

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	2RP-4805
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Burnett Oil Co., Inc	OGRID
Contact Name: Johnny Titsworth	Contact Telephone: (432) 425-2891
Contact email: jtitsworth@burnettoil.com	Incident # (assigned by OCD)
Contact mailing address: P.O. Box 188 Loco Hills, NM 88255	

Location of Release Source

Latitude 32.82252 _____ Longitude -103.92760 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Grayburg Jackson San Andreas Unit 22 Inj. line	Site Type: pasture
Date Release Discovered: 6/4/2018	API# (if applicable): 30-015-04148

Unit Letter	Section	Township	Range	County
L	14	17S	30E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls): 2BBLS	Volume Recovered (bbls): 0 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 98 BBLS	Volume Recovered (bbls): 0 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Steel Injection line going to the GJSAU 22 Injection Well corroded and release 100 BBLS of total fluid into pasture. The release was approx. 200' North of the Gissler A 18 well location (30-015-32448).

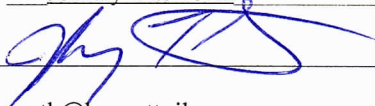
State of New Mexico
Oil Conservation Division

Incident ID	
District RP	2RP-4805
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was over 25 bbls of total fluid
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification was given to Mike Bratcher (OCD) & Shelly Tucker (BLM) on the day of the release	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: The release is in an ARC area, and we are waiting on direction from BLM	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Johnny Titsworth</u>	Title: <u>HSE Coordinator</u>
Signature: 	Date: <u>10/9/18</u>
email: <u>jtitsworth@burnettoil.com</u>	Telephone: <u>432-425-2891</u>
<u>OCD Only</u> Received by: _____ Date: _____	

Incident ID	
District RP	2RP-4805
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>300'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. <input type="checkbox"/> Field data <input type="checkbox"/> Data table of soil contaminant concentration data <input type="checkbox"/> Depth to water determination <input type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release <input type="checkbox"/> Boring or excavation logs <input type="checkbox"/> Photographs including date and GIS information <input type="checkbox"/> Topographic/Aerial maps <input checked="" type="checkbox"/> Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	2RP-4805
Facility ID	
Application ID	

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: Johnny Titsworth Title: HSE Coordinator

Signature:  Date: 10/9/18

email: jtitsworth@burnettoil.com Telephone: (432)-425-2891

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	2RP-4805
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: Johnny Titsworth Title: HSE Coordinator

Signature:  Date: 10/9/18

email: jtitsworth@burnettoil.com Telephone: 432-425-2891

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____



October 1, 2018

Mike Bratcher

**New Mexico Energy, Minerals & Natural Resources Oil Conservation Division,
Environmental Bureau - District 2
811 S. First St.
Artesia, NM 88210**

RE: Work Plan

**Burnett Oil Co., Inc. – Grayburg Jackson San Andreas Unit 0022 Inj. Well
UL/L sec. 14 T17S R30E**

Mr. Bratcher

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/L sec. 14 T17S R30E (API# 30-015-04148). The site is located in an area of no known groundwater.

On June 4, 2018, a release was discovered a release of 100 barrels of total fluid. The release occurred when a steel injection flowline ruptured, releasing fluid in the pasture approx. 200' North of the Gissler A #18 well location. The area impacted is 275'x5'-40' area in the pasture and on the pad. The BLM and the NMOCD were both notified of the release on June 4, 2018 with the initial C-141 being filed later that same day.

Corrective Action Plan

On June 26, 2018 Burnett Oil Co., Inc. sampled the impacted area, and took the samples to an accredited lab for analytical analysis. To remediate the impacted soil, Burnett Oil Co., Inc. enlisted the services of Aspen Grow LLC. to apply Probiotic compounds to the impacted area. The probiotics will be applied with fresh water to the impacted area once a week for four weeks. In that time the probiotics and the fresh water will be able to begin remediating the hydrocarbons in the impacted area. The impacted area of will be sampled at the end of the



October 1, 2018

probiotic application. Pending the results of the analytical, further application could be required. The impacted area will be delineated deeper with the aid of an auger drill.

Following the approval of the plan, Burnett Oil Co., Inc. will begin remediating the impacted area to Regulatory standards.

Please feel free to contact me with any questions concerning this remediation plan request.

Sincerely,

A handwritten signature in blue ink, appearing to read 'JT', with a large, sweeping flourish extending to the right.

Johnny Titsworth
HSE Coordinator
Burnett Oil Co., Inc.
P.O. Box 188 / CR 220 North
Loco Hills, NM 88255
(432)-425-2891
Email: jtitsworth@burnettoil.com



New Mexico Office of the State Engineer Wells with Well Log Information

Basin/County Search:

County: Eddy

PLSS Search:

Section(s): 14

Township: 17S

Range: 30E

No wells found.

6/5/18

GJSAU #22 Inj Map

API 30-015-04448

1650 FSL 350 FWL

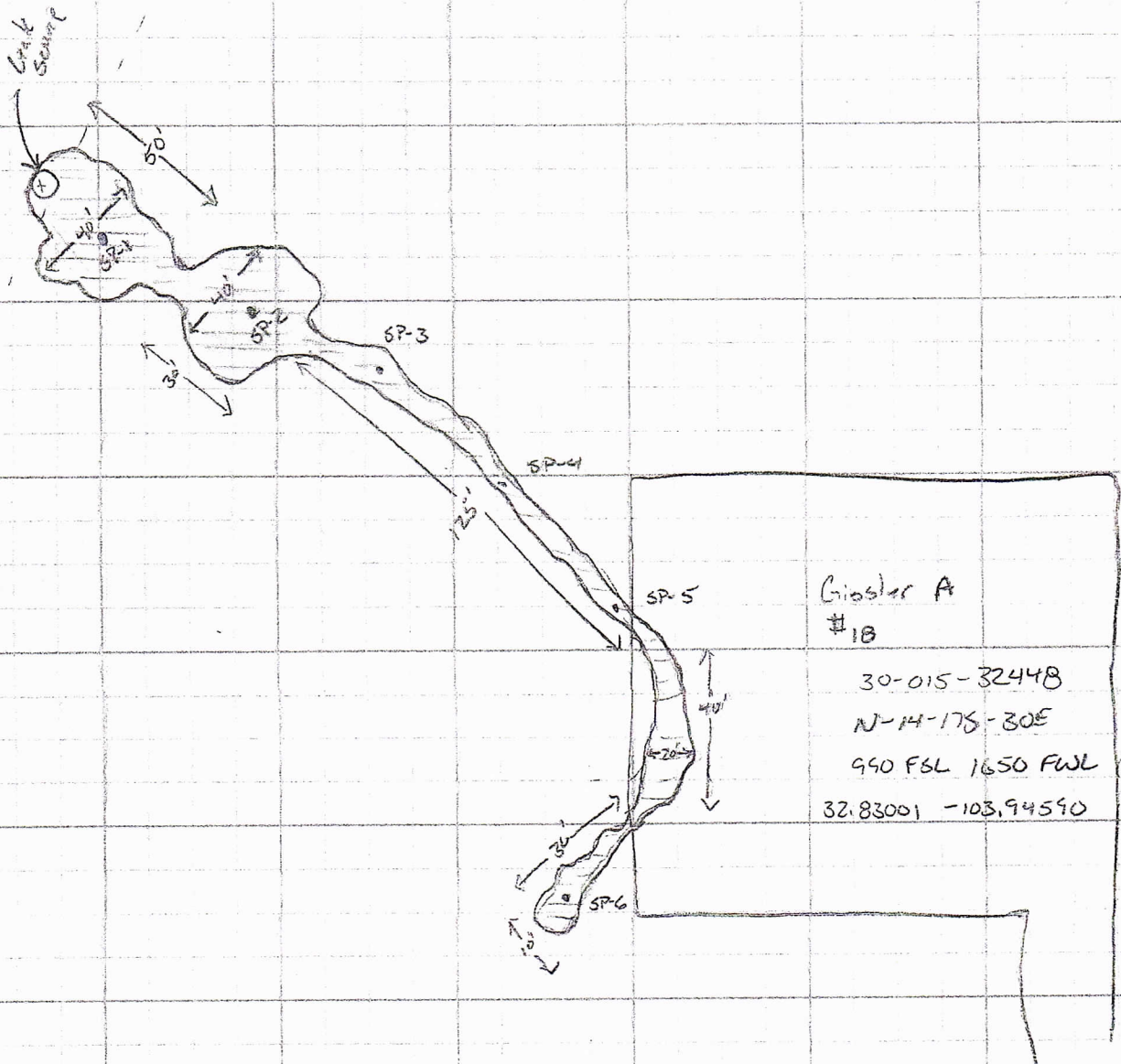
L-14-175-30E

32.8318 -103.95013

North

32.83102
-103.94626

GJSAU #22
Inj Line



GJSAU 22 Inj. Line

SP-1 32.83106 - 103.94632
SP-2 32.83093 - 103.94629
SP-3 32.83076 - 103.94624
SP-4 32.83057 - 103.94622
SP-5 32.83033 - 103.94616
SP-6 32.83011 - 103.94640

Legend

- Feature 1
- Untitled Path

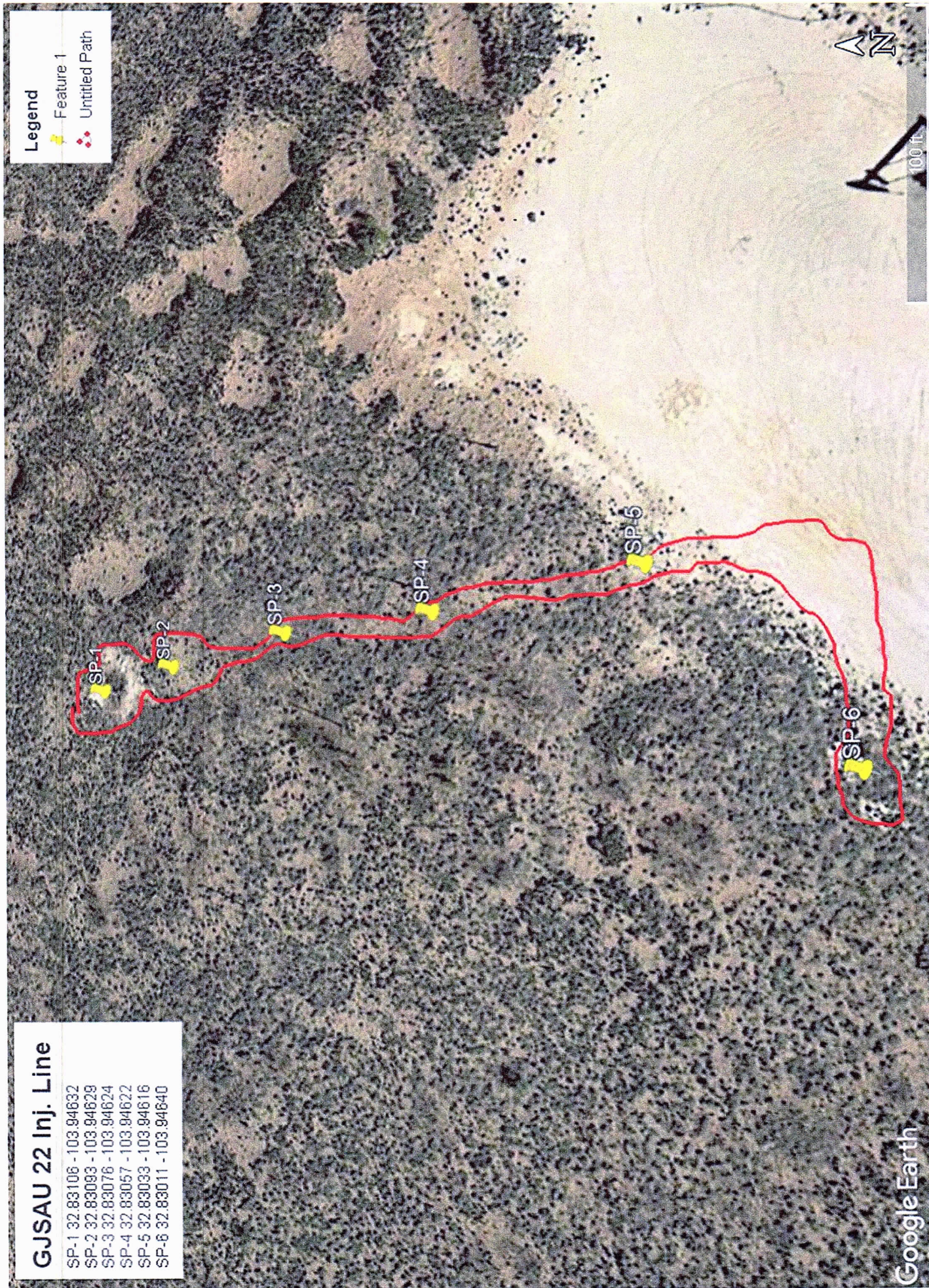


Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
6/26/2018	SP-1	0-1'	5300	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-1	1'-2'	5500								
6/26/2018	SP-1	2'-3'	8200								
6/26/2018	SP-1	3'-4'	8500								
6/26/2018	SP-2	0-1'	8700	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-2	1'-2'	7900								
6/26/2018	SP-2	2'-3'	9100								
6/26/2018	SP-2	3'-4'	15000								
6/26/2018	SP-3	0-1'	4000	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-3	1'-2'	6600								
6/26/2018	SP-3	2'-3'	8500								
6/26/2018	SP-3	3'-4'	11000								

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
6/26/2018	SP-4	0-1'	5600	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-4	1'-2'	9700								
6/26/2018	SP-4	2'-3'	10000								
6/26/2018	SP-4	3'-4'	9800								
6/26/2018	SP-4	4'-5'	9800								
6/26/2018	SP-4	5'-6'	19000								
6/26/2018	SP-4	6'-7'	11000								
6/26/2018	SP-4	7'-8'	13000								
6/26/2018	SP-4	8'-9'	14000								
6/26/2018	SP-5	0-1'	4200	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-6	0-1'	340	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-6	1'-2'	420								

Table 1 - Analytical Results

[illegible]