	20-Dec-21	4500-C1-B	
Conductivity*	270000		1.00	umhos/cm @ 25°C	1	1121716	GM	17-Dec-21	120.1	
pH*	6.73		0.100	pH Units	1	1121716	GM	17-Dec-21	150.1	
Temperature °C	21.6			pH Units	1	1121716	GM	17-Dec-21	150.1	
Sulfate*	8040		1250	mg/L	125	1122003	AC	20-Dec-21	375.4	
TDS*	296000		5.00	mg/L	1	1120903	AC	20-Dec-21	160.1	
Alkalinity, Total*	260		4.00	T/gm	1	1120308	AC	20-Dec-21	310.1	
			Green An	alytical Labo	ratories					
Total Recoverable Metals by	ICP (E200.7)									
Calcium*	708		20.0	T.gm	200	B213157	JDA	05-Jan-22	EPA200.7	
Magnesium*	148		20.0	mg/L	200	B213157	JDA	05-Jan-22	EPA200.7	
Potassium*	176	36.6	200	mg/L	200	B213157	JDA	05-Jan-22	EPA200.7	
Sodium*	100000		500	mg/L	500	B213157	JDA	06-Jan-22	EPA200.7	

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PAINS NOTE: Under and Disrups. Cardiou's biolity and clear's exclusive monely for any dam nature, whether based in contact or tast, dual be listed to the amount paid by check for analyses. All dates, including those for neighbour any other cases whether shall be desired motion to contact the contact of the applicable senter. In no next dual Cardiou lie biolie for including whole of program of the applicable senter. In no next dual Cardiou lie biolie for including whole for including, which will be applicable senter. In no next dual Cardiou lie biolie for including whole for including which is performance of the written beautiful by clearly including which is a large query of the above that increases of the written beautiful by clearly included above. The report dual rule is performance of the written approach of cardious (all rules) and the contraction of the sentence of the written approach of cardious (all rules) and the cardious and the sentence of the written approach of cardious (all rules) and the cardious and the cardiou

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Celey D. Keene, Lab Director/Quality Manager

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MONITOR WELL

			H213	3654-03 (Wat	er)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardi	inal Laborato	ries					
Inorganic Compounds										
Alkalinity, Bicarbonate	259		5.00	Agm.	1	1120308	AC	20-Dec-21	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
Chloride*	364		4.00	mg/L	1	1121717	GM	20-Dec-21	4500-C1-B	
Conductivity*	1970		1.00	umhos/cm @ 25°C	1	1121716	GM	17-Dec-21	120.1	
pH*	7.42		0.100	pH Units	1	1121716	GM	17-Dec-21	150.1	
Temperature °C	21.7			pH Units	1	1121716	GM	17-Dec-21	150.1	
Sulfate*	264		50.0	T.sm	5	1122003	AC	20-Dec-21	375.4	
TDS*	1160		5.00	mg/L	1	1120903	GM	21-Dec-21	160.1	
Alkalinity, Total*	212		4.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
			Green An	alytical Labo	ratories					
Total Recoverable Metals by I	CP (E200.7)									
Calcium*	182		2.50	T _{Sm}	25	B213157	JDA	05-Jan-22	EPA200.7	
Magnesium*	50.7		2.50	mg/L	25	B213157	JDA	05-Jan-22	EPA200.7	
Potassium*	5.36	4.58	25.0	mg/L	25	B213157	JDA	05-Jan-22	EPA200.7	J
Sodium*	127		25.0	T.gm	25	B213157	JDA	05-Jan-22	EPA200.7	

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Celey D. Keene, Lab Director/Quality Manager

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ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERTFARMS #1 WATER SAMPI 10-Jan-22 12:15

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1120308 - General Prep - Wet Chem										

Blank (1120308-BLK1)				Prepared & Analyzed: 03-Dec-21
Alkalinity, Carbonate	ND	1.00	mgL	

Alkalimity, Bicarbonate	5.00	5,00	mg/L						
Alkalinity, Total	4.00	4.00	mgL						
LCS (1120308-BS1)				Prepared & Ana	lyzed: 03-Dec-21				
Alkalinity, Carbonate	ND	2.50	mgL			80-120			
Alkalinity, Bicarbonate	292	12.5	mgL			80-120			
Alkalinity, Total	240	10.0	mgL	250	96.0	80-120			
LCS Dup (1120308-BSD1)				Prepared & Ana	lyzed: 03-Dec-21				
Alkalinity, Carbonate	ND	2.50	mgL			80-120		20	
Albalinity Disarbonate	305	12.5	moff			80,120	4 19	20	

Batch 1120903 - Filtration

Alkalinity, Total

Blank (1120903-BLK1)				Prepared: 09-Dec-21 Analyzed: 13-Dec-21
TDS	ND	5,00	mg/L	
T.CS (1120003 PS1)				Personal 00 Pers 21 Applicate 12 Pers 21

LCS (1120903-BS1)			Prepared: 09-D	Oct-21 Analyzed: 13-Dec-21	
TDS	523	mgL	500	105 80-120	

Duplicate (1120903-DUP1)	Source: 1	H213532-	06	Prepared: 09-Dec-21 Analyzed: 13-Dec-21		
TDS	613	5,00	mg/L	591	3.65	20

Batch 1121716 - General Prep - Wet Chem

LCS (1121716-BS1)		P	repared & A	Analyzed: 17-Dec-21
Conductivity	105000	uS/em	100000	105 80-120
pH	7.11	pH Units	7.00	102 90-110

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERTFARMS #1 WATER SAMPI 10-Jan-22 12:15

HOBBS NM, 88241 Project Manager: BEN DONAHUE

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch	1121716 -	General	Prep -	Wet Chem	ı
			_		-

Duplicate (1121716-DUP1)	Sour	rce: H213653-01	Prepared & Analyzed: 17-Dec-21			
Conductivity	1610	1.00 umhos/cm @	1630	1.17	20	
		25°C				
pH	7.47	0.100 pH Units	7.44	0.402	20	
Temperature °C	21.3	pH Units	21.2	0.471	200	

Batch 1121717 - General Prep - Wet Chem

Blank (1121717-BLK1)				Prepared & Ans	slyzed: 17-Dec-21				
Chloride	ND	4,00	mg/L						
LCS (1121717-BS1)				Prepared & Ana	ilyzed: 17-Dec-21				
Chloride	100	4.00	mg/L	100	100	80-120			
LCS Dup (1121717-BSD1)		Prepared & Analyzed: 17-Dec-21							
Chloride	104	4,00	mg/L	100	104	80-120	3.92	20	

Batch 1122003 - General Prep - Wet Chem

Ditta 111100 Other in 110 Interest	_								
Blank (1122003-BLK1)				Prepared & Ans	ilyzed: 20-Dec-21				
Sulfate	ND	10.0	mgL						
LCS (1122003-BS1)				Prepared & Ana	lyzed: 20-Dec-21				
Sulfate	22.4	10.0	mg/L	20.0	112	80-120			
LCS Dup (1122003-BSD1)				Prepared & Ana	lyzed: 20-Dec-21				
Sulfate	23.1	10.0	mgL	20,0	116	80-120	3.21	20	

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Analytical Results For:

ETZ WATER STATION Project: SCHUBERT Reported:
PO BOX 6056 Project Number: SHUBERTFARMS #1 WATER SAMPI 10-Jan-22 12:15
HOBBS NM, 88241 Project Manager: BEN DONAHUE
Fax To:

Total Recoverable Metals by ICP (E200.7) - Quality Control

Green Analytical Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B213157 - Total Rec. 200.7/200.8/200	.2									
Blank (B213157-BLK1)				Prepared: 2	8-Dec-21	Analyzed: 0	5-Jan-22			
Magnesium	ND	0.100	mgL							
Calcium	ND	0.100	mgL							
Sodium	ND	1.00	mgL							
Potassium	ND	1.00	mgL							
LCS (B213157-BS1)				Prepared: 2	8-Dec-21	Analyzed: 0	5-Jan-22			
Sodium	3.15	1.00	mgL	3.24		97.1	85-115			
Potassium	7.86	1.00	mgL	8.00		98.3	85-115			
Magnesium	20.2	0.100	mgL	20,0		101	85-115			
Calcium	3.93	0.100	mgL	4.00		98.3	85-115			
LCS Dup (B213157-BSD1)			Prepared: 28-Dec-21 Analyzed: 05-Jan-22							
Magnesium	20.2	0.100	mgL	20.0		101	85-115	0.397	20	
Potassium	7.86	1.00	mg1.	8.00		98.2	85-115	0.0388	20	
Sodium	3.14	1.00	mgL	3.24		96.8	85-115	0.252	20	
Calcium	3.93	0.100	mg/L	4.00		98.3	85-115	0.00694	20	

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RESEL NOTE: Liability and Danages. Certificials liability and clients exclusive excessly for any date rating, whether based in certaint or tast, dual be listed to the amount part by client for analyses. All dates, exclusing those for negligeous are any other consended and selected search of the second search of the second

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Samples not received at proper temperature of 6°C or below.
•••	Insufficient time to reach temperature.

Estimated conentration. Analyte concentration between MDL and RL.

Chloride by SM4500Cl-8 does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

AND THE PARTY OF T
\\ \(\hat{k}\)
Cation
FAX # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: PRESERV ACIDIBASE: ICE / COOL OTHER: DATE SAMPLING

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Corrected Temp. °C 0,5

Sample Condition
Cool Intact
Cool Intact
Yes Yes
No No No

CHECKED BY:

Turnaround Time:
Thermometer ID #113
Correction Factor -0.5°C

Standard Rush

Bacteria (only) Sample Condition
Gool Intact Observed Temp. "C

Test Yes
No Corrected Temp. "C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Date: 17-24

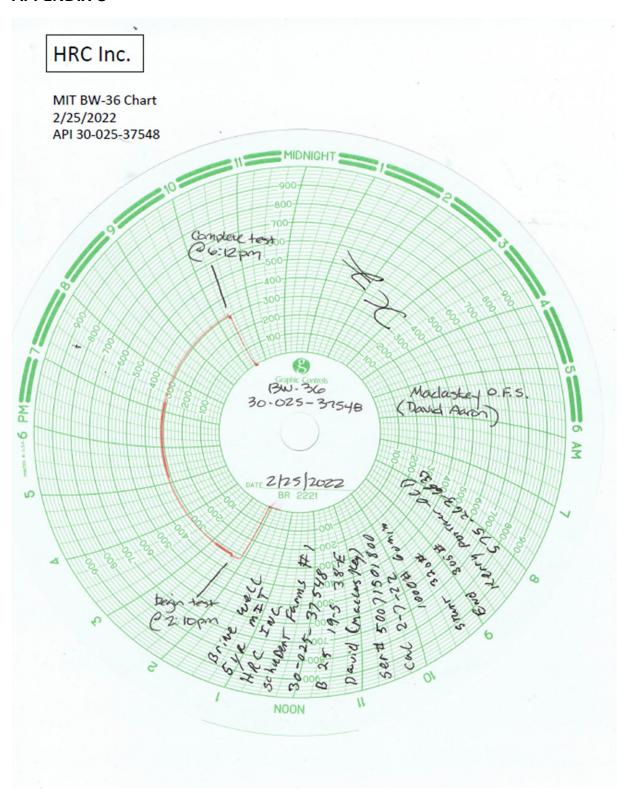
No Add Phone #: No Add Phone #: North Results are emailed. Please grovide Email address:

Received By:

Time:

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APPENDIX C



BW-36

API # 30-025-37548

2/25/2022 MIT Test

2/25/2022

8:00 AM: Rig up Maclaskey Oil Field Service (David Aaron); Shut in discharge @ casing & begin pumping down tubing to reach test pressure. Well required approx. 260 bbl. pumped down tubing to bring cavern pressure from normal working pressure (approx. 245 psig) to cavern test pressure (approx. 318 psig).

2:00 PM: Install chart on chart recorder; open valve to chart recorder & isolate chart recorder from pump truck.

2:10 PM: Begin Test (cavern pressure approx. 318 psig)

6:12 PM: Complete Test (cavern pressure approx. 309 psig); bleed pressure off of chart recorder

6:30 PM: Rig down/release Maclaskey Pump Truck

7:20 PM: Open casing to production tanks and bleed off pressure overnight

2/26/2022

8:15 AM: Put well back on production (cavern pressure approx. 240 psig)

^{*}Chart recorder was set on 12 hour clock setting, see American Valve certification page for chart recorder calibration.

American Valve & Meter, Inc.

1113 W. BROADWAY

P.O. BOX 166 HOBBS,NM 88240

T0: Maclaskey Oilfield Services DATE: 2/7/22

This is to certify that:	
I, Justin Harris , Technician for Americ	an Valve & Meter Inc. Has checked the
calibration of the following instrument.	
08"_Pressure recorder	S/N: 50071501800
at these points.	
Pressure #1000	Temperature *or Pressure #

Test	Found	Left	Test	Found	Left
- 0	-	- 0	- '		-
- 500	-	- 500	-	-	-
- 700	-	- 700	-	-	-
- 1000	-	- 1000	-	-	-
- 200		- 200	-	-	-
- 0	-	- 0			

Remarks:	

Signature: /

Delection 1-073 1994-50 Section 1994-50 Delection 1994	Submit 1 Copy To Appropriate District Office	State of New Mexico	Form C-103		
SILE CONSTRUCTION OF COMMENCE TYPE OF Lease Construction		Energy, Minerals and Natural Resources	WELL API NO. 30-025 - 31549		
100 Reb Brazos Ed. Aute. NM 8740 Santa Fe, NM 87505 Santa Fe, NM 97505 Santa Fe, NM 9	811 S. First St., Artesia, NM 88210				
120 S. S. Francis Dr., Sanda Fe, NM S. 1975	1000 Rio Brazos Rd., Aztec, NM 87410		STATE FEE		
DONOT USE THIS FORM FOR PROPOSALS TO DRELPES OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENT PRESENT PRESENTING TO BESTER OR PLUG BACK TO A DIFFERENT PRESENT PRESENT PRESENT BACK TO BESTER OR PLUG BACK TO BESTER OR PL	1220 S. St. Francis Dr., Santa Fe, NM	Santa Pe, NW 87505			
DIFFERENT RESIZEVOIR. USE "APPLICATION FOR PERMIT" (FORM C-10) FOR SUCH			7. Lease Name or Unit Agreement Name		
2. Name of Operator HeC Tac. 3. Address of Operator P.O. Fibral 5102 Hobbs, NA 8824{ 4. Well Location Unit Letter Section 25 Township 4-5 Range 38-6 NMPM County Lea 11. Elevation (Show whether DR RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING OPNS PAND A LITERING CASING COMMENCE BRILLING OPNS PAND A LITERING CASING COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB CASIN	DIFFERENT RESERVOIR. USE "APPLIE	SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A CATION FOR PERMIT* (FORM C-101) FOR SUCH			
3. Address of Operator P.O. Rou 5 to 2 Hobbs, N.M. 8824{ 4. Well Location Unit Letter B: 330 feet from the N line and 1650 feet from the County Lea 11. Elevation (Show whether DR. RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS PAND A COUNTY LEA NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS PAND A COUNTY LEA NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS PAND A COUNTY LEA NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS PAND A COUNTY LEA OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS PAND A COMMENCE DRILLING OPNS PAND A COUNTY LEA OTHER: OTHER: OTHER COUNTY LEA OTHER: OTHER COUNTY LEA OTHER: OTHER COUNTY LEA IS DESCRIBE Proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed completion or recompletion. Referenced S-tear MtT on Brue Well **SEE ATTRUED WORKOVER PROCEDURE COUNTY REPORT OF MULTIPLE COUNTY R	1. Type of Well: Oil Well	Gas Well Other Brine Well			
3. Address of Operator P.O. Fact 5102 Hobbs, N.M. 8824{ 4. Well Location Unit Letter B: 330 feet from the N line and 1650 feet from the Section 25 Township N2-5 Range 38-E NMPM County Lea 11. Elevation (Show whether DR. RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND BANDON CHANGE PLANS COMMENCE ORILLING OPNSE PAND A CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Performed 5 Lear MLT on Brue Well **SEE ATTICLED WORKONER PROCEDURE COMPLETION REPORT Type or print name Carl M Sandar E-mail address gar machina Repress). PHONE: 3413-164622 Type or print name Carl M Sandar E-mail address gar machina Repress). PHONE: 3413-164622 Type or print name Carl M Sandar E-mail address gar machina Repress). PHONE: 3413-164622 TITLE DATE DATE	2. Name of Operator HRC Inc.				
4. Well Location Unit Letter B: 330 feet from the N line and 1630 feet from the E line Section 25 Township 14-5 Range 38-E NMPM County Lea 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Performed 5 Lear AUT on Brice Well **SEE ATTACHED WORKOVER PROCEDURE COMPRETION REPORT Type or print name Completed Operations E-mail address gay machina (Grand). PHONE: 343-44662 Type or print name Complete Completions. E-mail address gay machina (Grand). PHONE: 343-44662	3. Address of Operator		10. Pool name or Wildcat		
Unit Letter B: 330 feet from the No line and 1650 feet from the E line Section 25 Township N2-5 Range 38-E NMPM County Lea 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUS AND ABANDON COMMENCE DRILLING OPNS ALTERING CASING COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB CASING/CEMENT JOB TOTHER: OTHER: OTHER:		Hobbs, NM 88241	Salado		
Section 25 Township N4-5 Range 38-E NMPM County Lea		330 fact from the A line and	Maso susando E II		
11. Elevation (Show whether DR RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS P AND A PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB P AND A PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB P AND A CASING/CEMENT JOB P AND A OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed completion or recompletion. Performed Stear MT on Brice Well **SEE ATTICLED WORKOVER PROCEDURE & COMPRETION REPORT Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE AMAN Souther TITLE DATE PHONE: Manual Phone:					
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS P AND A DULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS P AND A CASING/CEMENT JOB CASING/CEMENT JOB OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Performed 5-tear MTT on Brue Well **SEE ATTICLED WORKOVER PROCEDURE COMPRETION REPORT Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Release Date: DATE 2/25 2022 Type or print name DATE PHONE: 333-66662 For State Use Only APPROVED BY: TITLE DATE DATE DATE			The state of the s		
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS P AND A DULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS P AND A CASING/CEMENT JOB CASING/CEMENT JOB OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Performed 5-tear MTT on Brue Well **SEE ATTICLED WORKOVER PROCEDURE COMPRETION REPORT Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Release Date: DATE 2/25 2022 Type or print name DATE PHONE: 333-66662 For State Use Only APPROVED BY: TITLE DATE DATE DATE					
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PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB COUNTY COMMINGLE COMMINGLE COMMINGLE COMMINGLE CONTROLLOOP SYSTEM OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Performed 5 + ear MIT on Brue Well **SEE ATTACLED WORKOVER PROCEDURE & CONTROLLOW REPORT Spud Date: Rig Release Date: I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE	PERFORM REMEDIAL WORK	_			
DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER:					
CLOSED-LOOP SYSTEM OTHER: OT		MULTIPLE COMPL	NT JOB 🔲		
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Performed 5 +ear MtT on Brice Well **SEE ATTACLED WORKOVER PROCEDURE & COMPRETION REPORT Spud Date: Rig Release Date: I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE & DATE 2125 72022 Type or print name Gory M Sorubra E-mail address; gay machines & Garral. PHONE: 343-60462 For State Use Only APPROVED BY: TITLE DATE					
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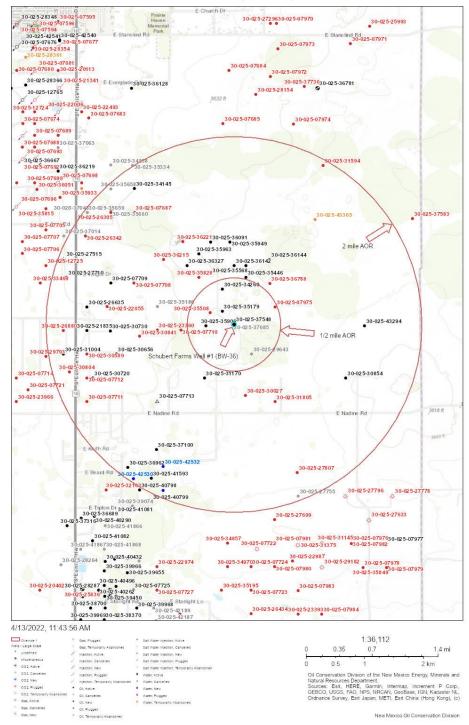
State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division Hobbs District Office

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Schubert Farms						Well No.	
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		Well State	us Br	ine W	oU		
TA'D WELL	YES SHUT-IN	INJ INJECTOR		PRODUCER		DATE	
	120	1143	SWD OIL		GAS 2-	25-22	
	G (4)	OBSERVED	DATA		NO	packer	
	(A)Surface	(B)Interm(1)	(C)Interm(2)	T.))Prod Csng	(E)Tubing	
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low Characteristics				a annecon L			
Puff	Y/10	Y/N	Y/1		Y / N	CO2	
Steady Flow	Y/0	Y/N	Y/N		Y/N	GAS	
Surges	Y/16	Y/N	Y / N		Y/N Y/N		
Down to nothing	0 / N	Y/N		Y/N		Sejected for Waterflood if	
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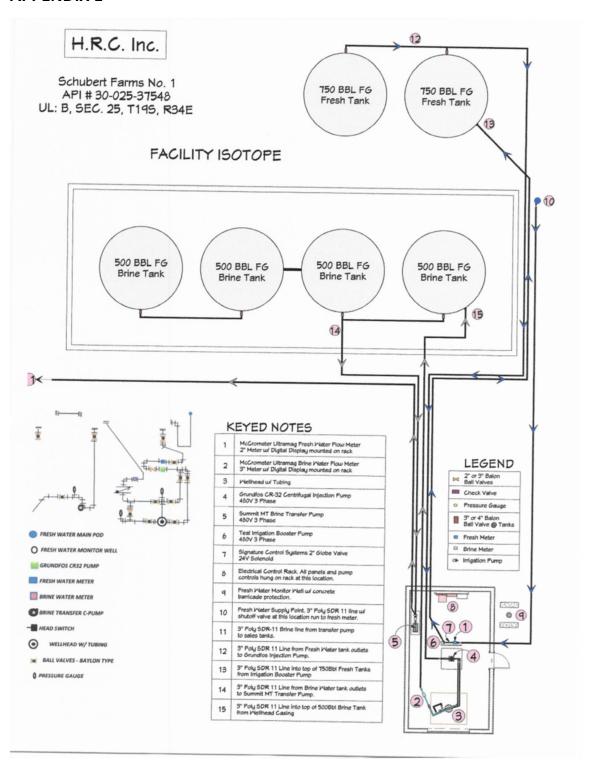
INSTRUCTIONS ON BACK OF THIS FORM

APPENDIX D

Schubert Farms Well #1 (BW-36) 1/2 & 2 Mi AOR

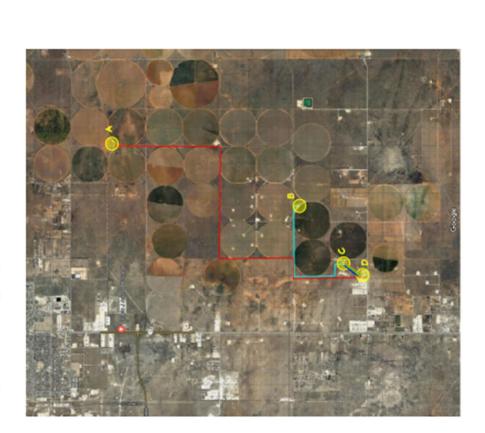


APPENDIX E



H.R.C. Inc.

Pipeline Overlay Map



Peanut Shed Storage Battery 32.628787, -103.111053

V

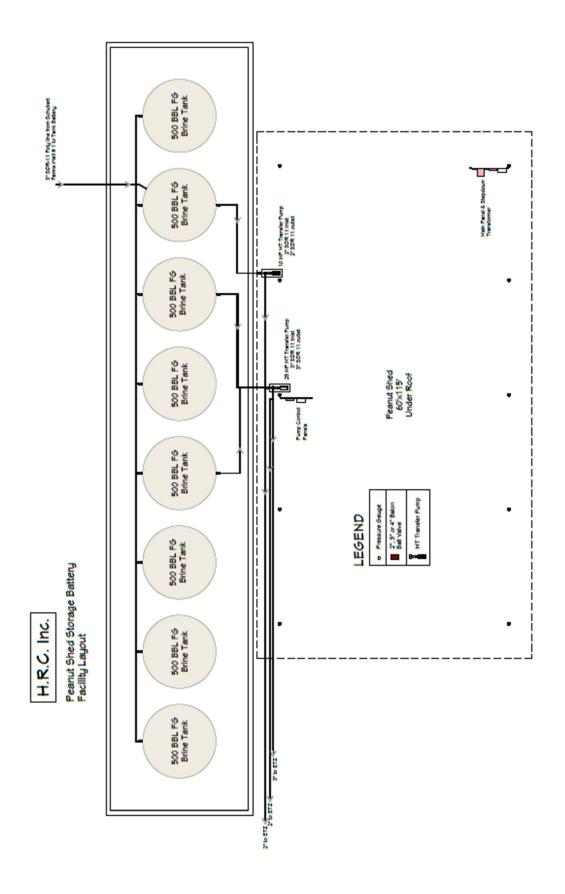
Schubert 7 Well # 1 32.673935, -103.083677

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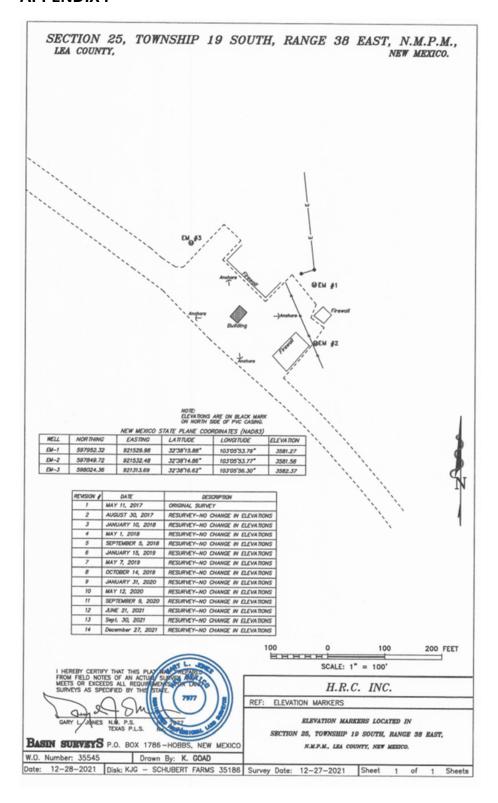
Schubert Farms Well # 1 32.637603, -103.098728

B

ETZ Water Station 32.6240TT, -103.11362T	3" SDR 11 Poly pipeline from Schubert 7 Well # 1 to ETZ Water Station	3" SDR 11 Poly pipeline from Schubert Farms Well # 1 to Peanut Shed Storage Battery	3" SDR 11 Poly pipeline from transfer pump at Peanut Shed to ETZ Mater Station	2" SDR 11 Poly pipeline from transfer pump at Peanut Shed to ETZ Mater Station	2" SDR 11 Poly pipeline from transfer pump at Peanut Shed to ETZ Water Station	
Ω						



APPENDIX F



APPENDIX G

