

St. Croix Operating Inc.: State Little Joe 1 (SENW 28 1N 49W)

Approval to construct this location was given on 8/20/19. The onsite visit was conducted on 7/24/19. This location contains stipulations requiring State Land Board sign off as well as CPW consultation. CPW was consulted and responded in an email that there are not any species of concern for that will be affected by this proposed pad.

Steve Freese

By:  _____

Date: 8/20/19

Mineral Field Technician
State Board of Land Commissioners



7/8/2019

Via e-Mail & Postal Service

Colorado State Land Board
1127 Sherman Street, Suite 300
Denver, CO 80203
Attn: Christel Koranda, Catie Stitt & Steve Freese

RE: COGCC Rule 305.a.: Pre-Application Notification

STATE LITTLE JOE 1 – Is a proposed vertical oil well to be located in SENW Sec. 28-T1N-R49W, Footages 2056' FNL, 1421' FWL, Washington County, CO, see attached Survey Plat.

You are entitled to the following information:

1.

a. Operator name and contact info:

St. Croix Operating, Inc.
P.O. Box 13799
Denver, CO 80201
Contact: Paul Melnychenko

b. Anticipated date operations will commence:

The STATE LITTLE JOE 1 well is scheduled to be drilled late 3rd to 4th Quarter of 2019. The exact date will vary based upon the rig availability and other operational factors.

c. Additional information on the operation of the proposed well may be obtained at the commission office:

Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
303-894-2100

The Local Governmental Designee (LGD) contact information:

Larry W. Griese
Washington County
150 Ash Avenue
Akron, Colorado 80720
(970) 345-6662

As the Surface / Mineral Owner you may contact the following individual concerning the proposed operations:

St. Croix Operating, Inc.
P.O. Box 13799
Denver, CO 80201
Attn: Paul Melnychenko
303-489-9298

Thank you for your attention to this matter.

Sincerely,

Paul Gottlob
Regulatory & Engineering Technician
Integrated Petroleum Technologies
Consultants to St. Croix Operating Inc.



STATE OF
COLORADO

Freese - DNR, Steve <steve.freese@state.co.us>

RE: Notice of Vertical Oil well in Washington County - St. Croix Operating

1 message

Paul Gottlob <paul.gottlob@iptenergyservices.com>

Thu, Aug 8, 2019 at 12:46 PM

To: "Freese - DNR, Steve" <steve.freese@state.co.us>

Cc: Andy Peterson <andy@petersonenergyoperating.com>, "christel.koranda@state.co.us" <christel.koranda@state.co.us>, "Stitt - DNR, Catherine" <catie.stitt@state.co.us>

Steve,

The Surveying company has supplied an explanation as to why the 2 track does not line up with the Access Road as shown on their drawings, please see attached.

Also attached is an updated Well Plat, footages did change from the Notice letter I had sent, so also attached is an updated Notice letter and an updated Topo Map.

The planned access road will definitely follow the existing 2 track up to the well pad.

Please let us know if you need anything else.

Thank you!

Paul,

Based on the attachments it looks like the access road will not be following the existing two track (location drawing). Can you please verify that the existing 2 track will be used?

Thank you,

Steve Freese

Minerals Field Technician

Colorado State Board of Land Commissioners

P [303.866.3454x3343](tel:303.866.3454x3343) | F [303.866.3152](tel:303.866.3152) | C [303.905.2808](tel:303.905.2808)

1127 Sherman Street, Suite 300, Denver, CO 80203

Steve.Freese@state.co.us | www.colorado.gov/statelandboard



STATE OF COLORADO

Freese - DNR, Steve <steve.freese@state.co.us>

Re: Request for CPW review 28 1N 49W

1 message

Marette - DNR, Brandon <brandon.marette@state.co.us>
To: "Freese - DNR, Steve" <steve.freese@state.co.us>

Tue, May 28, 2019 at 1:59 PM

Good afternoon Steve,

Thank you for the opportunity to review and comment on this parcel. Our goal in responding to land use proposals, such as this project, is to provide complete, consistent, and timely information to all entities who request comment on matters within our statutory authority.

Upon internal review of the proposed referral request and of the potential biological occurrences on this parcel, Colorado Parks and Wildlife has no biological concerns regarding this matter. If you have any further questions, or if this proposed development changes in timing or scope, please contact me or Travis (cc'd).

Finally, please continue to reach out to us for comment on future applications, as we strive for responsible land development while protecting sensitive species and their habitats.

Regards,

Brandon B. Marette, CWB®
Northeast Region Energy Liaison and Land Use Coordinator



Direct (303) 291-7327
6060 Broadway, Denver, CO 80216
brandon.marette@state.co.us
CPW's Energy Webpage



THINK SAFETY FIRST!

On Mon, Apr 29, 2019 at 7:15 AM Freese - DNR, Steve <steve.freese@state.co.us> wrote:
Brandon,

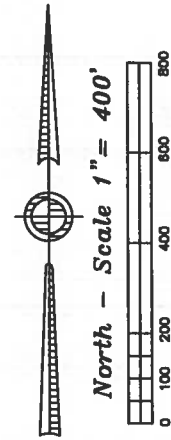
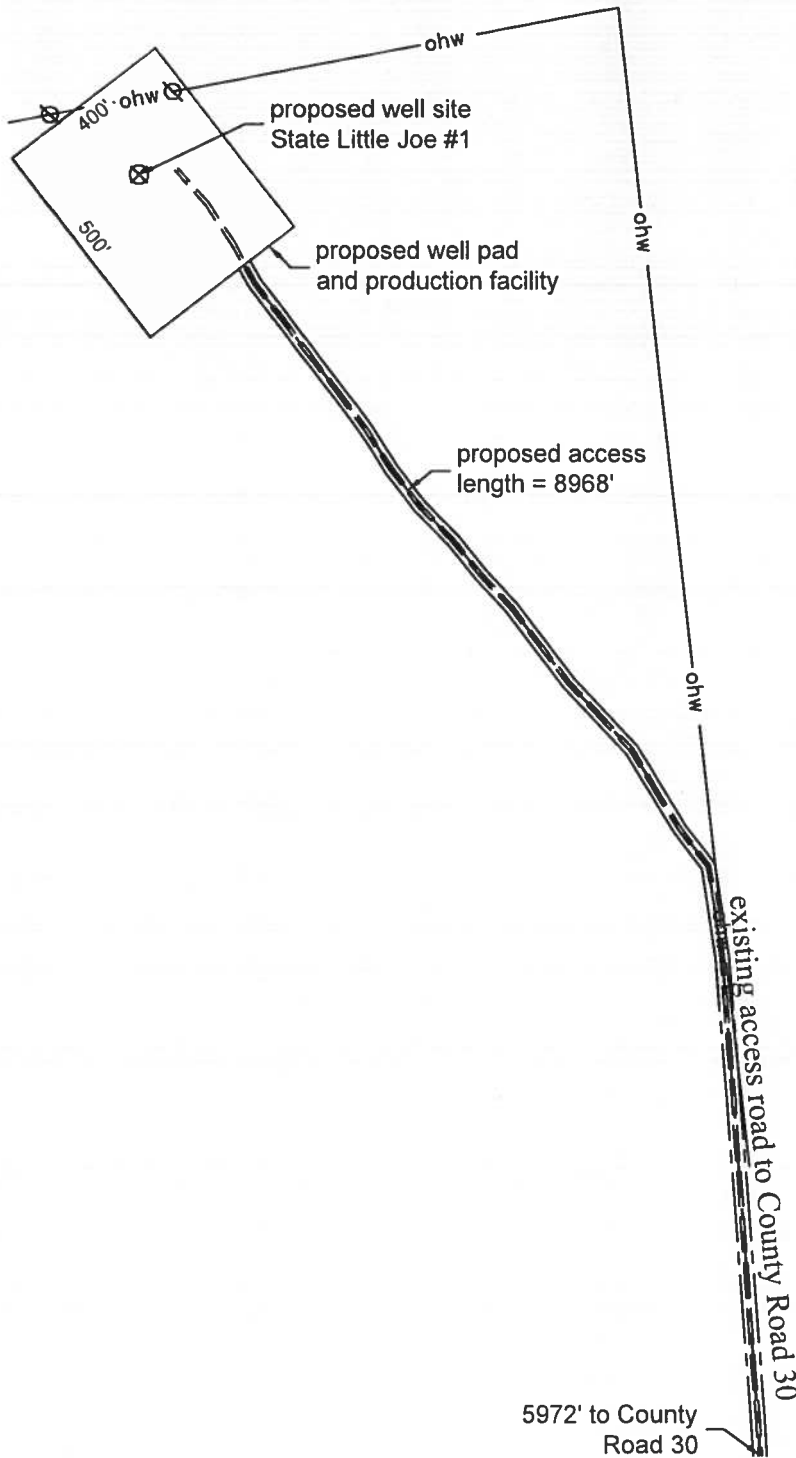
I have an operator interested in drilling a well in the above section. CPW was reviewed this tract for leasing on June 18, 2018 and there were no concerns at that time. Please provide comments no later than 5/29/19.

Thank you,

Steve Freese
Minerals Field Technician
Colorado State Board of Land Commissioners

P 303.866.3454x3343 | F 303.866.3152 | C 303.905.2808
1127 Sherman Street, Suite 300, Denver, CO 80203
Steve.Freese@state.co.us | www.colorado.gov/statelandboard

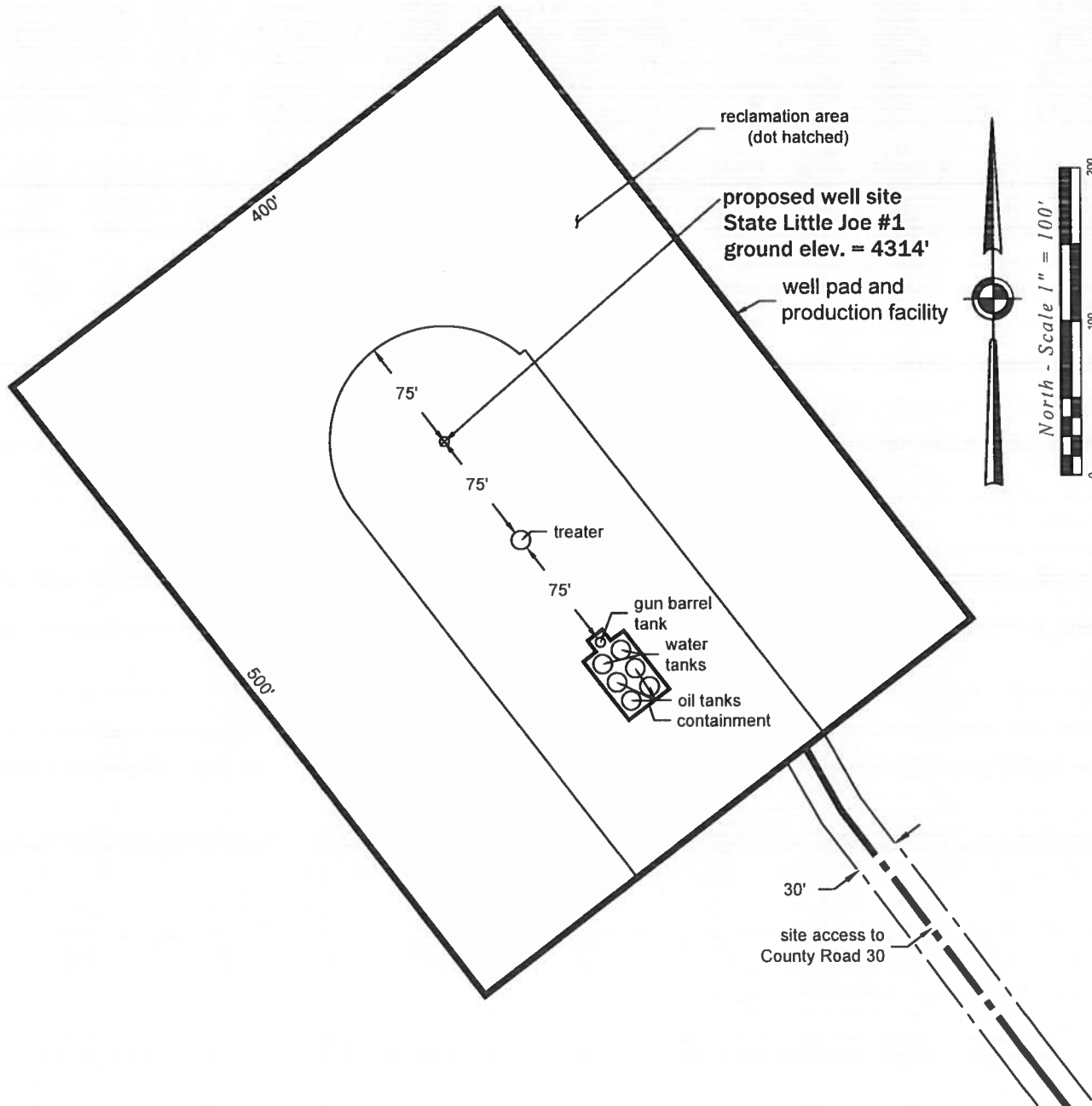
Access Road Map



P:\Project\2019\19025\dwg\19025_Acc.dwg August 07, 2019 - 10:23am

Well Name: State Little Joe #1	Field Date 7.24.2019	Prepared for: St. Croix Operating, Inc.	Project#: 19025.001
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief JF	PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - info@plscorporation.com	
Washington County, Colorado	Proj. Manager MDG		
	Drawing Date 8.7.2019		

Facility Layout Drawing

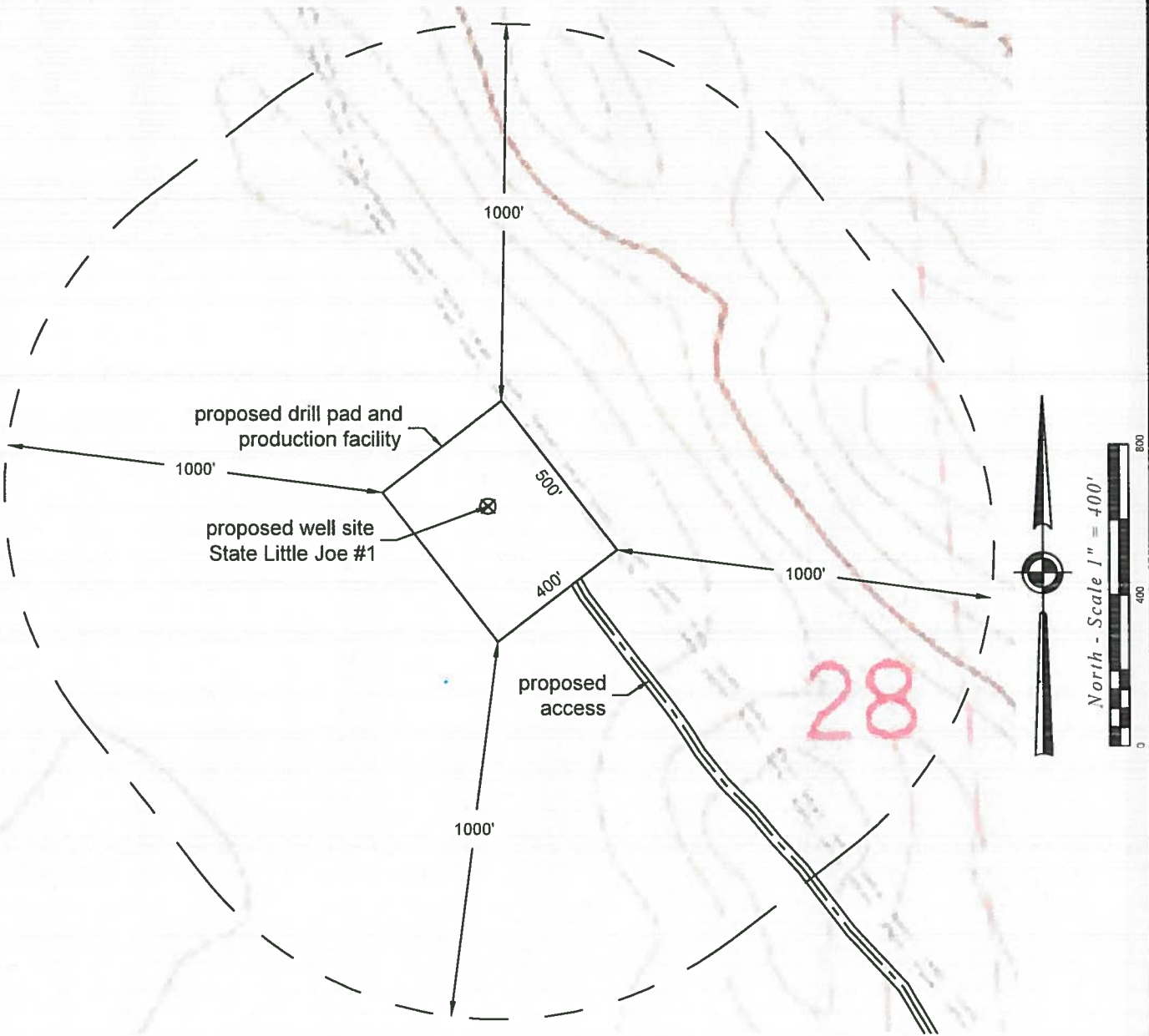


Size of disturbed area during construction in acres: 4.6 acres
 Size of location after interim reclamation in acres: 1.3 acres
 Estimated location ground elevation: 4314' [NAVD88]

P:\Project\2019\19025\deg\19025_Loy.dwg August 07, 2019 - 10:22am

Well Name: State Little Joe #1	Field Date 7.24.2019	Prepared for: St. Croix Operating, Inc.	Project#: 19025.001
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief DCB	PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - info@plscorporation.com	
Washington County, Colorado	Proj. Manager MDG Drawing Date 8.7.2019		

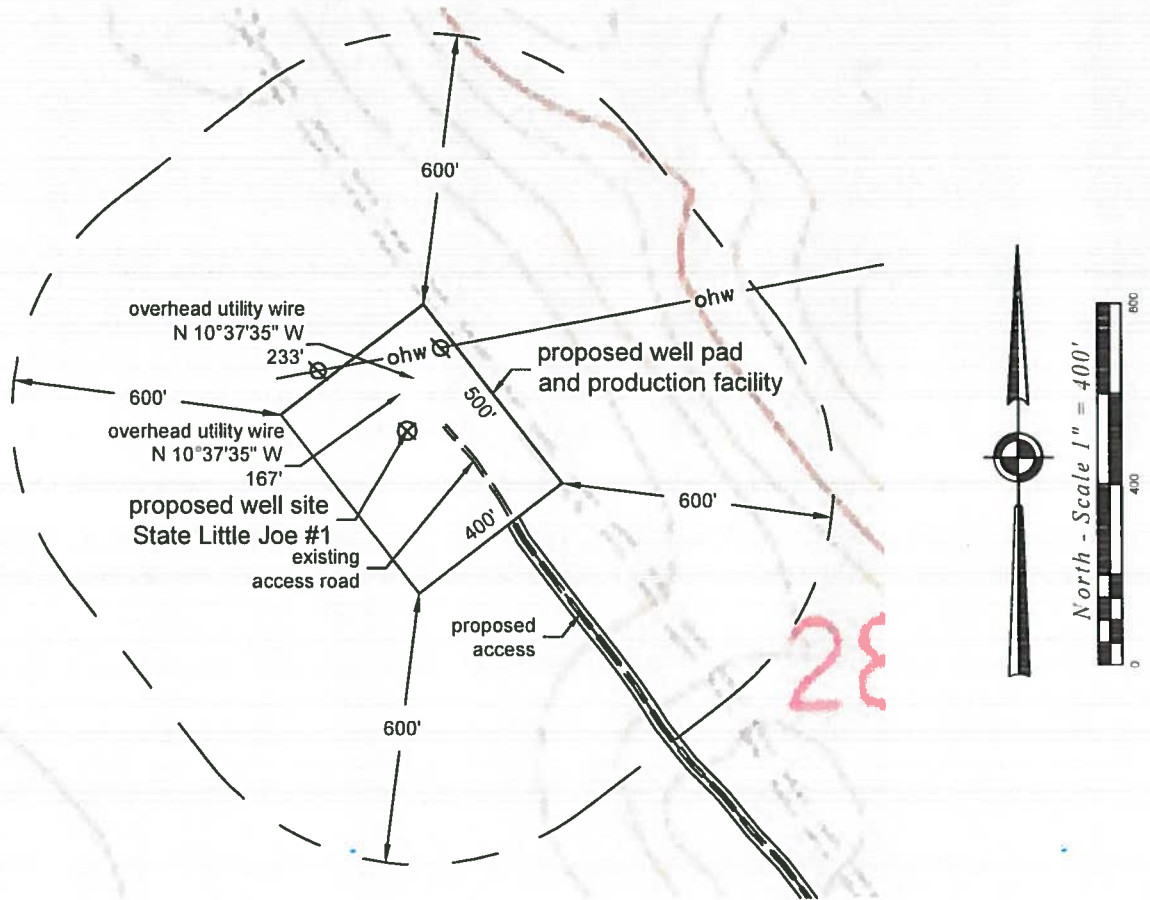
Hydrology Map (1000')



P:\Project\2019\19025\dwg\19025_Hyd.dwg August 07, 2019 - 10:24am

Well Name: State Little Joe #1	Field Date 7.24.2019	Prepared for:	Project#: 19025.001
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief JF	St. Croix Operating, Inc.	
Washington County, Colorado	Proj. Manager MDG		
	Drawing Date 8.7.2019	PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - info@plscororation.com	

Location Drawing



Distance to nearest from Well:

Building:	5280'
Building Unit:	5280'
High Occupancy Building Unit:	5280'
Designated Outside Activity Area:	5280'
Public Road:	5280'
Aboveground Utility:	167'
Railroad:	5280'
Property Line:	1421'
School Facility:	5280'
School Property Line:	5280'
Child Care Center:	5280'

Distance to nearest from Production Facility:

Building:	5280'
Building Unit:	5280'
High Occupancy Building Unit:	5280'
Designated Outside Activity Area:	5280'
Public Road:	5280'
Aboveground Utility:	233'
Railroad:	5280'
Property Line:	1466'
School Facility:	5280'
School Property Line:	5280'
Child Care Center:	5280'

P:\Project\2019\19025\dwg\19025_imp.dwg August 07, 2019 - 10:25am

Well Name: <h2 style="text-align: center;">State Little Joe #1</h2>	Field Date 4.8.2019	Prepared for: <h2 style="text-align: center;">St. Croix Operating, Inc.</h2>
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief DCB	Project#: 19025.001
Washington County, Colorado	Proj. Manager MDG	PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - info@plscorporation.com
	Drawing Date 7.1.2019	

Proposed well site photographs
St. Croix Operating, Inc.
well site **State Little Joe #1**

SHL: SE-1/4 OF NW-1/4 SECTION 28-T1N-R49W-6THPM
WASHINGTON COUNTY, COLORADO



STATE LITTLE JOE #1 + NORTH VIEW



STATE LITTLE JOE #1 + SOUTH VIEW



STATE LITTLE JOE #1 + EAST VIEW



LITTLE JOE #1 + WEST VIEW

PREPARED BY:

PLS CORPORATION

532 WEST 66TH STREET

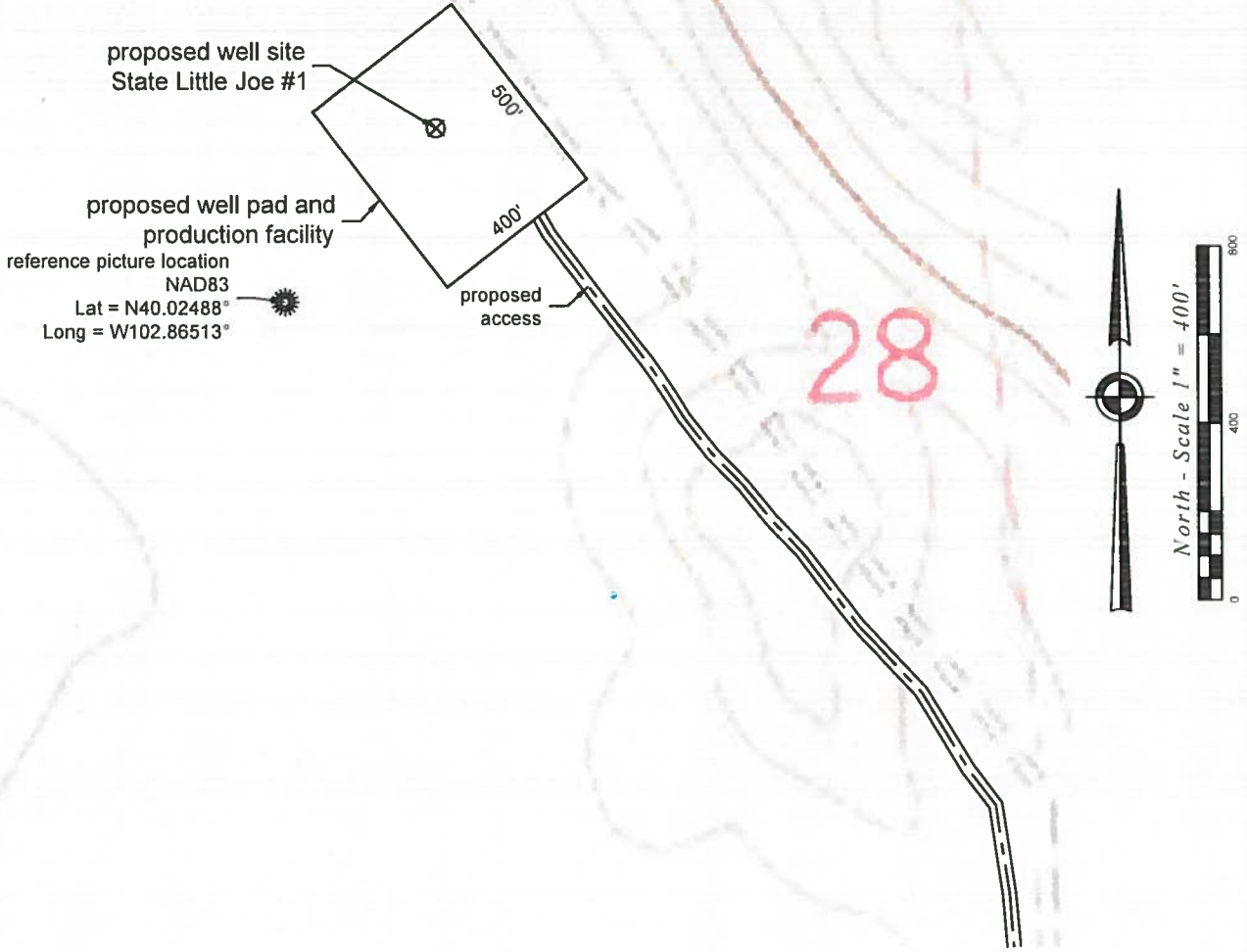
LOVELAND + COLORADO 80538

970.669.2100 OFFICE+ INFO@PLSCORPORATION.COM

19025.001

Date of Photography: April 8, 2019

Reference Area Map



P:\Project\2019\19025\dwg\19025_Ref.dwg August 07, 2019 - 10:30am

Well Name: State Little Joe #1	Field Date 7.24.2019	Prepared for: _____ Project#: 19025.001
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief JF	St. Croix Operating, Inc. PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - info@plscorporation.com
Washington County, Colorado	Proj. Manager MDG	

Reference Area photographs
St. Croix Operating, Inc.
well site **State Little Joe #1**

SHL: SE-1/4 OF NW-1/4 SECTION 28-T1N-R49W-6THPM
WASHINGTON COUNTY, COLORADO



REFERENCE AREA + NORTH VIEW



REFERENCE AREA + SOUTH VIEW



REFERENCE AREA + EAST VIEW



REFERENCE AREA + WEST VIEW

PREPARED BY:

PLS CORPORATION

532 WEST 66TH STREET

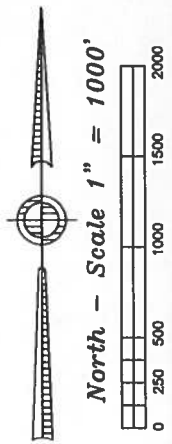
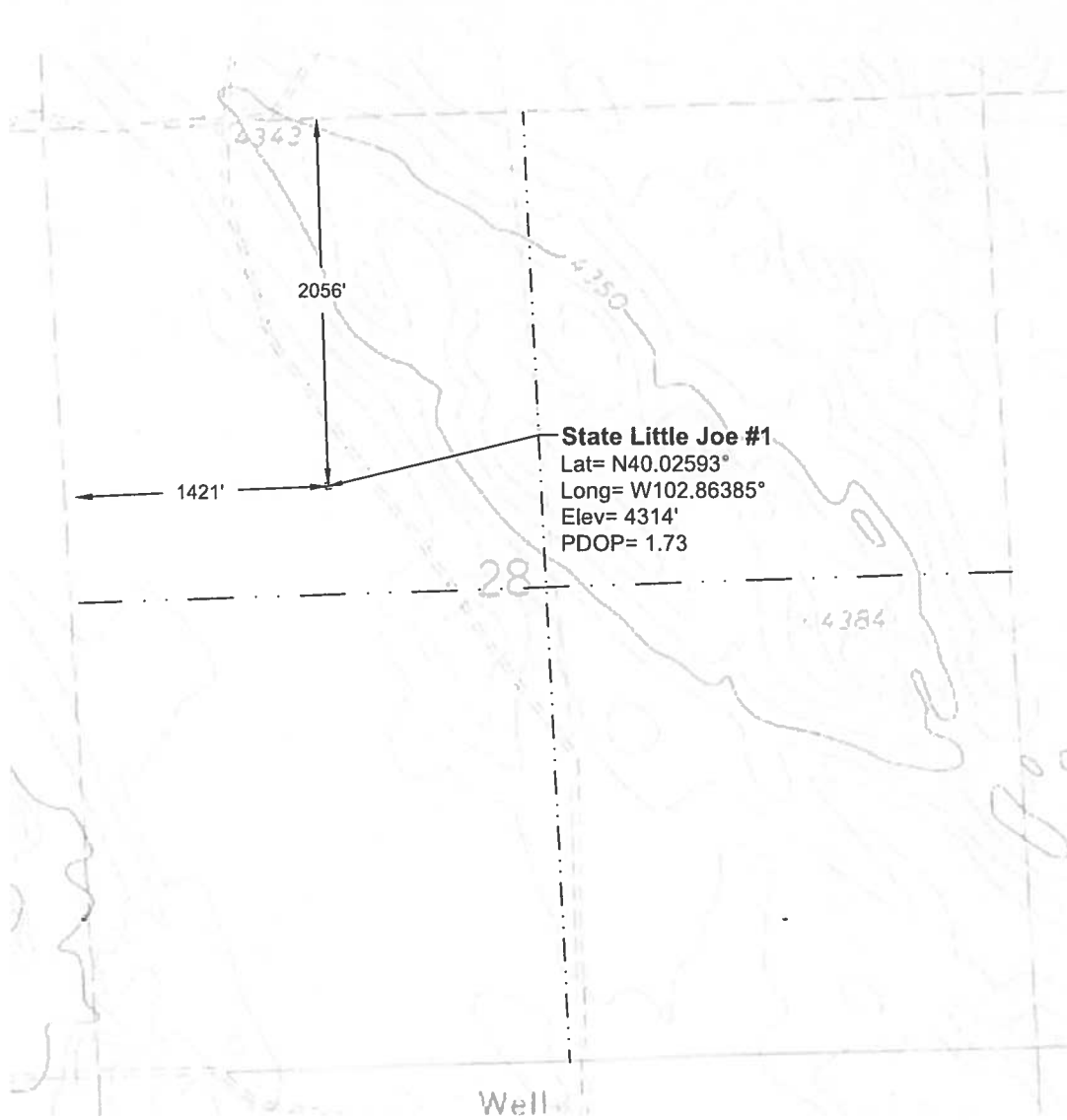
LOVELAND + COLORADO 80538

970.669.2100 OFFICE+ INFO@PLSCORPORATION.COM

19025.001

Date of Photography: April 4, 2019

Topo Map



State Little Joe #1
 Lat= N40.02593°
 Long= W102.86385°
 Elev= 4314'
 PDOP= 1.73

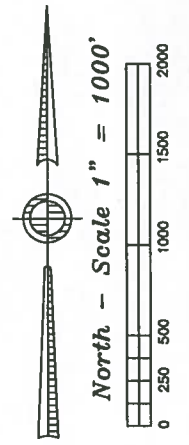
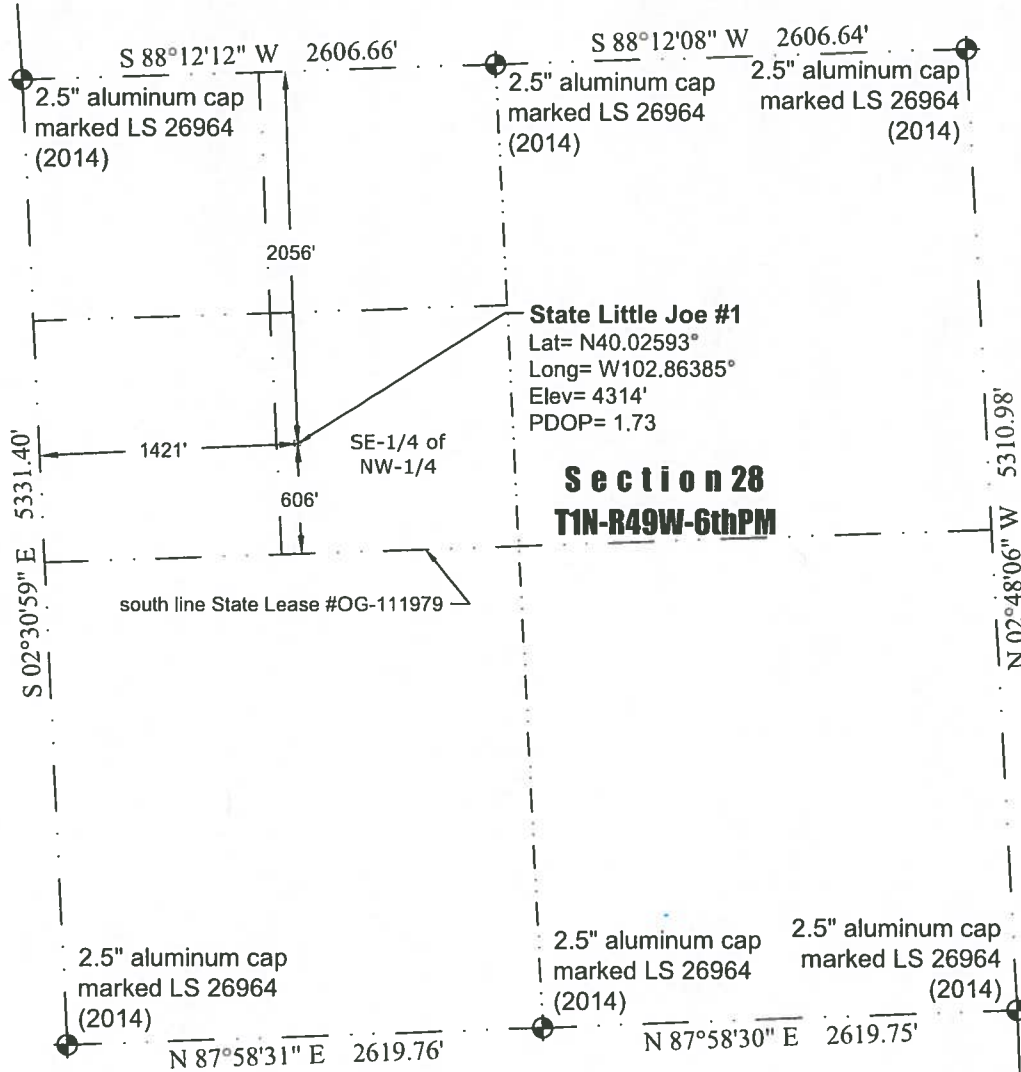
Notes:

- In accordance with a request from St. Croix Operating, Inc., PLS Group has determined the location of the State Little Joe #1 well to be 1421' FWL and 2056' FNL as measured perpendicular to the section lines.
- Survey elevations based on NAVD 88 Datum using GPS observed heights and Geoid 12B corrections.
- Distances shown are in SPC grid feet. Ground scale factor= 1.000135167591.
- There are no improvements within 100' of the proposed well site.
- Apparent Land Use is rangeland.
- Vegetation is native grass.
- Topographic map contours and spot elevations based on NGVD 1929 Datum.
- Topographic map dated 1972.

P:\Project\2019\19025\dwg\19025_Topo.dwg August 05, 2019 - 10:51am

Well Name: State Little Joe #1	Field Date 7.24.2019	Prepared for: St. Croix Operating, Inc.	Project#: 19025.001
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief JF	PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - 970.669.3652 fax	
Washington County, Colorado	Proj. Manager MDG Drawing Date 8.5.2019		

Well Location Plat



Legend:
 (●) denotes found section corner
 (c) denotes calculated dimension
 (X) denotes proposed production facility location
 (X) denotes calculated position

Notes:

- In accordance with a request from St. Croix Operating, Inc., PLS Corporation has determined the location of the State Little Joe #1 well to be 1421' FWL and 2056' FNL as measured perpendicular to the section lines.
- Coordinates and bearings based NAD 83, Colorado State Plane Coordinates - North Zone (SPC) using RTK GPS observations taken on 7.24.2019 by James Freshwater.
- Elevations based on NAVD 88 Datum using GPS observed heights and Geoid 12B corrections.
- Distances shown are in SPC grid feet. Ground scale factor= 1.000135167591.
- This is not a Land Boundary Survey.
- No rights of way or easements shown at client's request.
- There are no improvements within 100' of the proposed well site.
- Apparent Land Use is rangeland.
- Vegetation is native grass.

Surveyor's Statement

I, M. Bryan Short, hereby state that this exhibit is the result of a field survey made under my supervision and based upon my information and knowledge, I believe this exhibit to be a true and correct representation of said survey.



P:\Project\2019\19025\deg\19025_WLP.dwg August 05, 2019 - 10:50am

Well Name: State Little Joe #1	Field Date 7.24.2019	Prepared for: St. Croix Operating, Inc.
Section 28-T1N-R49W-6th PM, SE-NW	Party Chief JF	Project#: 19025.001
Washington County, Colorado	Proj. Manager MDG	PLS Corporation 532 West 66th Street Loveland, Colorado 80538 970.669.2100 office - 970.669.3652 fax
	Drawing Date 8.5.2019	