

FORM
2A

Rev
06/19

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401942143

Date Received:

03/11/2019

Oil and Gas Location Assessment

New Location Refile Amend Existing Location Location#: 451044

This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location Assessment will allow for the construction of the below specified Location; however, it does not supersede any land use rules applied by the local land use authority. Please see the COGCC website at <http://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

451044

Expiration Date:

07/19/2022

This location assessment is included as part of a permit application.

CONSULTATION

- This location is included in a Comprehensive Drilling Plan. CDP # _____
- This location is in a sensitive wildlife habitat area.
- This location is in a wildlife restricted surface occupancy area.
- This location includes a Rule 306.d.(1)A.ii. variance request.

Operator

Operator Number: 10633
 Name: CRESTONE PEAK RESOURCES OPERATING LLC
 Address: 1801 CALIFORNIA STREET #2500
 City: DENVER State: CO Zip: 80202

Contact Information

Name: Toby Sachen
 Phone: (720) 410-8536
 Fax: ()
 email: toby.sachen@crestonepr.com

FINANCIAL ASSURANCE

- Plugging and Abandonment Bond Surety ID (Rule 706): 20160104 Gas Facility Surety ID (Rule 711): _____
- Waste Management Surety ID (Rule 704): _____

LOCATION IDENTIFICATION

Name: Regnier Farms Number: 19H-B268 Wells
 County: WELD
 Quarter: NWNE Section: 19 Township: 2N Range: 68W Meridian: 6 Ground Elevation: 4965

Define a single point as a location reference for the facility location. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 62 feet FNL from North or South section line
 1803 feet FEL from East or West section line

Latitude: 40.131303 Longitude: -105.043129
 PDOP Reading: 1.9 Date of Measurement: 10/30/2014

Instrument Operator's Name: Chris Bettencourt

LOCAL GOVERNMENT INFORMATION

County: WELD Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "local government with jurisdiction to approve the siting of the proposed oil and gas location."

The local government with jurisdiction is: County _____

Does the local government with jurisdiction regulate the siting of Oil and Gas Locations, with respect to this COGCC application? If the local government has waived its right to precede the COGCC in siting determination, indicate by selecting "NO" here and selecting "Waived" below. Yes No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location.

The local government siting permit type is: _____

The local government siting permit was filed on: _____

The disposition of the application filed with the local government is: Waived

Additional explanation of local process:

RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is:	LOCATION ID #	FORM 2A DOC #
Well Site is served by Production Facilities	<u>435499</u>	<u>401150850</u>

FACILITIES

Indicate the number of each type of oil and gas facility planned on location

Wells <u>11</u>	Oil Tanks* _____	Condensate Tanks* _____	Water Tanks* _____	Buried Produced Water Vaults* _____
Drilling Pits _____	Production Pits* _____	Special Purpose Pits _____	Multi-Well Pits* _____	Modular Large Volume Tanks <u>2</u>
Pump Jacks _____	Separators* _____	Injection Pumps* _____	Cavity Pumps* _____	Gas Compressors* _____
Gas or Diesel Motors* _____	Electric Motors _____	Electric Generators* _____	Fuel Tanks* _____	LACT Unit* _____
Dehydrator Units* _____	Vapor Recovery Unit* _____	VOC Combustor* _____	Flare* _____	Pigging Station* _____

OTHER FACILITIES*

Other Facility Type	Number
_____	_____

Those facilities indicated by an asterisk () shall be used to determine the distance from the Production Facility to the nearest cultural feature on the Cultural Setbacks Tab.

Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

Oil, water and gas will flow combined to the facilities pad south of the well pad. The flowline is 3" FCA3 steel, epoxy coated, welded and pressure tested. It will be buried 4' deep.

CONSTRUCTION

Date planned to commence construction: 01/01/2019 Size of disturbed area during construction in acres: 12.37
Estimated date that interim reclamation will begin: 01/01/2020 Size of location after interim reclamation in acres: 1.50
Estimated post-construction ground elevation: 4965

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: Yes

Is H₂S anticipated? No

Will salt sections be encountered during drilling: No

Will salt based mud (>15,000 ppm Cl) be used? No

Will oil based drilling fluids be used? Yes

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted? _____

Reuse Facility ID: _____ or Document Number: _____

Centralized E&P Waste Management Facility ID, if applicable: _____

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Regnier Farms, Inc.

Phone: _____

Address: 500 County Road 20

Fax: _____

Address: _____

Email: _____

City: Longmont State: CO Zip: 80504-9483

Surface Owner: Fee State Federal Indian

Check all that apply. The Surface Owner: is the mineral owner

is committed to an oil and Gas Lease

has signed the Oil and Gas Lease

is the applicant

The Mineral Owner beneath this Oil and Gas Location is: Fee State Federal Indian

The Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: Yes

The right to construct this Oil and Gas Location is granted by: oil and gas lease

Surface damage assurance if no agreement is in place: _____ Surface Surety ID: _____

Date of Rule 306 surface owner consultation _____

CURRENT AND FUTURE LAND USE

Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP

Non-Crop Land: Rangeland Timber Recreational Other (describe): _____

Subdivided: Industrial Commercial Residential

Future Land Use (Check all that apply):

- Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
- Non-Crop Land: Rangeland Timber Recreational Other (describe): _____
- Subdivided: Industrial Commercial Residential

CULTURAL DISTANCE INFORMATION

Provide the distance to the nearest cultural feature as measured from Wells or Production Facilities onsite.

	From WELL	From PRODUCTION FACILITY
Building:	591 Feet	_____ Feet
Building Unit:	674 Feet	_____ Feet
High Occupancy Building Unit:	5280 Feet	_____ Feet
Designated Outside Activity Area:	5280 Feet	_____ Feet
Public Road:	807 Feet	_____ Feet
Above Ground Utility:	1145 Feet	_____ Feet
Railroad:	5280 Feet	_____ Feet
Property Line:	62 Feet	_____ Feet
School Facility::	5280 Feet	_____ Feet
School Property Line:	5280 Feet	_____ Feet
Child Care Center:	5280 Feet	_____ Feet

INSTRUCTIONS:

- All measurements shall be provided from center of nearest Well or edge of nearest Production Facility to nearest of each cultural feature as described in Rule 303.b.(3)A.
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, Designated Outside Activity Area, School Facility, and Child Care Center – as defined in 100 Series Rules.
- For measurement purposes only, Production Facilities should only include those items with an asterisk(*) on the Facilities Tab.

SCHOOL SETBACK INFORMATION

Was Notice required under Rule 305.a.(4)? Yes No

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:

- Buffer Zone
- Exception Zone
- Urban Mitigation Area

- Buffer Zone - as described in Rule 604.a.(2), within 1,000' of a Building Unit.
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.
- Large UMA Facility – as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: 03/09/2015

FOR MULTI-WELL PADS AND PRODUCTION FACILITIES WITHIN DESIGNATED SETBACK LOCATIONS ONLY:

- Check this box if this Oil and Gas Location has or will have Production Facilities that serve multiple wells (onl or offsite) and the Production Facilities are proposed to be located less than 1,000 feet from a Building Unit. *(Pursuant to Rule 604.c.(2)E.i., the operator must evaluate alternative locations for the Production Facilities that are farther from the Building Unit, and determine whether those alternative locations were technically feasible and economically practicable for the same proposed development.)*
- By checking this box, I certify that no alternative placements for the Production Facilities, farther from the nearest Building Unit, were available based on the analysis conducted pursuant to Rule 604.c.(2)E.i.

In the space below, explain rationale for siting the multi-well Production Facility(ies) that supports your Rule 604.c.(2)E.i determination. Attach documentation that supports your determination to this Form 2A.

SOIL

List all soil map units that occur within the proposed location. attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to be used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.org/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: 15 Colby loam, 1 to 3 percent slopes

NRCS Map Unit Name: 41 Nunn clay loam, 0 to 1 percent slopes

NRCS Map Unit Name: 16 Colby loam, 3 to 5 percent slopes

PLANT COMMUNITY:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes No

Plant species from: NRCS or, field observation Date of observation: _____

List individual species:

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): _____

WATER RESOURCES

Is this a sensitive area: No Yes

Distance to nearest

downgradient surface water feature: 645 Feet

water well: 4225 Feet

Estimated depth to ground water at Oil and Gas Location 25 Feet

Basis for depth to groundwater and sensitive area determination:

Depth to groundwater based on nearest permitted water well, Permit #75496.
Sensitive area based on depth to groundwater.

Is the location in a riparian area: No Yes

Was an Army Corps of Engineers Section 404 permit filed No Yes If yes attach permit.

Is the location within a Rule 317B Surface Water Supply Area buffer No
zone:

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: _____

Is the Location within a Floodplain? No Yes Floodplain Data Sources Reviewed (check all that apply)

Federal (FEMA)

State

County

Local

Other _____

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 318A

WILDLIFE

This location is included in a Wildlife Mitigation Plan

This location was subject to a pre-consultation meeting with CPW held on _____

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of a Building Unit) and is in an Urban Mitigation Area
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

RULE 502.b VARIANCE REQUEST

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number _____

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

Comments This amended 2A is being submitted as a corrective action in response to Inspection Report 674902570. The pad has been constructed.

There are 11 wells on this pad. There were originally 12 wells, however, now the L well is an AL.

See attached as-built drawing.

A temporary completions area of approximately 4.47 acres will be utilized for 2 fresh water storage tanks to be used during completions operations. The state-licensed manufacturer for the subject site will either be MWS or Pinnacle Manufacturing. The tanks will hold between 40,000-42,000 barrels, are between 153'-158' in diameter, and plan to be on location for 77 days. Once completions operations are complete, this area will be completely reclaimed. Crestone certifies that the MLVTs are designed and implemented consistent with the June 13, 2014 "Policy on the Use of Modular Large Volume Tanks in Colorado." Please see attached map for the location of the tanks.

Distance from MLVT to Building Unit is 612'.

Added NRCS Soil Survey 16 - Colby Loam 3 to 5 percent slopes.
Building unit owners waived 305.a and 305.c notification.
There are no changes to the SUA, access road map or multi-well plan.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 03/11/2019 Email: toby.sachen@crestonepr.com

Print Name: Toby Sachen Title: Contractor

Based on the information provided herein, this Oil and Gas Location Assessment complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved:  Director of COGCC Date: 7/20/2019

Conditions Of Approval

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

COA Type	Description
	The Operator shall adhere to all BMPs and COAs on the original and amended 2As for this location.

Best Management Practices

No	BMP/COA Type	Description
1	Traffic control	Under Rule 604.c.(2).D, if required by the local government, a traffic plan shall be coordinated with the local jurisdiction prior to commencement of move in and rig up. Any subsequent modification to the traffic plan must be coordinated with the local jurisdiction.
2	General Housekeeping	Per Rule 604.c(2)P All surface trash, debris, scrap or discarded material connected with the operations of the property shall be removed from the premises or disposed of in a legal manner.
3	General Housekeeping	Per Rule Rule 604.c(2)T. The well site will be cleared of all non-essential equipment, trash and debris after ninety days of a well P&A.
4	General Housekeeping	Per Rule 604.c(2)U. and Rule 319.a(5) Crestone Peak will identify plugged and abandoned wellbores according to Rule 319.a.(5). including the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). Crestone Peak will also inscribe or imbed the well number and date of plugging upon the permanent monument.
5	General Housekeeping	Per Rule 803 Crestone Peak shall direct site lighting downward and inward, and lighting shall be shielded so as to avoid glare on public roads and Building Units within one thousand (1000) feet.

6	General Housekeeping	Per Rule 604c(2)N Any material not in use that might constitute a fire hazard will be removed a minimum of twenty-five (25) feet from the wellhead, tanks and separator. Any electrical equipment installations inside the bermed area will comply with API RP 500 classifications and comply with the current national electrical code as adopted by the State of Colorado.
7	Storm Water/Erosion Control	Crestone will comply with COGCC Rule 1002.f.(2). by utilizing BMPs at the oil and gas location to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, site degradation and protects surface waters. Examples of engineering controls that could be used when needed are: o Surface roughening o Silt fence o Erosion control blanket o Temporary slope drain o Temporary outlet protection o Sediment control log o Vehicle tracking control o Sediment trap o Stabilized staging area
8	Material Handling and Spill Prevention	<ul style="list-style-type: none"> • Annual hydrostatic test on the oil dump line from the separator to the tank battery. • Annual hydrostatic “static” tests on our oil tanks. • Annual hydrostatic “static” tests on our produced water tank and water dump line from the separator to the produced water tank. • Lease Operator inspections of all equipment not to exceed 48 hours. • Monthly documented inspections (EU). • Annual environmental inspections of all battery and well equipment and pads. • Annual UT inspections of the pressure vessels and input into Encana’s RIPL Predictive Integrity Maintenance Program. (HLP separators and fuel gas separators)
9	Material Handling and Spill Prevention	Per Rule 805.b.(3)B.iii. Well effluent containing more than ten (10) barrels per day of condensate or within two (2) hours after first encountering hydrocarbon gas of salable quality will be directed to a combination of sand traps, separators, surge vessels, and tanks as needed to ensure safe separation of sand, hydrocarbon liquids, water, and gas and to ensure salable products are efficiently recovered for sale or conserved and that non-salable products are disposed of in a safe and environmentally responsible manner.
10	Dust control	Per Rule 805.c. Crestone Peak shall employ practices for control of fugitive dust caused by their operations. Such practices shall include but are not limited to the use of speed restrictions, regular road maintenance, restriction of construction activity during highwind days, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers, or automation of wells to reduce truck traffic may also be required if technologically feasible and economically reasonable to minimize fugitive dust emissions
11	Construction	Per Rule 604.c.(2)A.. The pad will be constructed in such a manner that noise mitigation may be installed and removed without disturbing the site or landscaping.
12	Construction	Per Rule 604.c.(2)S. Subject pad will have all weather access roads to allow for operator and emergency response.
13	Construction	Per Rule 604.c(2)M.Crestone Peak will install fencing to restrict access to wellheads and equipment.
14	Construction	Per Rule 604.c(2)S. At the time of construction, all leasehold roads will be constructed to accommodate local emergency vehicle access requirements, and will be maintained in a reasonable condition.
15	Construction	Per Rule 804. Production facilities, observable from any public highway shall be painted with uniform, non-contrasting, non-reflective color tones and with colors matched to but slightly darker than the surrounding landscape.

16	Noise mitigation	604.c.(2)A. - Crestone will perform a baseline noise survey prior to any operational activity measuring dBA at a distance 350 feet from the noise source or sound levels will be measured at a point twenty-five (25) feet from the structure towards the noise source. In situations where measurement of noise levels at three hundred and fifty (350) feet is impractical or unrepresentative due to topography, the measurement may be taken at a lesser distance and extrapolated to a 350-foot equivalent using the formula stated in Rule 802 of the State of Colorado Oil and Gas Conservation Commission. Crestone will install temporary 40 foot sound walls in all four directions to minimize noise and light impacts during drilling and completions and will install permanent noise mitigation at the facility location as necessary to meet all COGCC regulations.
17	Noise mitigation	The subject location will be constructed to allow potential future noise mitigation installation without disturbance.
18	Emissions mitigation	Per Rule 604.c(2)C.i. Flow lines, separators, and sand traps capable of supporting green completions as described in Rule 805 will be installed on subject location at which commercial quantities of gas are reasonably expected to be produced based on existing adjacent wells within 1 mile.
19	Emissions mitigation	Per Rule 604.c(2)C.iii. Temporary flowback flaring and oxidizing equipment will include: adequately sized equipment to handle 1.5 times the largest flowback volume of gas experienced in a ten mile radius. If there is overrun, Crestone Peak will shut in the well versus freely venting
20	Emissions mitigation	Per Rule 604.c(2)F Crestone Peak will follow and comply with all leak detection and repair and storage tank emission management plan conditions as required by Colorado Air Quality Control Commission Regulation Number 7. This will include at least monthly Audible, Visual and Olfactory (AVO) inspections of the components and tanks at our Production Facilities at most weekly or at least monthly starting on January 1, 2015. In addition, Crestone Peak will perform infra-red camera inspections of these components and the storage tanks at most monthly or at least annually.
21	Drilling/Completion Operations	Crestone Peak will comply with the "COGCC Policy on the Use of Modular Large Volume Tanks in Colorado" dated June 13, 2014. Crestone certifies that the MLVTs on this location will be designed and implemented consistent with the COGCC Policy on the use of MLVTs in the state of Colorado.
22	Drilling/Completion Operations	Per Rule 604.c.(2)Q. Guy line anchors in the DJ Basin are not installed. Crestone Peak will use an engineered base beam that we guy wire anchor the derricks to.
23	Drilling/Completion Operations	Per Rule 604.c(2)B.i. Crestone Peak will utilize a closed-loop system for drilling operations at this location.
24	Drilling/Completion Operations	Per Rule Rule 604.c(2)B.ii. Crestone Peak will not utilize pits.

Total: 24 comment(s)

Attachment Check List

Att Doc Num	Name
2316551	DIRECTOR CRITERIA REVIEW MEMO
401942143	FORM 2A SUBMITTED
401942254	OTHER
401950692	NRCS MAP UNIT DESC
401965358	HYDROLOGY MAP
401965650	LOCATION DRAWING

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed.	07/18/2019
OGLA	The Director Objective Criteria Review Summary (Doc#2316551) is attached to this Form 2A. Following additional analysis of the Director Objective Criteria, the Director determined that this application meets the standard for the protection of public health, safety, welfare, the environment and wildlife resources set by SB 19-181.	06/14/2019
OGLA	Location was reviewed by the Director for Objective Criteria under SB19-181 for being within 1500 feet of a building unit and sensitive water area. Review is attached as Director Objective Criteria Memo doc no 2316551. Operator provided local government information - unincorporated Weld County - previously had a WOGLA permit. OGLA task passed.	06/12/2019
OGLA	Requested local government information from the operator.	06/10/2019
OGLA	This is an amended location based on a corrective action response doc no 674902570 for expanding the disturbed area and adding MLVTs to the location. The original 2A was approved 6/13/2017 and the location has already been built. This is a well only location with related remote production to the south at location 451039. The approval of this Form 2A does not absolve the Operator from enforcement on violations beyond the increase of the disturbed area and addition of the MLVTs per the corrective action.	05/21/2019
OGLA	This is an amended location based on a corrective action response doc no 674902570 for expanding the disturbed area and adding MLVTs to the location. The original 2A was approved 6/13/2017 and the location has already been built. This is a well only location with related remote production to the south at location 451039.	05/21/2019
Permit	Pad was built 1/1/19.	05/02/2019
Permit	Requesting new construction date	04/30/2019
OGLA	Operator responded with one well on the location has been abandoned, so now 11 wells at the location. Disturbed area increase is 4.47 acres for MLVTs, removed BMP #13 and 24. Added BMP information for 40 foot sound walls on all sides of the location.	04/23/2019
OGLA	OGLA review: Original 2A had 12 wells, this has 11, request information on well count, increased disturbed area is 4.47 acres, but operator has 3.5 acres - request confirmation on size, request to remove BMP #13 and #24 regarding crude storage tanks as this is a well only location. Request specifics on sound wall placement.	04/22/2019
Permit	Passed completeness.	03/19/2019
OGLA	Passed Buffer Zone completeness review.	03/18/2019
Permit	Referred to OGLA supervisor for buffer zone review.	03/12/2019

Total: 13 comment(s)