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Final Closure Report

Grizzly Operating, LLC
Skelly Q, R & S Battery
Lea County, New Mexico
Unit Letter "P", Section 36, Township 16 South, Range 36 East
Latitude 32.87238 North, Longitude 103.30268 West
NMOCD Incident # NRM2003849891

Prepared For:

Grizzly Operating, LLC
4001 Penbrook, Suite 201
Odessa, TX 79762

Prepared By:

Hungry Horse, LLC
4024 Plains Hwy
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August 2020

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HUNGRY HORSE, LLC

The following *Final Closure Report* serves as a condensed update on field activities undertaken at the afore referenced Site.

Background:

The site is located in Unit Letter P (SE/SE), Section 36, Township 16 South, Range 36 East, approximately 5.7 miles south west of Lovington, in Lea County, New Mexico. The property is owned by the Bureau of Land Management. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active tank battery; latitude 32.87238 North, Longitude 103.30268 West. The initial NMOCD Form C-141 indicated that on January 31, 2020, approximately 12 bbls of crude oil was released with 10 bbls recovered. The release was attributed to a hole in a steel connection causing fluid to release in an unlined containment. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. The Closure page of the NMOCD Form C-141 are included as Attachment V.

The fluid was contained within the tank battery containment berms. The release area measures approximately 1,800 sq. ft.

NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is located in a Low Karst designated area. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 1 & 2.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
51' – 100'	Chloride	EPA 300.0 or SM4500 CLB	10,000 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2,500 mg/kg
	DRO + GRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg

Regulatory Approval:

On July 16, 2020, a Remediation Work Plan was submitted to the NMOCD. The report proposed a remediation strategy designed to progress the site toward approved closure. The Remediation Work Plan was approved on August 19, 2020 and is available on the NMOCD imaging system.

Please refer to the Remediation Work Plan for details regarding the site and proposed remediation activities.

Remediation Activities:

On August 24, 2020, remediation activities commenced on location. In accordance with the approved work plan, impacted soil in the unlined containment was excavated to a depth of approximately two (2) ft. bgs and transported to an NMOCD approved disposal facility. After removal of impacted soil, fifteen (15) composite confirmation soil samples, BH1 through BH9, and SW1 through SW6, were collected and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

An Excavation Sample Location Map is provided as Figure 4, and Field data is provided as Attachment III. A Summary of Soil Sample Field and Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment IV.

The excavation area measured approximately 93 ft. in length, 16 ft. to 38 ft. in width, and two feet in depth. During remediation activities approximately 160 cubic yards of impacted soil were hauled to an NMOCD approved disposal facility.

Restoration, Reclamation, and Re-Vegetation:

The area was then backfilled with clean, non-impacted, like material and brought back to at, or near, original relative positions. The affected area was contoured to achieve erosion control and preserve surface water flow. Affected areas not on production areas will be reseeded with an approved seed mixture during the first favorable growing season following closure of the site.

Closure Request:

Remediation activities were conducted in accordance with applicable NMOCD Regulations. The impacted soil was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from composite confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results and field activities conducted to date, Hungry Horse recommends Grizzly Operating, LLC provide copies of this *Final Closure Report* to the appropriate agencies and request closure be granted to the Skelly Q, R & S Battery.

Limitations:

Hungry Horse, LLC, has prepared this Site Assessment and Remediation Work Plan to the best of its ability. No other warranty, expressed or implied, is made or intended. Hungry Horse has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Hungry Horse has not conducted an independent examination of the facts contained in referenced materials and statements. Hungry Horse has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Hungry Horse notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

Distribution:

Grizzly Operating, LLC
4001 Penbrook, Suite 201
Odessa, TX 79762

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, NM 88240

Figures

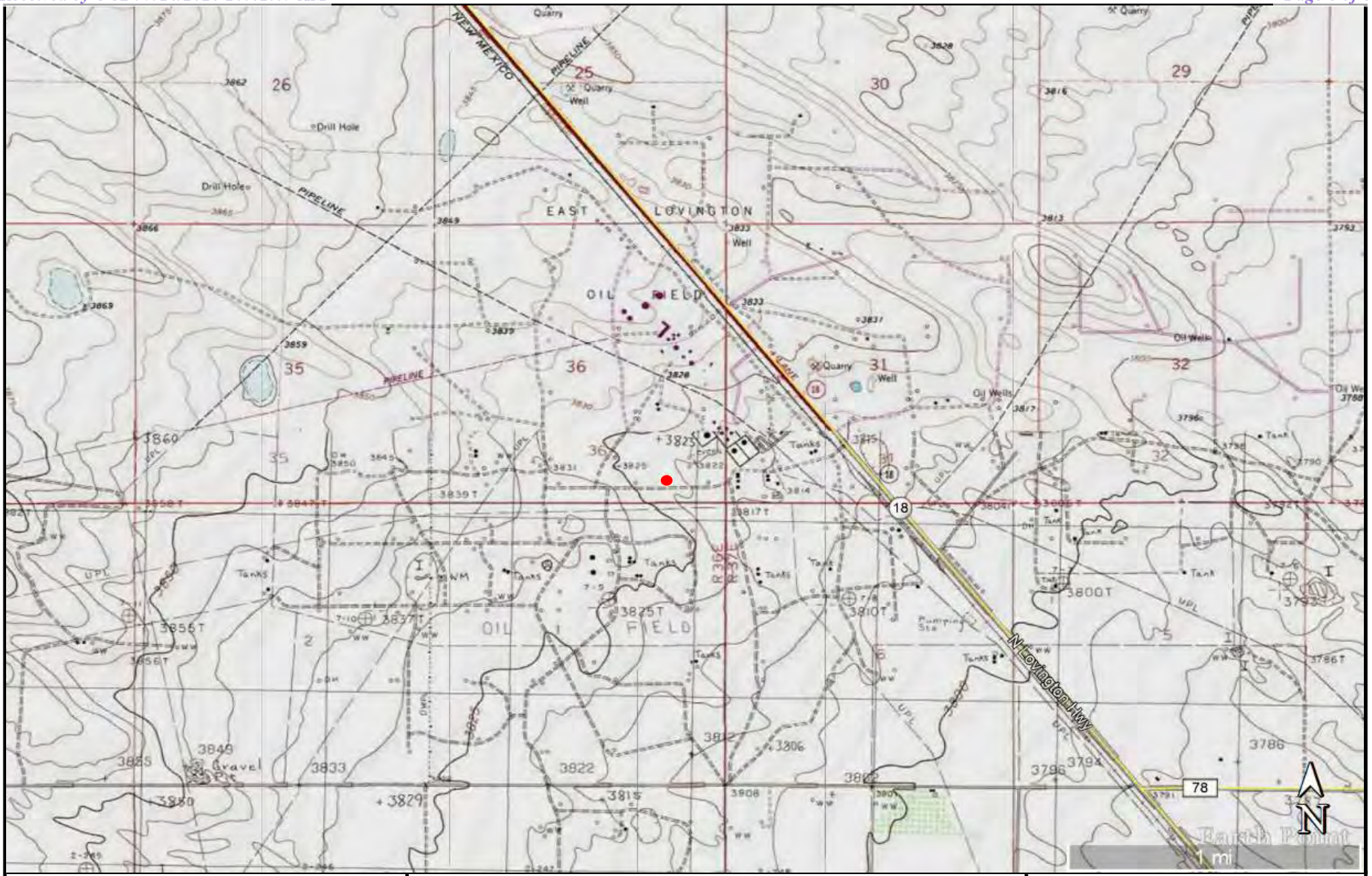


Figure 1
Topographic Map
Grizzly Operating, LLC
Skelly Q, R, & S Battery
GPS: 32.872517, -103.302754
Lea County

Legend:

- Skelly Q, R, & S Battery Location

Drafted: lmn
Checked: dd
Date: 6/15/20

Hungry-Horse, LLC
Oil & Gas Services

Figure 2
OSE POD Locations Map
Grizzly Operating, LLC
Skelly Q, R, & S Battery
GPS: 32.872517, -103.302754
Lea County

Legend:
- Skelly Q, R, & S Battery location
- OSE Active Well
- OSE Pending Well
- OSE Plugged Well

Drafted: lmn
Checked: dd
Date: 6/15/20

Hungry-Horse, LLC
Oil & Gas Services

Figure 3
USGS Well Locations Map
Grizzly Operating, LLC
Skelly Q, R, & S Battery
GPS: 32.872517, -103.302754
Lea County

Legend:

- Skelly Q, R, & S Battery location
- USGS Well Location

Drafted: lmn
Checked: dd
Date: 6/15/20

Hungry-Horse, LLC
Oil & Gas Services

Figure 4
Excavation Sample Location Map
Grizzly Operating, LLC
Skelly Q, R, & S Battery
GPS: 32.872517, -103.302754
Lea County

Legend:
SP1 Sample Location
Excavated Area

Drafted: lmn
Checked: dd
Date: 8/25/20

Hungry-Horse, LLC
Oil & Gas Services

Tables

TABLE 1
Summary of Soil Sample Field and Laboratory Analytical Results
Grizzly Operating, LLC
Skelly Q, R, & S Battery
NMOCD Incident # NRM2003849891

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
SP1	2/25/20	8	In-Situ	160	ND	ND	ND	27.5	27.5	ND	27.5	ND
SP2	2/25/20	8	In-Situ	80	ND	ND	ND	ND	ND	ND	ND	ND
SP3	2/25/20	8	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP4	2/25/20	8	In-Situ	160	ND	ND	ND	318	318	237	555	ND
SP5	2/25/20	8	In-Situ	240	ND	ND	ND	732	732	544	1,276	41.5
SW1	2/25/20	2	In-Situ	320	ND	ND	ND	65.2	65.2	66.2	131.4	46.5
SW2	2/25/20	2	In-Situ	80	ND	ND	ND	ND	ND	ND	ND	644
SW3	2/25/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SW4	2/25/20	2	In-Situ	320	ND	ND	ND	ND	ND	ND	ND	650
BH1	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
BH2	8/25/20	2	In-Situ	-	ND	ND	ND	31.9	31.9	ND	31.9	ND
BH3	8/25/20	2	In-Situ	-	ND	ND	ND	34.4	34.4	ND	34.4	ND
BH4	8/25/20	2	In-Situ	-	ND	ND	ND	31.4	31.4	ND	31.4	ND
BH5	8/25/20	2	In-Situ	-	ND	ND	ND	31.6	31.6	ND	31.6	23.1
BH6	8/25/20	2	In-Situ	-	ND	ND	ND	32	32	ND	32	23
BH7	8/25/20	2	In-Situ	-	ND	ND	ND	47.1	47.1	ND	47.1	ND
BH8	8/25/20	2	In-Situ	-	ND	ND	ND	39.3	39.3	ND	39.3	ND
BH9	8/25/20	2	In-Situ	-	ND	ND	ND	42.2	42.2	ND	42.2	ND
SW1	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
SW2	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
SW3	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
SW4	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
SW5	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
SW6	8/25/20	2	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
NMOCD Closure Criteria				**-**	**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**10,000**

NOTES:
- = Sample not analyzed for that constituent.
Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Site Photographs

Photographs

Photo #1 **Direction** South **Description** Point of release	

Photo #2 **Direction** South **Description** View across release area	

Photographs

Photo #3 **Direction** West **Description** View across release area	

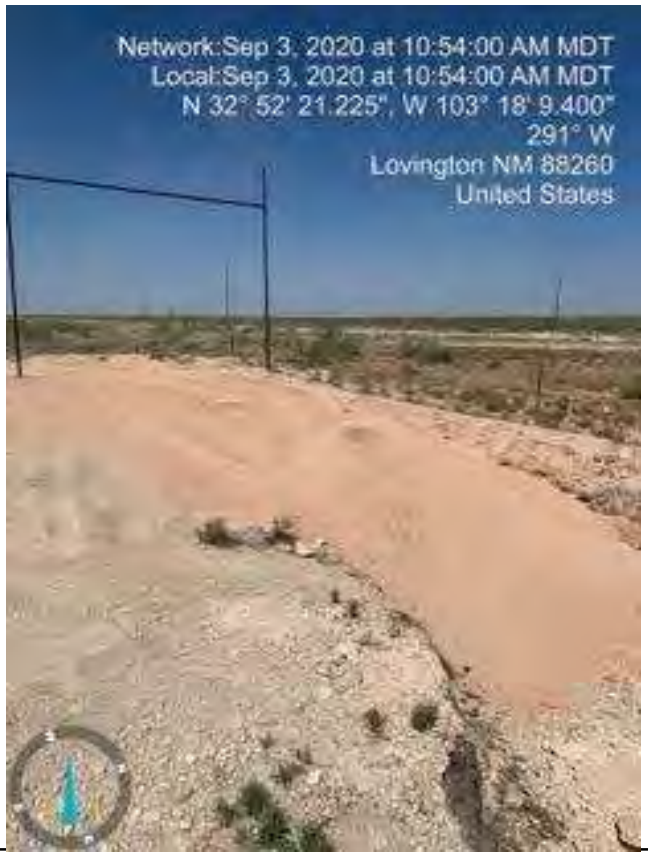
Photo #4 **Direction** East **Description** View across release area	

Photographs

Photo #5 **Direction** North **Description** Excavation of release area	
Photo #6 **Direction** North **Description** Excavation of release area	

Photographs

Photo #7 **Direction** West **Description** Backfilling the excavation	

Photo #8 **Direction** West **Description** Backfilling the excavation	

Photographs

Photo #9 **Direction** East **Description** Remediated site	
Photo #10 **Direction** Southeast **Description** Remediated site	

Attachment II
Depth to Groundwater Information

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	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 01371	L	LE	4	3	4	36	16S	36E	658603	3638389*	188	115	45	70
L 12562 POD4	L	LE	4	4	2	36	16S	36E	658584	3638296	243	121	106	15
L 01438	L	LE		3	4	36	16S	36E	658504	3638490*	288	110	45	65
L 14263 POD3	L	LE	4	4	4	01	17S	36E	658914	3638715	311	225		
L 02508	L	LE	2	2	2	01	17S	36E	659013	3638194*	327	120	40	80
L 02561	L	LE	3	3	3	31	16S	37E	659210	3638403*	424	137	50	87
L 13332 POD1	L	LE	1	3	3	36	16S	37E	659161	3638638	427	106	102	4
L 04988	L	LE		1	2	01	17S	36E	658510	3638089*	440	195	55	140
L 01350	L	LE		2	4	36	16S	36E	658901	3638899*	481	110	55	55
L 12562 POD12	L	LE	3	1	3	31	16S	37E	659166	3638783	517	109	94	15
L 01220 POD1	L	LE		3	3	31	16S	37E	659311	3638504*	529	120	55	65
L 12562 POD10	L	LE	2	2	4	36	16S	36E	659032	3638913	541	113	98	15
L 12562 POD1	L	LE	2	2	4	36	16S	36E	658908	3639001	582	120	105	15
L 12562 POD2	L	LE	2	2	3	36	16S	36E	659065	3638963	600	112	97	15
L 04058 POD2	L	LE	2	2	4	36	16S	36E	659000	3638998*	605	248	62	186
L 04058 S16	L	LE	2	2	4	36	16S	36E	659000	3638998*	605	235	62	173
L 12562 POD11	L	LE	2	4	2	01	17S	36E	658989	3637831	632	112	97	15
L 14377 POD3	L	LE	2	3	3	31	16S	37E	659423	3638586	654	115		
L 14228 POD2	L	LE	4	1	3	31	16S	37E	659351	3638764	655	120		
L 12562 POD3	L	LE	3	1	3	31	16S	37E	659316	3638878	692	108	93	15
L 12562 POD8	L	LE	2	2	4	36	16S	36E	658992	3639097	697	122	107	15
L 13332 POD2	L	LE	4	3	2	36	16S	36E	658677	3639129	707	120	104	16
L 12562 POD14	L	LE		2	2	36	16S	36E	658677	3639136	713	116	101	15
L 14377 POD4	L	LE	2	3	3	31	16S	37E	659492	3638571	718	120		
L 14377 POD1	L	LE	2	3	3	31	16S	37E	659484	3638621	722	118		
L 14377 POD2	L	LE	2	3	3	31	16S	37E	659504	3638600	737	120		

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

(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	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 01584 POD1	L	LE		2	1	01	17S	36E	658107	3638083*	763	110	48	62
L 04058 S26	L	LE	4	4	2	36	16S	36E	658993	3639200*	796	237		
L 14207 POD1	L	LE	3	3	2	01	17S	36E	658500	3637679	804	240	100	140
L 12562 POD6	L	LE	4	4	2	36	16S	36E	659001	3639212	809	124	109	15
L 12562 POD5	L	LE	3	3	1	31	16S	37E	659252	3639117	829	120	105	15
L 12562 POD7	L	LE	4	4	2	36	16S	36E	658912	3639266	844	122	107	15
L 14228 POD1	L	LE	3	4	2	36	16S	36E	658821	3639303	873	130		
L 04058 S23	L	LE		4	2	36	16S	36E	658894	3639301*	876	119	90	29

Average Depth to Water: **82 feet**

Minimum Depth: **40 feet**

Maximum Depth: **109 feet**

Record Count: 34

UTMNAD83 Radius Search (in meters):

Easting (X): 658786.9 **Northing (Y):** 3638431 **Radius:** 880

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

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 01371	4	3	4	36	16S	36E	658603	3638389*

Driller License:	46	**Driller Company:**	ABBOTT BROTHERS COMPANY		
Driller Name:	ABBOTT, CLYDE				
Drill Start Date:	02/22/1952	**Drill Finish Date:**	02/23/1952	**Plug Date:**	08/31/1953
Log File Date:	02/25/1952	**PCW Rcv Date:**	11/19/1953	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	115 feet	**Depth Water:**	45 feet

Water Bearing Stratifications:	Top	Bottom	Description
	45	115	Sandstone/Gravel/Conglomerate

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

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 01438	3	4		36	16S	36E	658504	3638490*

Driller License:	46	**Driller Company:**	ABBOTT BROTHERS COMPANY		
Driller Name:					
Drill Start Date:	05/05/1952	**Drill Finish Date:**	05/06/1952	**Plug Date:**	04/30/1954
Log File Date:	05/20/1952	**PCW Rcv Date:**	06/09/1958	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	110 feet	**Depth Water:**	45 feet

Water Bearing Stratifications:	Top	Bottom	Description
	44	110	Sandstone/Gravel/Conglomerate

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

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 02508	2	2	2	01	17S	36E	659013	3638194*

Driller License:	33	**Driller Company:**	TATUM CLAUDE E.		
Driller Name:	TATUM, CLAUDE E.				
Drill Start Date:	11/17/1954	**Drill Finish Date:**	11/20/1954	**Plug Date:**	
Log File Date:	11/26/1954	**PCW Rcv Date:**	08/15/1955	**Source:**	Shallow
Pump Type:	TURBIN	**Pipe Discharge Size:**		**Estimated Yield:**	115 GPM
Casing Size:	7.00	**Depth Well:**	120 feet	**Depth Water:**	40 feet

Water Bearing Stratifications:	Top	Bottom	Description
	40	120	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	60	120

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

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 02561	3	3	3	31	16S	37E	659210	3638403*

Driller License:	46	**Driller Company:**	ABBOTT BROTHERS COMPANY		
Driller Name:					
Drill Start Date:	03/02/1954	**Drill Finish Date:**	03/03/1954	**Plug Date:**	
Log File Date:	03/30/1954	**PCW Rcv Date:**	08/15/1955	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	137 feet	**Depth Water:**	50 feet

Water Bearing Stratifications:	Top	Bottom	Description
	45	75	Sandstone/Gravel/Conglomerate
	95	137	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	50	137

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

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: L 12562 **Subbasin:** L **Cross Reference:** -

Primary Purpose: MON MONITORING WELL

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 0 **Cause/Case:** -

Owner: NAVAJO REFINING COMPANY

Contact: STEVE TERRY

Owner: LEA REFINERY

Contact: STEVE TERRY

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	485041	EXPL	2010-05-19	PMT	LOG	PODS 1-15	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
L 12562 POD1		Shallow	2	2	4	36	16S	36E	658908	3639001	WW 18
L 12562 POD10		Shallow	2	2	4	36	16S	36E	659032	3638913	MW 19
L 12562 POD11		Shallow	2	4	2	01	17S	36E	658989	3637831	MW 20
L 12562 POD12		Shallow	3	1	3	31	16S	37E	659166	3638783	MW 21
L 12562 POD13		Shallow	2	4	2	36	16S	36E	658956	3639405	MW 28
L 12562 POD14		Shallow		2	2	36	16S	36E	658677	3639136	MW 17
L 12562 POD15		Shallow	4	1	2	36	16S	36E	658634	3639529	MW 15
L 12562 POD2		Shallow	2	2	3	36	16S	36E	659065	3638963	MW 23
L 12562 POD3		Shallow	3	1	3	31	16S	37E	659316	3638878	MW 22
L 12562 POD4		Shallow	4	4	2	36	16S	36E	658584	3638296	MW 16
L 12562 POD5		Shallow	3	3	1	31	16S	37E	659252	3639117	MW 24
L 12562 POD6		Shallow	4	4	2	36	16S	36E	659001	3639212	WW 26
L 12562 POD7		Shallow	4	4	2	36	16S	36E	658912	3639266	MW 27
L 12562 POD8		Shallow	2	2	4	36	16S	36E	658992	3639097	MW 25
L 12562 POD9		Shallow	1	4	4	25	17S	36E	658980	3630480	MW 29

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	0		MON		GW	

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 12562 POD4	4	4	2	36	16S	36E	658584	3638296

Driller License:	1210	**Driller Company:**	CASCADE DRILLING, LP		
Driller Name:	BRYAN NYDOSKE				
Drill Start Date:	05/24/2010	**Drill Finish Date:**	05/24/2010	**Plug Date:**	
Log File Date:	06/08/2010	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	121 feet	**Depth Water:**	106 feet

Water Bearing Stratifications:	Top	Bottom	Description
	0	5	Other/Unknown
	5	111	Sandstone/Gravel/Conglomerate

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 12562 POD12	3	1	3	31	16S	37E	659166	3638783

Driller License:	1210	**Driller Company:**	CASCADE DRILLING, LP		
Driller Name:	BRYAN NYDOSKE				
Drill Start Date:	05/21/2010	**Drill Finish Date:**	05/21/2010	**Plug Date:**	
Log File Date:	06/08/2010	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	109 feet	**Depth Water:**	94 feet

Water Bearing Stratifications:	Top	Bottom	Description
	0	5	Other/Unknown
	5	109	Sandstone/Gravel/Conglomerate

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 13332 POD1	1	3	3	36	16S	37E	659161	3638638

Driller License:	1575	**Driller Company:**	CURRIE DRILLING COMPANY, INC		
Driller Name:	SHANE CURRIE				
Drill Start Date:	06/18/2013	**Drill Finish Date:**	06/21/2013	**Plug Date:**	
Log File Date:	08/05/2013	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	106 feet	**Depth Water:**	102 feet

Casing Perforations:	Top	Bottom
	86	106

New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	**POD Number**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Rng**	**X**	**Y**
NA	L 13332 POD4	1	3	3	31	16S	37E	659164	3638635

Driller License: **Driller Company:**

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 14228 POD1	3	4	2	36	16S	36E	658821	3639303

Driller License:	1670	**Driller Company:**	HARRISON & COOPER, INC. (WD-1670)		
Driller Name:	COOPER, KEN D.				
Drill Start Date:	12/07/2016	**Drill Finish Date:**	12/07/2016	**Plug Date:**	12/07/2016
Log File Date:	01/26/2017	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	130 feet	**Depth Water:**	

Casing Perforations:	Top	Bottom
	100	130

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	L 14263 POD3	4	4	4	01	17S	36E	658914	3638715

Driller License:	1731	**Driller Company:**	HARRISON & COOPER, INC (WD-1731)		
Driller Name:	COOPER, KENNY				
Drill Start Date:	06/08/2016	**Drill Finish Date:**	06/08/2016	**Plug Date:**	
Log File Date:	04/10/2017	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	4.00	**Depth Well:**	225 feet	**Depth Water:**	

Casing Perforations:	Top	Bottom
	95	225

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 325216103184601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 325216103184601 17S.36E.01.1120

Lea County, New Mexico
Latitude 32°52'13", Longitude 103°18'46" NAD27
Land-surface elevation 3,836 feet above NGVD29
The depth of the well is 232 feet below land surface.
The depth of the hole is 232 feet below land surface.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1992-05-01		D	83			0		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	0	Water level accuracy to nearest foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 325253103174301

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 325253103174301 16S.37E.31.11131

Lea County, New Mexico
Latitude 32°52'53", Longitude 103°17'43" NAD27
Land-surface elevation 3,831 feet above NAVD88
The depth of the well is 150 feet below land surface.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1961-02-17		D	48.20			2		U		
1966-02-24		D	52.83			2		U		
1971-02-18		D	63.95			2		U		
1976-03-17		D	70.94			2		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

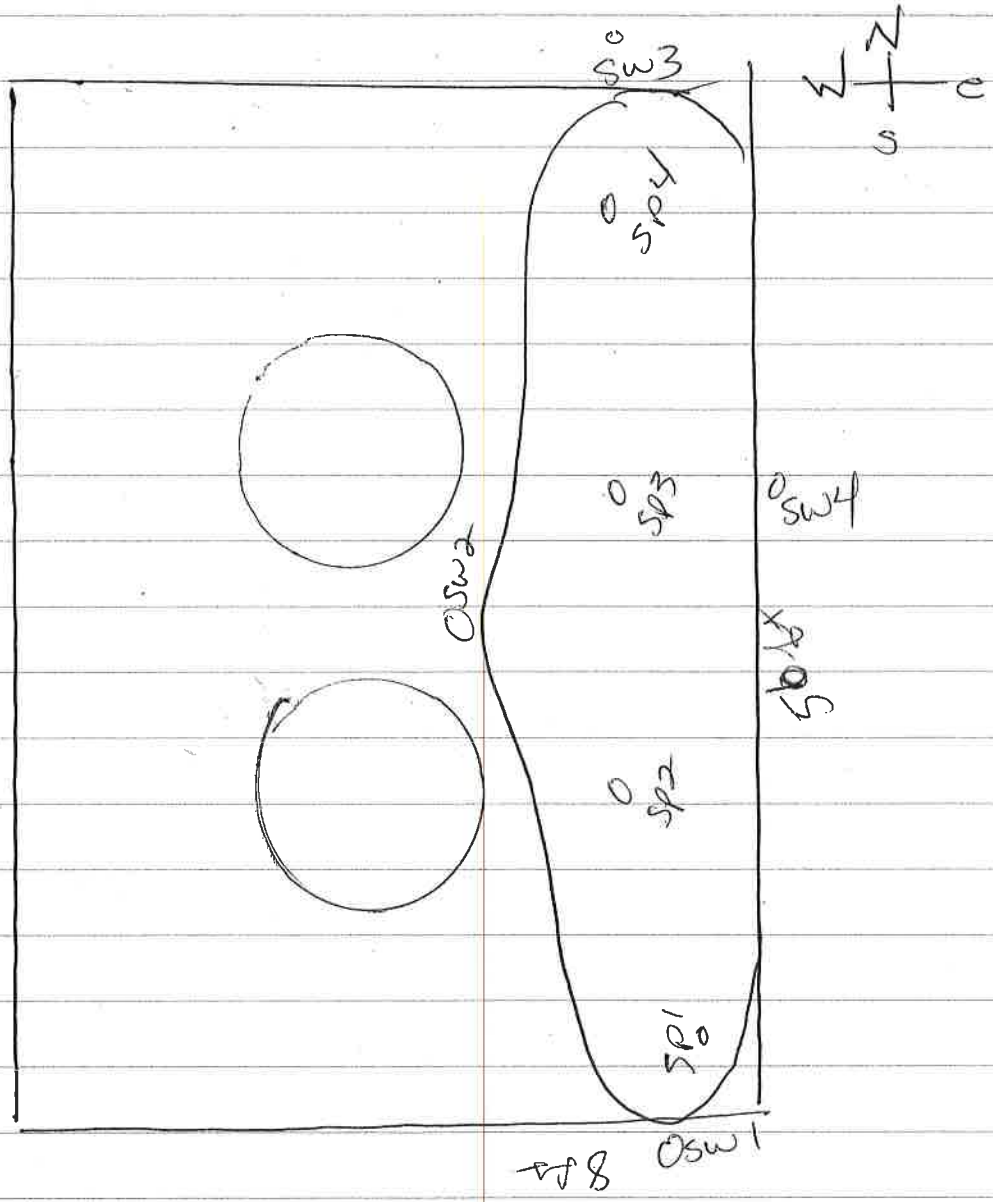
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2020-07-15 14:44:24 EDT
0.3 0.28 nadww01

Attachment III
Field Data

Grizzly Skelly



8 x 25

Grizzly Skelly QRS 2-25-20

Sp1 surf	9:20	18x20 = 360		TPH
2'	9:31	18x20 = 360		TPH
4'	9:47	12x20 = 240		TPH
6'	10:19	8x20 = 160		
8	10:31	8x20 = 160		lab

Sp2- surf	10:43	24x20 = 480		TPH
2'	10:59	20x20 = 400		TPH
4'	11:17	12x20 = 240		TPH
6'	11:30	8x20 = 160		
8	11:51	4x20 = 80		lab

Sp3- surf	12:37	28x20 = 560		TPH
2	12:53	20x20 = 400		TPH
4	1:17	18x20 = 360		TPH
6	1:40	12x20 = 240		
8	2:03	8x20 = 160		lab

turn in

Grizzly Skelly QRIS 2-26-20

SP4 - Surf 11:30 28x20 = 560 TPH
2' 11:47 24x20 = 480 TPH
4' 11:59 20x20 = 400 TPH
6' 12:09 20x20 = 400
8' 12:21 8x20 = 160 lab

SP5 - Surf 1:01 20x20 = 400 TPH
2' 1:16 18x20 360 TPH
4' 1:29 12x20 = 240 TPH
6' 1:40 12x20 = 240
8' 1:53 12x20 = 240 lab

SW1 - Surf 2:07 20x20 = 400
1' 2:17 18x20 360
(S) 2 2:23 16x20 = 320 lab

SW2 - Surf 2:30 12x20 = 240
1' 2:39 8x20 = 160
(W) 2' 2:45 4x20 = 80 lab
SW3 - Surf 2:57 12x20 = 240
1' 3:03 8x20 = 160
(N) 2 3:11 8x20 = 160 lab
SW4 - Surf 3:20 18x20 = 360
1' 3:27 16x20 = 320
(E) 2' 3:31 16x20 = 320 lab

Attachment IV
Laboratory Analytical Reports

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Analytical Report

Report Summary

Client: Grizzly Energy

Samples Received: 2/28/2020
Job Number: 19054-0003
Work Order: P002101
Project Name/Location: Skelly QR & S

Report Reviewed By: Walter Hinchman Date: 3/2/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Sp1-8	P002101-01A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
Sp2-8	P002101-02A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
Sp3-8	P002101-03A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
Sp4-8	P002101-04A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
Sp5-8	P002101-05A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
SW1-2', (s)	P002101-06A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
SW2-2', (w)	P002101-07A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
SW3-2', (N)	P002101-08A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.
SW4-2', (E)	P002101-09A	Soil	02/25/20	02/28/20	Glass Jar, 4 oz.

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Sp1-8

P002101-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*2009040*	*02/28/20*	*02/29/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**27.5**	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*89.2 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*		*50-150*	*2009040*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Sp2-8

P002101-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*2009040*	*02/28/20*	*02/29/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*90.9 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	02/29/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*		*50-150*	*2009040*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Sp3-8

P002101-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*94.9 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.7 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Sp4-8
P002101-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**318**	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	**237**	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*109 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.3 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Sp5-8

P002101-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**732**	50.0	mg/kg	2	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	**544**	100	mg/kg	2	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*109 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**41.5**	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

SW1-2', (s)
P002101-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**65.2**	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	**66.2**	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*105 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.1 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**46.5**	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

SW2-2', (w)
P002101-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*108 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.7 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**644**	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

SW3-2', (N)
P002101-08 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*109 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.0 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

SW4-2', (E)
P002101-09 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2009039	02/28/20	02/29/20	EPA 8015D	
Surrogate: n-Nonane		*109 %*		*50-200*	*2009039*	*02/28/20*	*02/29/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2009040	02/28/20	03/01/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*		*50-150*	*2009040*	*02/28/20*	*03/01/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**650**	20.0	mg/kg	1	2009041	02/28/20	02/29/20	EPA 300.0/9056A	

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Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009040 - Purge and Trap EPA 5030A										
Blank (2009040-BLK1)				Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*"*	*8.00*		*99.9*	*50-150*			
LCS (2009040-BS1)				Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Benzene	4.85	0.0250	mg/kg	5.00		97.0	70-130			
Toluene	4.98	0.0250	"	5.00		99.5	70-130			
Ethylbenzene	4.90	0.0250	"	5.00		98.1	70-130			
p,m-Xylene	9.75	0.0500	"	10.0		97.5	70-130			
o-Xylene	4.86	0.0250	"	5.00		97.3	70-130			
Total Xylenes	14.6	0.0250	"	15.0		97.4	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.12*		*"*	*8.00*		*101*	*50-150*			
Matrix Spike (2009040-MS1)		**Source: P002100-01**		Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Benzene	10.1	0.0500	mg/kg	10.0	ND	101	54.3-133			
Toluene	10.3	0.0500	"	10.0	ND	103	61.4-130			
Ethylbenzene	10.2	0.0500	"	10.0	ND	102	61.4-133			
p,m-Xylene	20.2	0.100	"	20.0	ND	101	63.3-131			
o-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131			
Total Xylenes	30.3	0.0500	"	30.0	ND	101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*16.4*		*"*	*16.0*		*103*	*50-150*			
Matrix Spike Dup (2009040-MSD1)		**Source: P002100-01**		Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Benzene	9.32	0.0500	mg/kg	10.0	ND	93.2	54.3-133	7.96	20	
Toluene	9.56	0.0500	"	10.0	ND	95.6	61.4-130	7.46	20	
Ethylbenzene	9.41	0.0500	"	10.0	ND	94.1	61.4-133	7.82	20	
p,m-Xylene	18.7	0.100	"	20.0	ND	93.4	63.3-131	7.91	20	
o-Xylene	9.26	0.0500	"	10.0	ND	92.6	63.3-131	8.44	20	
Total Xylenes	27.9	0.0500	"	30.0	ND	93.1	0-200	8.08	200	
Surrogate: 4-Bromochlorobenzene-PID	*16.2*		*"*	*16.0*		*101*	*50-150*			

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009039 - DRO Extraction EPA 3570										
Blank (2009039-BLK1)				Prepared: 02/28/20 1 Analyzed: 02/28/20 2						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*50.5*		*"*	*50.0*		*101*	*50-200*			
LCS (2009039-BS1)				Prepared: 02/28/20 1 Analyzed: 02/28/20 2						
Diesel Range Organics (C10-C28)	460	25.0	mg/kg	500		92.0	38-132			
Surrogate: n-Nonane	*48.1*		*"*	*50.0*		*96.1*	*50-200*			
Matrix Spike (2009039-MS1)	**Source: P002099-01**			Prepared: 02/28/20 1 Analyzed: 02/28/20 2						
Diesel Range Organics (C10-C28)	450	25.0	mg/kg	500	ND	90.0	38-132			
Surrogate: n-Nonane	*47.4*		*"*	*50.0*		*94.8*	*50-200*			
Matrix Spike Dup (2009039-MSD1)	**Source: P002099-01**			Prepared: 02/28/20 1 Analyzed: 02/28/20 2						
Diesel Range Organics (C10-C28)	446	25.0	mg/kg	500	ND	89.1	38-132	1.03	20	
Surrogate: n-Nonane	*46.8*		*"*	*50.0*		*93.5*	*50-200*			

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009040 - Purge and Trap EPA 5030A										
Blank (2009040-BLK1)				Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.87*		"	*8.00*		*85.8*	*50-150*			
LCS (2009040-BS2)				Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Gasoline Range Organics (C6-C10)	49.8	20.0	mg/kg	50.0		99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.97*		"	*8.00*		*87.2*	*50-150*			
Matrix Spike (2009040-MS2)		**Source: P002100-01**		Prepared: 02/28/20 1 Analyzed: 02/29/20 2						
Gasoline Range Organics (C6-C10)	99.7	40.0	mg/kg	100	ND	99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*14.0*		"	*16.0*		*87.5*	*50-150*			
Matrix Spike Dup (2009040-MSD2)		**Source: P002100-01**		Prepared: 02/28/20 1 Analyzed: 02/29/20 2						
Gasoline Range Organics (C6-C10)	102	40.0	mg/kg	100	ND	102	70-130	1.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*14.1*		"	*16.0*		*88.3*	*50-150*			

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Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009041 - Anion Extraction EPA 300.0/9056A										
Blank (2009041-BLK1)				Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2009041-BS1)				Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Chloride	257	20.0	mg/kg	250		103	90-110			
Matrix Spike (2009041-MS1)		**Source: P002099-01**		Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Chloride	272	20.0	mg/kg	250	ND	109	80-120			
Matrix Spike Dup (2009041-MSD1)		**Source: P002099-01**		Prepared: 02/28/20 1 Analyzed: 02/29/20 1						
Chloride	274	20.0	mg/kg	250	ND	110	80-120	0.776	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Grizzly Energy	Project Name:	Skelly QR & S	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Natalie Gladden	03/02/20 15:08

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

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Page 1 of 1

Client:	Grizzly
Project:	Skelly QR #5
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	Natali Gladden
Address:	
City, State, Zip	
Phone:	
Email:	Ngladden@hilcorp.com

Lab Use Only

Lab WO#	Job Number
P 00 2101	19054-0003

TAT: 1D, 3D

EPA Program: RCRA, CWA, SDWA

State: NM, CO, UT, AZ, TX, OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks
10:31	2/25/20	S	1	Sp1-8	1									Y				
11:51	2/25/20			Sp2-8	2									Y				
2:03	2/25/20			Sp3-8	3									Y				
12:21	2/25/20			Sp4-8	4									Y				
1:53	2/25/20			Sp5-8	5									Y				
2:23	2/25/20			SW1-2' (S)	6									Y				
2:45	2/25/20			SW2-2' (W)	7									Y				
3:11	2/25/20			SW3-2' (N)	8									Y				
3:31	2/25/20			SW4-2' (E)	9									Y				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/27/20	8:00		2/27/20	8:00
	2/27/20	12:49		2.27.2020	1249
	2.28.20	1125		2/28/2020	11:45

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory

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labadmin@envirotech-inc.com

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Analytical Laboratory

Analytical Report

Report Summary

Client: Grizzly Energy

Samples Received: 8/28/2020

Job Number: 19054-0003

Work Order: P008081

Project Name/Location: Skelly

Report Reviewed By: _____ Date: 9/2/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH 1	P008081-01A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH2	P008081-02A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 3	P008081-03A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 4	P008081-04A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 5	P008081-05A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 6	P008081-06A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 7	P008081-07A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 8	P008081-08A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
BH 9	P008081-09A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
SW 1	P008081-10A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
SW 2	P008081-11A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
SW 3	P008081-12A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
SW 4	P008081-13A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
SW 5	P008081-14A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.
SW 6	P008081-15A	Soil	08/25/20	08/25/20	Glass Jar, 4 oz.

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 1
P008081-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*115 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH2
P008081-02 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**31.9**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*122 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 3
P008081-03 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**34.4**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*118 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 4
P008081-04 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**31.4**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*120 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 5
P008081-05 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	09/01/20		
Toluene	ND	0.0250	1	08/29/20	09/01/20		
Ethylbenzene	ND	0.0250	1	08/29/20	09/01/20		
p,m-Xylene	ND	0.0500	1	08/29/20	09/01/20		
o-Xylene	ND	0.0250	1	08/29/20	09/01/20		
Total Xylenes	ND	0.0250	1	08/29/20	09/01/20		
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*50-150*	*08/29/20*	*09/01/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	09/01/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*50-150*	*08/29/20*	*09/01/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**31.6**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*112 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	**23.1**	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 6
P008081-06 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**32.0**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*112 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	**23.0**	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 7
P008081-07 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**47.1**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*127 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 8
P008081-08 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID	*98.6 %*	*50-150*		*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	*92.1 %*	*50-150*		*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**39.3**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane	*123 %*	*50-200*		*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

BH 9
P008081-09 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID	*97.7 %*	*50-150*		*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	*90.5 %*	*50-150*		*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	**42.2**	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane	*111 %*	*50-200*		*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

SW 1
P008081-10 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*116 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

SW 2
P008081-11 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*108 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

SW 3
P008081-12 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*112 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

SW 4
P008081-13 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	08/31/20		
Toluene	ND	0.0250	1	08/29/20	08/31/20		
Ethylbenzene	ND	0.0250	1	08/29/20	08/31/20		
p,m-Xylene	ND	0.0500	1	08/29/20	08/31/20		
o-Xylene	ND	0.0250	1	08/29/20	08/31/20		
Total Xylenes	ND	0.0250	1	08/29/20	08/31/20		
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	08/31/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*50-150*	*08/29/20*	*08/31/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*116 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

SW 5
P008081-14 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	09/01/20		
Toluene	ND	0.0250	1	08/29/20	09/01/20		
Ethylbenzene	ND	0.0250	1	08/29/20	09/01/20		
p,m-Xylene	ND	0.0500	1	08/29/20	09/01/20		
o-Xylene	ND	0.0250	1	08/29/20	09/01/20		
Total Xylenes	ND	0.0250	1	08/29/20	09/01/20		
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*50-150*	*08/29/20*	*09/01/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	09/01/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*50-150*	*08/29/20*	*09/01/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*113 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

SW 6
P008081-15 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035046
Benzene	ND	0.0250	1	08/29/20	09/01/20		
Toluene	ND	0.0250	1	08/29/20	09/01/20		
Ethylbenzene	ND	0.0250	1	08/29/20	09/01/20		
p,m-Xylene	ND	0.0500	1	08/29/20	09/01/20		
o-Xylene	ND	0.0250	1	08/29/20	09/01/20		
Total Xylenes	ND	0.0250	1	08/29/20	09/01/20		
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*50-150*	*08/29/20*	*09/01/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035046
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/20	09/01/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*50-150*	*08/29/20*	*09/01/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/20	09/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	08/29/20	09/01/20		
Surrogate: n-Nonane		*112 %*	*50-200*	*08/29/20*	*09/01/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2036017
Chloride	ND	20.0	1	09/01/20	09/01/20		

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Analytical Laboratory

Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035046-BLK1)									Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.87*		*8.00*		*98.4*	*50-150*			
LCS (2035046-BS1)									Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Benzene	4.86	0.0250	5.00		97.3	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
o-Xylene	4.93	0.0250	5.00		98.5	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		*8.00*		*100*	*50-150*			
Matrix Spike (2035046-MS1)				**Source: P008081-01**					Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Benzene	4.91	0.0250	5.00	ND	98.3	54-133			
Toluene	5.07	0.0250	5.00	ND	101	61-130			
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133			
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	63-131			
o-Xylene	4.98	0.0250	5.00	ND	99.6	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.05*		*8.00*		*101*	*50-150*			
Matrix Spike Dup (2035046-MSD1)				**Source: P008081-01**					Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Benzene	4.58	0.0250	5.00	ND	91.6	54-133	7.08	20	
Toluene	4.75	0.0250	5.00	ND	94.9	61-130	6.53	20	
Ethylbenzene	4.68	0.0250	5.00	ND	93.5	61-133	7.05	20	
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	63-131	7.14	20	
o-Xylene	4.63	0.0250	5.00	ND	92.6	63-131	7.25	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.6	63-131	7.18	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*50-150*			

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035046-BLK1)									Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*50-150*			
LCS (2035046-BS2)									Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		*8.00*		*91.6*	*50-150*			
Matrix Spike (2035046-MS2)									**Source: P008081-01** Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.9*	*50-150*			
Matrix Spike Dup (2035046-MSD2)									**Source: P008081-01** Prepared: 08/29/20 0 Analyzed: 08/31/20 1
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	5.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*50-150*			

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035064-BLK1)									Prepared: 08/29/20 1 Analyzed: 09/01/20 0
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
LCS (2035064-BS1)									Prepared: 08/29/20 1 Analyzed: 09/01/20 0
Diesel Range Organics (C10-C28)	600	25.0	500		120	38-132			
Surrogate: n-Nonane	*66.8*		*50.0*		*134*	*50-200*			
Matrix Spike (2035064-MS1)				**Source: P008081-01**					Prepared: 08/29/20 1 Analyzed: 09/01/20 1
Diesel Range Organics (C10-C28)	574	25.0	500	ND	115	38-132			
Surrogate: n-Nonane	*58.5*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2035064-MSD1)				**Source: P008081-01**					Prepared: 08/29/20 1 Analyzed: 09/01/20 1
Diesel Range Organics (C10-C28)	582	25.0	500	ND	116	38-132	1.33	20	
Surrogate: n-Nonane	*60.2*		*50.0*		*120*	*50-200*			

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

Anions by EPA 300.0/9056A - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2036017-BLK1)									Prepared & Analyzed: 09/01/20 1
Chloride	ND	20.0							
LCS (2036017-BS1)									Prepared & Analyzed: 09/01/20 1
Chloride	250	20.0	250		99.8	90-110			
Matrix Spike (2036017-MS1)				**Source: P008081-01**					Prepared & Analyzed: 09/01/20 1
Chloride	269	20.0	250	ND	108	80-120			
Matrix Spike Dup (2036017-MSD1)				**Source: P008081-01**					Prepared & Analyzed: 09/01/20 1
Chloride	269	20.0	250	ND	107	80-120	0.160	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Grizzly Energy	Project Name:	Skelly	
4001 Penbrook Suite 201	Project Number:	19054-0003	**Reported:**
Odessa TX, 79762	Project Manager:	Lindsey Nevels	09/02/20 15:20

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

0

Project Information | Chain of Custody | Page 1 of 2

Client:	Girl Zzlq
Project:	Skelly
Project Manager:	Lindsey Nevels
Address:	
City, State, Zip	
Phone:	
Email:	pm@hungry-horse.com
Report due by:	

Bill To

Attention:	Hungry Horse
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
P008081	19054-0003

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ | TX | OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks
6:11	8-26	S	1	BH 1	1									X				
6:15				BH 2	2									X				
6:30				BH 3	3									X				
6:35				BH 4	4									X				
6:41				BH 5	5									X				
6:49				BH 6	6									X				
6:55				BH 7	7									X				
7:11				BH 8	8									X				
7:20				BH 9	9									X				
~~7:27~~				~~Soil~~	~~10~~									X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Lindsey Nevels	8-26-20	1420		8.26.2020	1420
	8.28.2020	1830		8/28/20	19:12

Lab Use Only
Received on ice: (Y) / N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

Client: Grizzly	Bill To
Project: Shelly 1	Attention: Hungry Horse
Project Manager: Lindsay Nevels	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: pm@hungry-horse.com	
Report due by:	

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P0080851	19054-0003					

State: NM, CO, UT, AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks
7:31	8/26	S	1	SW1	10									Y				
7:35	"	"	"	SW2	RL 11									Y				
7:41	"	"	"	SW3	12									Y				
4:00	"	"	"	SW4	RL 13									Y				
8:10	"	"	"	SW5	RL 14									Y				
8:20	"	"	"	SW6	RL 15									Y				
					8/29/30													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Lindsay Nevels	8/26/20	1420		8.26.2020	1420
	8.28.2020	1830		8/28/20	19:12

Lab Use Only
Received on ice: Y / N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
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Attachment V
NMOCD Form C-141 Closure Page

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003849891
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

☒ Detailed description of proposed remediation technique
☒ Scaled sitemap with GPS coordinates showing delineation points
☒ Estimated volume of material to be remediated
☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Carmen E Pitt Title: Senior EHS Specialist

Signature: Carmen E Pitt Date: 8/19/2020

email: cpitt@grizzlyenergyllc.com Telephone: 432-248-8145

OCD Only

Received by: Victoria Venegas Date: 08/19/2020

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Date: 08/19/2020

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003849891
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Carmen E Pitt Title: Senior EHS Specialist

Signature: Carmen E Pitt Date: 9/14/2020

email: cpitt@grizzlyenergyllc.com Telephone: 432-248-8145

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____