EICD013 Notice of Intention, 7-22-20
v3.11 – Release 5.0 Approved Version
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1 INTRODUCTION

1.1 Purpose

This Business to Government (B2G) service is used to automatically create an *OFD016 – Notice of Intention* online form instance.

1.2 General Details

Detail	Description
EICD Name	Notice of Intention - B2G
Functional Group	Well Management
Source System	N/A
Target System	WellSTAR
Interface Type	B2G
Information Direction	Request
Expected Call Volume	Weekly
First Release	R2.0
Security	All Forms Submitters

1.3 Associated Use Cases

Use Case
UCE01 Submit and Maintain NOI

2   INTERFACE DETAILS

This section documents the interface flow details and how it accomplishes each goal. It also includes the input criteria (which records/files it processes) and the outputs (which records it creates/updates/deletes and which other artifacts it creates).

2.1   Input Interface Fields

This section lists the input fields of the EDD.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Contact Name	The name of the person to contact if there are any problems processing the file.	Y			Text	N/A
Contact Email	The email of the person to contact if there are any problems processing the file.	Y			Text	N/A
Contact Phone	The phone of the person to contact if there are any problems processing the file.	Y			Text	N/A
FormInformation.Organization Code	The organization code for the submitting organization.	Y	1	12	Text	Form Information step, Organization field.
FormInformation.Notice Type	The NOI notice type. See SD004 – NOIType.	Y			Text	Form Information step, Notice Type field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
FormInformation.Well API	This number is a ten-digit API (includes prefix for State). Do not include hyphens.	Conditional	10	10	Number	Form Information step, Well API field.
FormInformation.Wellbore Code	The specific wellbore that is being noticed for permit.	Conditional	2	2	Number	Form Information step, Wellbore
FormInformation.Is Supplementary Notice	true if this is a Supplementary Notice, false otherwise. Defaults to false.	N			true/false	Well Information 1 step, Is this a Supplementary Notice to a previously approved permit? field.
FormInformation.Permit Number	The permit number.	Conditional	1	20	Text	Form Information step, Permit Number field.
FormInformation.Description	This field adds an easily identifiable description of this specific online form instance. The description will be visible on the landing page within the Forms in Progress and Forms Submitted tabs.	Y	1	250	Text	Form Information step, Description field.
Proposed Well Type	The proposed well type. See SD004 – WellType.	Conditional			Text	Well Information 1 step, Proposed Well Type field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Bond.Bond Form Id	The form Id of the submitted Bond Information online form to associate with this NOI. Either the Bond Form Id or the Bond Number should be included.	Conditional			Number	Well Information 1 step, Bond Association field.
Bond.Bond Number	The bond number of the approved bond to associate with this NOI. Either the Bond Form Id or the Bond Number should be included.	Conditional			Text	Well Information 1 step, Bond Association field.
Lease.Lease Form Id	The form Id of the submitted Lease Information online form to associate with this NOI. Either the Lease Form Id or the Lease Name should be included.	Conditional			Number	Well Information 1 step, Lease Association field.
Lease.Lease Name	The name of the Oil and Gas lease associated to this Notice.	Conditional			Text	Well Information 1 step, Lease Association field.
Lease.Mineral And Surface Lease Coincide	Do the mineral and surface leases coincide? Defaults to false.	N			true/false	Well Information 1 step, Do the mineral and surface leases coincide field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Well Number	The well number.	Conditional			Text	Well Information 1 step, Well Number field.
Well Name	The well name.	Conditional			Text	Well Information 1 step, Well Name field.Well Information 1 step, Well Name field.
UIC Project Code	The associated UIC Project code(s), if applicable.	N			Text	Well Information 1 step, UIC Association field.
UGS Projects. UGS Project. UGS Project Code	The associated UGS Project code(s), if applicable.	N			Text	Well Information 1 step, UGS Association field.
Field	The Field the well is part of.	Conditional			Text	Well Information 1 step, Field field.
Area	The Area the well is part of.	Conditional			Text	Well Information 1 step, Area field.
Exploratory Well	true if this is an Exploratory Well. false otherwise. Defaults to false.	Conditional			true/false	Well Information 1 step, This is an exploratory well field.
Dry Hole	true if this is a Dry Hole. false otherwise. Defaults to false.	N			true/false	Well Information 1 step, This is a dry hole field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Confidentiality Request Included	true if this notice includes a confidentiality request letter. false otherwise. Defaults to false.	N			true/false	Well Information 1 step, This notice includes a confidentiality request field.
Well Stimulation Project Auth Request	true if this notice is submitted in conjunction with a request for Well Stimulation project authorization. false otherwise. Defaults to false.	N			true/false	Well Information 1 step, This notice submitted in conjunction with a request for Well Stimulation project authorization field.
Hydrogen Sulfide.Hydrogen Sulfide Anticipated	true if the presence of H2S (Hydrogen Sulfide) or waste gas is anticipated. false otherwise. Defaults to false.	Conditional			true/false	Well Information 1 step, The presence of H2S (Hydrogen Sulfide) or waste gas is anticipated field.
Hydrogen Sulfide.Concentration PPM	The H2S concentration in parts per million.	Conditional			Integer	Well Information 1 step, H2S Concentration (ppm) field.
Penetrated UIC Project. Penetrated UIC Project Relationship	true if this well will penetrate or pass through a UIC Project. false otherwise. Defaults to false.	N			true/false	Well Information 1 step, This well penetrates or passes through a UIC Project field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Penetrated UIC Project. Penetrated UIC Project Code	The Penetrated UIC Project Code(s). Only applicable if the Penetrated UIC Project Relationship is true. Note: The selection values differ from the UIC Project Code field above. This indicates a spatial relationship to a UIC project, not an operational one.	N			Text	Well Information 1 step, UIC Project Association field.
Penetrated UGS Projects. Penetrated UGS Project Relationship	true if this well will penetrate or pass through a UGS Project. false otherwise. Defaults to false.	N			true/false	Well Information 1 step, This well penetrates or passes through a UGS Project field.
Penetrated UGS Projects. Penetrated UGS Project. PenetratedUGSProjectCode	The Penetrated UGS Project Code(s). Only applicable if the Penetrated UGS Project Relationship is true. Note: The selection values differ from the UGS Project Code field above. This indicates a spatial relationship to a UGS project, not an operational one.	N			Text	Well Information 1 step, UGS Project Association field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Thermal Enhanced Recovery Project.Thermal Enhanced Recovery Project Relationship	true if this well will pass into or through a thermal enhanced recovery project. false otherwise. Defaults to false.	Conditional			true/false	Well Information 1 step, This proposal will result in the well passing into, or through, a thermal enhanced recovery project field.
Thermal Enhanced Recovery Project.Thermal Enhanced Recovery Project Description	Describe the proposed steps to address the anticipated heat.	Conditional		500	Text	Well Information 1 step, Thermal Heat field.
Notice Abandons Last Well On Lease	true if the notice abandons the last well on a lease. false otherwise. Defaults to false.	Conditional			true/false	Well Information 1 step, This notice submitted abandons the last Well on a Lease field.
Depth Measurement.Depth Taken From	The depth datum value. See SD004 – DepthDatum	Conditional			Text	Well Information 2 step, Depth Datum field.
Depth Measurement.Depth Feet Above Ground	The elevation of the depth datum in feet.	Conditional			Decimal	Well Information 2 step, Elevation of Depth Datum field.
Proposed Elevation Of Ground Above Sea Level	The proposed elevation of ground above sea level.	Y			Decimal	Well Information 2 step, Elevation of ground above Mean Sea Level field.
Wellbore Depths.Proposed Bottom Hole Depth MD	Proposed bottom hole depth (MD) in feet.	N			Decimal	Well Information 2 step, Wellbore Depths grid, Proposed=Bottom Hole (MD) field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Wellbore Depths.Proposed Bottom Hole Depth TVD	Proposed bottom hole depth (TVD) in feet.	N			Nu Decimal mber	Well Information 2 step, Wellbore Depths grid, Proposed =Bottom Hole (TVD) field.
Wellbore Direction	The wellbore drilling direction. See SD004 – DeviationTypeKey.	Conditi onal			Text	Well Information 2 step, Please select the direction of this wellbore field.
Underbalanced Fluids Program Drilling	Yes, if this well will be drilled with underbalanced fluids program. No otherwise.	N			Yes/No	Well Information 2 step, This well will be drilled with underbalanced fluids program field.
Zone Information.Fresh Water Present	Yes, if fresh water is present. No otherwise.	N			Yes/No	Well Information 2 step, Fresh Water is present field.
Zone Information.USDW Present	Yes, if USDW is present. No or Unknown otherwise.	N			Yes/No/ Unknow n	Well Information 2 step, USDW present field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Category	The zone category. See SD004 – ZoneCategory. See Special Considerations	Y			Text	Well Information 2 step, Zones of Significance grid, Zone Category field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Name	The zone name. See SD004 – LocationZone.	N			Text	Well Information 2 step, Zones of Significance grid, Zone Name field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Zone Information.Zones Of Significance.Zone Of Significance.Zone Expected Actual	Expected or Actual zone.	N			Expected, Actual	Well Information 2 step, Zones of Significance grid, Estimated/Actual field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Top TVD	Top TVD in feet.	N			Number	Well Information 2 step, Zones of Significance grid, Top TVD field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Top MD	Top MD in feet.	N			Number	Well Information 2 step, Zones of Significance grid, Top MD field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Bottom TVD	Bottom TVD in feet.	N			Number	Well Information 2 step, Zones of Significance grid, Bottom TVD field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Bottom MD	Bottom MD in feet.	N			Number	Well Information 2 step, Zones of Significance grid, Bottom MD field.
Zone Information.Zones Of Significance.Zone Of Significance.Zone Pressure PSI	Pressure in PSI.	N			Number	Well Information 2 step, Zones of Significance grid, Pressure field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Zone Information.Zones Of Significance.Zone Of Significance.Zone Oil Gas Show		N			true/false	Well Information 2 step, Zones of Significance grid, Oil/Gas Show field.
Significant Geologic Markers		N		200	Text	Well Information 2 step, Describe any known significant geologic markers below, and estimated depths field
Blowout Prevention Equipment.Annular Preventer.Annular Preventer Present	true if an annular preventer is present. false otherwise. Defaults to false.	N			true/false	Well Information 2 step, Annular Preventer field.
Blowout Prevention Equipment.Annular Preventer.Annular Preventer Pressure Rating PSI	Pressure rating in PSI.	N			Number	Well Information 2 step, Pressure Rating field.
Blowout Prevention Equipment.Ram Types.Pipe.Pipe Pressure Rating Present	true if a pipe is present. false otherwise. Defaults to false.	N			true/false	Well Information 2 step, Pipe field.
Blowout Prevention Equipment.Ram Types.Pipe.Pipe Pressure Rating PSI	The pipe pressure rating in PSI.	N			Number	Well Information 2 step, Pipe Pressure Rating field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Blowout Prevention Equipment.Ram Types.Pipe.Pipe Quantity	The pipe quantity.	N			Number	Well Information 2 step, Pipe How many? field.
Blowout Prevention Equipment.Ram Types.Blind.Blind Pressure Rating Present	true if a blind is present. false otherwise. Defaults to false.	N			true/false	Well Information 2 step, Blind field.
Blowout Prevention Equipment.Ram Types.Blind.Blind Pressure Rating PSI	The blind pressure rating in PSI.	N			Number	Well Information 2 step, Blind Pressure Rating field.
Blowout Prevention Equipment.Ram Types.Blind.Blind Quantity	The blind quantity.	N			Number	Well Information 2 step, Blind How Many? field.
Blowout Prevention Equipment.Ram Types.Shear.Shear Pressure Rating Present	true if a shear is present. false otherwise. Defaults to false.	N			true/false	Well Information 2 step, Shear field.
Blowout Prevention Equipment.Ram Types.Shear.Shear Pressure Rating PSI	The shear pressure rating in PSI.	N			Number	Well Information 2 step, Shear Pressure Rating field.
Blowout Prevention Equipment.Ram Types.Shear.Shear Quantity	The shear quantity.	N			Number	Well Information 2 step, Shear How many? field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Blowout Prevention Equipment.Rotating Head.Rotating Head Present	true if a rotating head is present. false otherwise. Defaults to false.	N			true/false	Well Information 2 step, Rotating Head field.
Blowout Prevention Equipment.Rotating Head.Rotating Head Pressure Rating PSI	The rotating head pressure rating in PSI.	N			Number	Well Information 2 step, Rotating Head Pressure field.
Drilling Program Information.Salt Formations.Salt Formations Anticipated	true if salt formations are anticipated. False otherwise. Defaults to false.	N			true/false	Well Information 2 step, Salt Formations are anticipated field.
Drilling Program Information.Salt Formations.Salt Formation Names	Multiple Salt Formation Names are allowed.	N		200	Text	Well Information 2 step, Formation Names field.
Drilling Program Information.Salt Based Drilling Fluids	true if Salt-based drilling fluids are anticipated. Defaults to false	N			true/false	Well Information 2 step, Salt based drilling fluids will be used field.
Drilling Program Information.Oil Based Drilling Fluids	true if Oil-based drilling fluids are anticipated. Defaults to false	N			true/false	Well Information 2 step, Oil based drilling fluids will be used field.
Drilling Program Information.Mud System	See SD004 – MudSystem.	N			Text	Well Information 2 step, Mud System field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Drilling Program Information.Mud Disposal Method	See SD004 – MudDisposal.	N			Text	Well Information 2 step, Mud Disposal Method field.
Drilling Program Information.Cuttings Disposal	See SD004 – CuttingsDisposal.	N			Text	Well Information 2 step, Cuttings Disposal field.
Surface Location Information.Surface Section	Section of the surface location. See SD004 – LocationSection.	Conditional			Text	Location Information step, Proposed Surface Location section, Section field.
Surface Location Information.Surface Township Number	Township number of the surface location. See SD004 – LocationTownship.	Conditional			Text	Location Information step, Proposed Surface Location section, Township field.
Surface Location Information. Surface Township Direction	Township direction of the surface location. See SD004 – TownshipDirection.	Conditional			N or S	Location Information step, Proposed Surface Location section, Township field.
Surface Location Information.Surface Range Number	Range number of the surface location. See SD004 - LocationRange	Conditional			Text	Location Information step, Proposed Surface Location section, Range field.
Surface Location Information. Surface Range Direction	Range direction of the surface location. See SD004 – RangeDirection.	Conditional			E or W	Location Information step, Proposed Surface Location section, Range field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Surface Location Information.Surface BM	Base Meridian of the surface location. See SD004 - LocationBM.	Conditional			Text	Location Information step, Proposed Surface Location section, B&M field.
Surface Location Information.Surface Latitude	Latitude of the surface location. Latitude of the surface location in NAD 83.	Conditional			Decimal	Location Information step, Proposed Surface Location section, Latitude field.
Surface Location Information.Surface Longitude	Longitude of the surface location. Latitude of the surface location in NAD 83.	Conditional			Decimal	Location Information step, Proposed Surface Location section, Longitude field.
Surface Location Information.Surface County	County of the surface location. See SD004 – County.	Conditional			Text	Location Information step, Proposed Surface Location section, County field.
Surface Location Information.Surface Corner Call	Corner Call of the surface location.	Conditional		400	Text	Location Information step, Proposed Surface Location section, Corner Call field.
Surface Location Information.Location Source	Location source of the surface location. See SD004 – GeoDataSource.	N			Text	Location Information step, Proposed Surface Location section, Location Source field.
Surface Location Information.Date Collected	Date the surface location was collected.	N			Date (in YYYY-MM-DD format)	Location Information step, Proposed Surface Location section, Date Collected field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Surface Location Information.Location Description	Location Description of the surface location.	N		1000	Text	Location Information step, Proposed Surface Location section, Location Description field.
Surface Location Information.Offshore Well	true if this is an offshore well. False otherwise. Defaults to false.	Conditional			true/false	Location Information step, Proposed Surface Location section, This is an offshore well field.
Surface Location Information.Well In Urban Area	true if this well is in an urban area. False otherwise. Defaults to false.	Conditional			true/false	Location Information step, Proposed Surface Location section, This well is in an urban area field.
Surface Location Information.Well In Tidal Zone	true if this well is in a tidal zone, false otherwise. Defaults to false.	Conditional			true/false	Location Information step, Proposed Surface Location section, This well is in a tidal zone field.
Surface Location Information.Critical Well Or Environmentally Sensitive Area.Critical Well	true if this is a critical well as defined in California CCR, title 14, to Section 1720(a). False otherwise. Defaults to false.	Conditional			true/false	Location Information step, Proposed Surface Location section, This is a critical well as defined in California CCR, title 14, to Section 1720(a) field.
Surface Location Information.Critical Well Or Environmentally Sensitive Area.Critical Well Textbox	2,000 characters. Required if Critical Well = true.	Conditional		2000	Text	Location Information step, Proposed Surface Location section, Critical Well Information field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Surface Location Information.Critical Well Or Environmentally Sensitive Area.Environmentally Sensitive Area	true if this well is in an environmentally sensitive area as defined in California CCR, title 14, to Section 1760(e). False otherwise. Defaults to false.	Conditional			true/false	Location Information step, Proposed Surface Location section, This well is in an environmentally sensitive area as defined in California CCR, title 14, to Section 1760(e) field.
Surface Location Information.Critical Well Or Environmentally Sensitive Area.Environmentally Sensitive Well Textbox	2,000 characters. Required if Enviromentally Sensitive Well = true.	Conditional		2000	Text	Location Information step, Proposed Surface Location section, Enviromentally Sensitive Well Information field.
Bottom Hole Location Information.Bottom Hole Section	Section of the bottom hole location. See SD004 – LocationSection.	Conditional			Text	Location Information step, Proposed Bottom Hole Location section, Section field.
Bottom Hole Location Information.Bottom Hole Township Number	Township number of the bottom hole location. See SD004 – LocationTownship.	Conditional			Text	Location Information step, Proposed Bottom Hole Location section, Township field.
Bottom Hole Location Information.Bottom Hole Township Direction	Township direction of the bottom hole location. See SD004 – TownshipDirection.	Conditional			N or S	Location Information step, Proposed Bottom Hole Location section, Township field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Bottom Hole Location Information.Bottom Hole Range Number	Range of the bottom hole location. See SD004 - LocationRange.	Conditional			Text	Location Information step, Proposed Bottom Hole Location section, Range field.
Bottom Hole Location Information.Bottom Hole Range Direction	Range direction of the bottom hole location. See SD004 – RangeDirection.	Conditional			E or W	Location Information step, Proposed Bottom Hole Location section, Range field.
Bottom Hole Location Information.Bottom Hole BM	Base Meridian of the bottom hole location. See SD004 - LocationBM.	Conditional			Text	Location Information step, Proposed Bottom Hole Location section, B&M field.
Bottom Hole Location Information.Bottom Hole Latitude	Latitude of the bottom hole location. Latitude of the bottom hole location in NAD 83.	Conditional			Decimal	Location Information step, Proposed Bottom Hole Location section, Latitude field.
Bottom Hole Location Information.Bottom Hole Longitude	Longitude of the bottom hole location. Latitude of the bottom hole location in NAD 83.	Conditional			Decimal	Location Information step, Proposed Bottom Hole Location section, Longitude field.
Bottom Hole Location Information.Bottom Hole County	County of the bottom hole location. See SD004 – County.	Conditional			Text	Location Information step, Proposed Bottom Hole Location section, County field.
Bottom Hole Location Information.Bottom Hole Corner Call	Corner Call of the bottom hole location.	Conditional		400	Text	Location Information step, Proposed Bottom Hole Location section, Corner Call field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Feature Type	The feature type. See SD004 – WellFeatureTypes. See Special Considerations	Y			Text	Feature and Cement step, Feature Record grid, Feature field.
WellboreConstructionFeatures.Feature.Feature Top MD	Feature Top MD (ft).	Y			Decimal	Feature and Cement step, Feature Record grid, Top field.
WellboreConstructionFeatures.Feature.Feature Bottom MD	Feature Bottom MD (ft).	Y			Decimal	Feature and Cement step, Feature Record grid, Bottom field.
WellboreConstructionFeatures.Feature.Feature Outside Diameter	Outside Diameter.	N			Decimal (up to 3 decimal digits)	Feature and Cement step, Feature Record grid, Outside Diameter field.
WellboreConstructionFeatures.Feature.Feature Inside Diameter	Inside Diameter.	N			Decimal (up to 3 decimal digits)	Feature and Cement step, Feature Record grid, Inside Diameter field.
WellboreConstructionFeatures.Feature.Feature Weight	The weight in pounds.	N			Decimal	Feature and Cement step, Feature Record grid, Weight field.
WellboreConstructionFeatures.Feature.Feature Grade Or Type	The grade. See SD004 – GradeKey.	N			Text	Feature and Cement step, Feature Record grid, Grade/Type field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Feature Is New Pipe	Yes, No – New Pipe.	N			Yes, No, N/A	Feature and Cement step, Feature Record grid, New Pipe field.
WellboreConstructionFeatures.Feature.Feature Is Pulled	Yes, No – Pulled Feature.	N			Yes, No, N/A	Feature and Cement step, Feature Record grid, Pulled field.
WellboreConstructionFeatures.Feature.Feature Install Date	The install date.	N			Date (in YYYY-MM-DD format)	Feature and Cement step, Feature Record grid, Install Date field.
WellboreConstructionFeatures.Feature.Feature Remove Date	The remove date.	N			Date (in YYYY-MM-DD format)	Feature and Cement step, Feature Record grid, Remove Date field.
WellboreConstructionFeatures.Feature.Feature Pressure	The pressure in PSI.	N			Number	Feature and Cement step, Feature Record grid, Burst Pressure field.
WellboreConstructionFeatures.Feature.Feature Connection Type	The connection type. See SD004 – ConnectionTypeKey.	N			Text	Feature and Cement step, Feature Record grid, Connection Type field.
WellboreConstructionFeatures.Feature.FeatureDescription	The feature description.	N		255	Text	Feature and Cement step, Feature Record grid, Description field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Inside Outside Casing	Multiple Cement Segments are allowed per feature. See Special Considerations	Y			Inside, Outside, N/A	Feature and Cement step, Cement Segment grid, Inside Casing field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Top	The cement Segment Top MD (ft).	Y			Decimal	Feature and Cement step, Cement Segment grid, Cement Top MD field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Bottom	The cement Segment Bottom MD (ft).	Y			Decimal	Feature and Cement step, Cement Segment grid, Cement Bottom MD field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment. Cement Segment Volume Cubic Feet	The volume in cubic feet.	N			Decimal	Feature and Cement step, Cement Segment grid, Volume (cubic ft).
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment. Cement Segment Volume Sacks	The volume in sacks.	N			Decimal	Feature and Cement step, Cement Segment grid, Volume Sacks

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment. Cement Segment Yield Cubic Feet Per Sack	The Yield in cubic feet per sack.	N			Decimal	Feature and Cement step, Cement Segment grid, Yield (cubic ft per sack) field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment. Cement Segment Verify Method	The verification method. See SD004 – VerifyMethod.	N			Text	Feature and Cement step, Cement Segment grid, Verify Method field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Cementing Company	The cementing company.	N			Text	Feature and Cement step, Cement Segment grid, Cementing Company field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Install Date	The Cement Segment install date.	N			Date (in YYYY-MM-DD format)	Feature and Cement step, Cement Segment grid, Install Date field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Remove Date	The Cement Segment remove date.	N			Date (in YYYY-MM-DD format)	Feature and Cement step, Cement Segment grid, Remove Date field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Cement Id	The cement Id.	N			Text	Feature and Cement step, Cement Segment grid, Cement ID field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Job Type	The job type. See SD004 – JobType.	N			Text	Feature and Cement step, Cement Segment grid, Job Type field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Segment Description	The cement segment description.	N		500	Text	Feature and Cement step, Cement Segment grid, Description field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Classes.Cement Class.Cement Class Cement Type	The cement type. See SD004 – CementTypeKey . Multiple cement classes are allowed per cement segment. See Special Considerations	Y			Text	Feature and Cement step, Cement Class grid, Cement Type field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Classes.Cement Class.Cement Class Weight	The cement class weight in pounds per gallon.	N			Decimal	Feature and Cement step, Cement Class grid, Weight (lbs/gal) field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Classes.Cement Class.Cement Class Slurry Consistency	The cement class slurry consistency in Bc.	N			Decimal	Feature and Cement step, Cement Class grid, Slurry Consistency (Bc)field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Classes.Cement Class Compressive Strength	The compressive strength.	N			Decimal	Feature and Cement step, Cement Class grid, Compressive Strength field.
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Classes.Cement Class.Cement Class Lead Tail		N			Text (Lead or Tail)	Feature and Cement step, Cement Class grid, Lead/Tail field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
WellboreConstructionFeatures.Feature.Cement Segments.Cement Segment.Cement Classes.Cement Class.Cement Class Description	The cement class description/additives.	N		255	Text	Feature and Cement step, Cement Class grid, Description/Additives field.
WellboreFeatureNotes	Multiline textbox for External Users to provide notes about which existing Features/Segments/Classes they would like an Internal User to remove.	N			Text	Feature and Cement step, Notes field.
Completion Intervals.Completion Interval.Completion Interval Type	See SD004 – WellType. "Multipurpose" and "Injection" should not be selectable for Completion Interval Type. See Special Considerations	Y			Text	Completion and Perforation step, Completion Interval grid, Type field.
Completion Intervals.Completion Interval.Completion Interval Status	See SD004 – WellStatus. "Plugged & Abandoned" should not be selectable for Completion Interval Status.	Y			Text	Completion and Perforation step, Completion Interval grid, Status field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Completion Intervals.Completion Interval.Injection Method	See SD004 Reference Data InjectionMethod	N			Text	Completion and Perforation step, Completion Interval grid, Injection Method field.
Completion Intervals.Completion Interval.Completion Interval Field Name	The Field name for the completion interval.	Y			Text	Completion and Perforation step, Completion Interval grid, Field Name field.
Completion Intervals.Completion Interval.Completion Interval Area Name	The Area name for the completion interval.	Y			Text	Completion and Perforation step, Completion Interval grid, Area Name field.
Completion Intervals.Completion Interval.Completion Interval Pool Name	The Pool name for the completion interval.	Y			Text	Completion and Perforation step, Completion Interval grid, Pool Name field.
Completion Intervals.Completion Interval.Completion Interval Top	The Top MD (ft).	Y			Decimal	Completion and Perforation step, Completion Interval grid, Top MD field.
Completion Intervals.Completion Interval.Completion Interval Bottom	The Bottom MD (ft).	Y			Decimal	Completion and Perforation step, Completion Interval grid, Bottom MD field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Completion Intervals.Completion Interval.Completion Interval Formation	The Formation. See SD004 – LocationZone.	Y			Text	Completion and Perforation step, Completion Interval grid, Formation field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Type	The perforation type. See SD004 – PerforationType. See Special Considerations	Y			Text	Completion and Perforation step, Perforation grid, Type field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Status	The perforation status. See SD004 – PerforationStatus	Y			Text	Completion and Perforation step, Perforation grid, Status field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Top	The perforation Top MD (ft).	Y			Decimal	Completion and Perforation step, Perforation grid, Top MD field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Bottom	The perforation Bottom MD (ft).	Y			Decimal	Completion and Perforation step, Perforation grid, Bottom MD field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Diameter	The perforation Diameter (inches).	N			Decimal (Up to 3 decimal places)	Completion and Perforation step, Perforation grid, Diameter field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Spacing	The perforation Spacing (degree phasing).	N			Decimal	Completion and Perforation step, Perforation grid, Spacing field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Number Of Shots	The Number of Shots (shots per foot).	N			Number < 10,000	Completion and Perforation step, Perforation grid, Number of Shots field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Perforated Date	The perforated date.	N			Date (in YYYY-MM-DD format)	Completion and Perforation step, Perforation grid, Perforated Date field.
Completion Intervals.Completion Interval.Completion Perforations.Completion Perforation.Completion Perforation Perforation Notes	The perforation notes.	Y, required when Type = "Other/ Describe".			Text	Completion and Perforation step, Perforation grid, Perforation Notes field.
CompletionPerforationNotes	Multiline textbox for External Users to provide notes about which existing Completion Intervals/Perforations they would like an Internal User to remove.	N			Text	Completion and Perforation step, Notes field.
Proposed Work	A textual description of the proposed work that is to be done.	N		2500		Proposed Work step, Proposed Work field.

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.LocalAgencyPreparedEnvironmentalDocument	Whether a local agency prepared the Environmental Document for this project.	Yes			true/false	CEQA Information step
CEQAInformation.EnvironmentalDocumentFromPreviousScope	Whether the project is within scope of a prior Environmental document.	No			true/false	
CEQAInformation.EnvironmentalDocumentExempt	Whether the project was exempt from having an Environmental document.	No			true/false	
CEQAInformation.PermitIssued	Whether a permit was issued.	No			true/false	
CEQAInformation.CEQALeadAgencyExists	Whether there is a CEQA Lead Agency.	Yes			true/false	
CEQAInformation.NEPALeadAgencyExists	Whether there is an NEPA Lead Agency.	Yes			true/false	
CEQAInformation.SurfaceOwnershipPrivate	Whether the surface ownership is private.	No			true/false	
CEQAInformation.SurfaceOwnershipState	Whether the surface ownership is state.	No			true/false	
CEQAInformation.SurfaceOwnershipFederal	Whether the surface ownership is federal.	No			true/false	
CEQAInformation.SurfaceOwnershipTribal	Whether the surface ownership is tribal.	No			true/false	

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.SurfaceOwnershipAgencyName	Name of the surface ownership agency.	No	0	2000	Text	
CEQAInformation.MineralOwnershipPrivate	Whether the mineral ownership is private.	No			true/false	
CEQAInformation.MineralOwnershipState	Whether the mineral ownership is state.	No			true/false	
CEQAInformation.MineralOwnershipFederal	Whether the mineral ownership is federal.	No			true/false	
CEQAInformation.MineralOwnershipTribal	Whether the mineral ownership is tribal.	No			true/false	
CEQAInformation.MineralOwnershipAgencyName	Name of the mineral ownership agency.	No	0	2000	Text	
CEQAInformation.CEQAProjectDescription	Description of the CEQA project.	Yes	0	2000	Text	

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyName	Name of the CEQA Lead Agency.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).	0	2000	Text	
CEQAInformation.CEQALead Agency.CEQALeadAgencyContact	Contact Name for the CEQA Lead Agency.	No	0	2000	Text	

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyAddress1	Address Line 1 of the CEQA Lead Agency.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).	0	2000	Text	
CEQAInformation.CEQALead Agency.CEQALeadAgencyAddress2	Address Line 2 of the CEQA Lead Agency.	No	0	2000	Text	

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyCit y	City of the CEQA Lead Agency.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR).	0	2000	Text	
CEQAInformation.CEQALead Agency.CEQALeadAgencySta te	State of the CEQA Lead Agency.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR).	0	2	Text	

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALead Agency.ZipCode	Zip Code of the CEQA Lead Agency.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).			Zip Code	CEQA Information Step, CEQA Lead Agency, Zip Code Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyPh one	Phone Number of the CEQA Lead Agency.	No			Phone Number	CEQA Information Step, CEQA Lead Agency, Phone Number Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyPh oneExt	Phone Number Extension of the CEQA Lead Agency.	No			Phone Number Extensio n (Ext)	CEQA Information Step, CEQA Lead Agency, Phone Number (Ext) Object
CEQAInformation.CEQALead Agency.CEQAEmail	Email Address of the CEQA Lead Agency.	No			Email Address	CEQA Information Step, CEQA Lead Agency, Email Address Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyDo cNegativeDeclaration	Whether a Negative Declaration document is included.	No			true/fals e	CEQA Information Step, CEQA Lead Agency, CEQA Documentation: Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALeadAgency.CEQALeadAgencyDocMitigatedDeclaration	Whether a Mitigated Negative Declaration document is included.	No			true/false	
CEQAInformation.CEQALeadAgency.CEQALeadAgencyDocEnvImpactReport	Whether an Environmental Impact Report document is included.	No			true/false	
CEQAInformation.CEQALeadAgency.CEQALeadAgencyDocSubsequent	Whether a Subsequent document is included.	No			true/false	
CEQAInformation.CEQALeadAgency.CEQALeadAgencyDocSupplemental	Whether a Supplemental document is included.	No			true/false	
CEQAInformation.CEQALeadAgency.CEQALeadAgencyDocAddendum	Whether an Addendum document is included.	No			true/false	
CEQAInformation.CEQALeadAgency.CEQALeadAgencyDocSubstitute	Whether a Substitute document is included.	No			true/false	
CEQAInformation.CEQALeadAgency.CEQALeadAgencyProjectTitle	Title of the CEQA project.	No	0	2000	Text	CEQA Information Step, CEQA Lead Agency, Project Title Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyProjectScope	Scope of the CEQA project.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).	0	2000	Text	CEQA Information Step, CEQA Lead Agency, Project Scope Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyDateCertifiedOrAdopted	Date the CEQA project was EIR Certified or ND/MND Adopted.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).			Date (in YYYY-MM-DD format)	CEQA Information Step, CEQA Lead Agency, Date EIR Certified or ND/MND Adopted Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyClearinghouseNumber	State Clearinghouse Number of the CEQA project.	No			Text	CEQA Information Step, CEQA Lead Agency, State Clearinghouse Number Object
CEQAInformation.CEQALead Agency.CEQALeadAgencyNoticeType	CEQA Notice type.	Yes, if "Yes" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR).			LocalResolution, NA, NoticeOfDetermination	CEQA Information Step, CEQA Lead Agency, CEQA Notice Type Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.Local Agency.LocalAgencyName	Name of the Local Agency.	Yes, if "No" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).	0	2000	Text	CEQA Information Step, Local Agency, Local Agency Name Object
CEQAInformation.Local Agency.LocalAgencyContact	Name of the Local Agency contact.	Yes, if "No" selected in "Is there a CEQA Lead Agency? (Other than DOGGR).	0	2000	Text	CEQA Information Step, Local Agency, Local Agency Contact Name Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.Local Agency.LocalAgencyCEQADocumentationExempt	Whether the Local Agency CEQA Documentation is exempt.	Yes, if "No" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR).			true/false	CEQA Information Step, Local Agency, CEQA Documentation Object
CEQAInformation.Local Agency.LocalAgencyClearinghouseNumber	Local Agency State Clearinghouse number.	No. Only available if "Exempt" selected in CEQA Documentation	0	2000	Text	CEQA Information Step, Local Agency, State Clearinghouse Number Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.Local Agency.LocalAgencyCEQANoticeType	Local Agency CEQA Notice type.	Yes. if "No" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR). Only available if "Exempt" selected in CEQA Documentation			NA, LocalResolution, Noticeof Exemption	CEQA Information Step, Local Agency, CEQA Notice Type Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.Local Agency.LocalAgencyContact Date	Local Agency contact date.	Yes. if "No" selected in "Is there a CEQA Lead Agency? (Other than DOGGR). Only available if "None Available" selected in CEQA Documentation			Date (in YYYY-MM-DD format)	CEQA Information Step, Local Agency, Local Agency Contact Date Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.Local Agency.LocalAgencyPhone	Phone Number of the Local Agency.	Yes. if "No" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR).			Phone Number	CEQA Information Step, Local Agency, Phone Number Object
CEQAInformation.Local Agency.LocalAgencyPhoneN umberExt	Phone Extension of the Local Agency.	No			Phone Number Extensio n (Ext)	CEQA Information Step, Local Agency, Phone Number Extension (Ext.) Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.Local Agency.LocalAgencyEmail	Email Address of the Local Agency.	Yes. if "No" selected in "Is there a CEQA Lead Agency ? (Other than DOGGR).			Email Address	CEQA Information Step, Local Agency, Email Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyName	Name of the NEPA Lead Agency.	Yes, if "Yes" selected for "Is there a NEPA Lead Agency ?"	0	2000	Text	CEQA Information Step, NEPA Agency, NEPA Lead Agency Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyContact	Name of the NEPA Lead Agency contact.	No	0	2000	Text	CEQA Information Step, NEPA Agency, NEPA Lead Agency Contact Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyAd dress1	Address Line 1 of the NEPA Lead Agency.	Yes, if "Yes" selecte d for "Is there a NEPA Lead Agency ?"			Address Line 1	CEQA Information Step, NEPA Agency, NEPA Lead Agency Address Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyAd dress2	Address Line 2 of the NEPA Lead Agency.	No			Address Line 2	CEQA Information Step, NEPA Agency, Address Line 2 Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyCit y	City of the NEPA Lead Agency.	Yes, if "Yes" selecte d for "Is there a NEPA Lead Agency ?"			City	CEQA Information Step, NEPA Agency, City Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.NEPALead Agency.NEPALeadAgencySta te	State of the NEPA Lead Agency.	Yes, if "Yes" selecte d for "Is there a NEPA Lead Agency ?"			State	CEQA Information Step, NEPA Agency, State Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyZip Code	Zip Code of the NEPA Lead Agency.	Yes, if "Yes" selecte d for "Is there a NEPA Lead Agency ?"			Zip Code	CEQA Information Step, NEPA Agency, Zip Code Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyPh one	Phone Number of the NEPA Lead Agency.	Yes, if "Yes" selecte d for "Is there a NEPA Lead Agency ?"			Phone Number	CEQA Information Step, NEPA Agency, Phone Number Object

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyPh oneExt	Phone Extension of the NEPA Lead Agency.	No			Phone Number Extensio n (Ext)	CEQA Information Step, NEPA Agency, Phone Number Extension (Ext) Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyEm ail	Email Address of the NEPA Lead Agency.	Yes, if "Yes" selecte d for "Is there a NEPA Lead Agency ?"			Email Address	CEQA Information Step, NEPA Agency, Email Address Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyDo cCategoricalExclusion	Whether a Categorical Exclusion document is included.	No			true/fals e	CEQA Information Step, NEPA Agency, NEPA Documentation Object
CEQAInformation.NEPALead Agency.NEPALeadAgencyDo cEnvAssessment	Whether an Environmental Assessment document is included.	No			true/fals e	
CEQAInformation.NEPALead Agency.NEPALeadAgencyDo cSundryNotice	Whether a Sundry Notice document is included.	No			true/fals e	

Field	Description	Req'd	Min Length	Max Length	Format	Form Step & Object
CEQAInformation.NEPALeadAgency.NEPALeadAgencyDocEnvImpactStatement	Whether an Environmental Impact Statement document is included.	No			true/false	
CEQAInformation.NEPALeadAgency.NEPALeadAgencyProjectTitle	Project Title.	No			Text	CEQA Information Step, NEPA Agency, Project Title Object
CEQAInformation.NEPALeadAgency.NEPALeadAgencyProjectNumber	NEPA Project Number.	No			Text	CEQA Information Step, NEPA Agency, NEPA Project Number Object
CEQAInformation.NEPALeadAgency.NEPALeadAgencyDecisionDate	Relevant date for NEPA Decision	No			Date (in YYYY-MM-DD format)	CEQA Information Step, NEPA Agency, Date of Decision Record/Record of Decision Object
CEQAInformation.NEPALeadAgency.NEPALeadAgencyPublicationDate	Relevant Publication date for NEPA	No			Date (in YYYY-MM-DD format)	CEQA Information Step, NEPA Agency Object
CEQAInformation.NEPALeadAgency.NEPALeadAgencyFedRegisterNoticeNumber	Federal Register Notice Number.	No			Text	CEQA Information Step, NEPA Agency, Federal Register Notice Number Object

3 PROCESSING CONSIDERATIONS

This section defines the specific processing considerations of this interface. This section may be started during Software Design and refined during Detailed Design.

3.1 Pre-conditions

No pre-conditions have been identified.

3.2 Dependencies

No dependencies have been identified.

3.3 Record Commit Interval

This section is not applicable.

3.4 Record Failures

This section is not applicable.

3.5 Rerun Considerations

This section is not applicable.

3.6 Special Considerations

3.6.1 Handling of B2G Data and Existing Data in WellSTAR

Operators need to always provide all Zones of Significance, Wellbore Features, Cement Segments, Cement Classes, Completion Intervals, and Completion Perforations in the file.

3.6.1.1 Data Display After Initial File Load

After the B2G file is initially loaded, these records will be displayed in the online form as follows:

Completion Intervals:
1) Existing records from WellSTAR will display as Current.
   a. If any exist that were not contained in the file, a validation error will be displayed.
2) New records from the B2G file will display as New.
   a. Any records with duplicate or invalid combinations of Field, Area, and Pool will display a validation error.
3) Updated records from the B2G file that match existing records based on Field, Area, and Pool will display as Proposed.

Zones of Significance:
1) Only records from the B2G file will be displayed.

Wellbore Features, Cement Segments, Cement Classes, and Completion Perforations:
1) Existing records from WellSTAR will display as Proposed Delete.
2) New records from the B2G file will display as New.

3.6.1.2 Data Processing on Form Approval

When the form is approved, these records are processed as follows:

1) Non-supplementary New Drill, Deepen, or Sidetrack notices
   a. The system will create all Zones of Significance, Wellbore Features, Cement Segments, Cement Classes, Completion Intervals, and Completion Perforations from the file.
2) Supplementary New Drill, Deepen, or Sidetrack notices
   a. The system will delete all Proposed Delete Zones of Significance, Wellbore Features, Cement Segments, Cement Classes, and Completion Perforations, and insert the new records from the file.
   b. The system will create all New Completion Intervals from the B2G file.
   c. The system will update any Current Completion Intervals with the Proposed edits from the B2G file.
3) Abandon, Re-Abandon, or Rework notices
   a. No records are updated from the Notice of Intention. Records will be updated upon Acceptance of a Well Summary form.

3.6.2 Conditionally Required Fields

The following table shows data fields that are required or applicable only for certain notice types.

Definitions:
- **Required**: A value must be provided, either in the file or in the online form.
- **Required if Supplementary Notice**:
    - If Supplementary Notice is true, a value must be provided, either in the file or in the online form.
    - If Supplementary Notice is false, any provided value will be ignored.
- **Required if Unknown**:
    - If no value currently exists in WellSTAR, a value must be provided, either in the file or in the online form.
    - If a value already exists in WellSTAR, any value provided in the file will be ignored, and the value in the form cannot be edited.
- **Not Required:** A value may optionally be provided, either in the file or in the online form.
- **Not Applicable:** Any value included in the file will be ignored.

Section	Field	New Drill	Deepen / Sidetrack	Abandon / Re-Abandon	Rework
Form Information	Well API	Not Required	Required	Required	Required
Form Information	Wellbore Code	Required if Supplementary Notice	Required if Supplementary Notice	Required	Required
Form Information	Permit Number	Required if Supplementary Notice	Required if Supplementary Notice	Required if Supplementary Notice	Required if Supplementary Notice
Well Information 1	Proposed Well Type	Required	Required	Not Applicable	Not Applicable
Well Information 1	Bond Form ID or Bond Number	Required	Required if Unknown	Required if Unknown	Required if Unknown

Well Information 1	Lease Form ID or Lease Name	Required	Required if Unknown	Required if Unknown	Required if Unknown
Well Information 1	Mineral Owner	Not Required	Not Applicable	Not Applicable	Not Applicable
Well Information 1	Surface Owner	Not Required	Not Applicable	Not Applicable	Not Applicable
Well Information 1	Well Number	Required	Required if Unknown	Required if Unknown	Required if Unknown
Well Information 1	Well Name	Not Required	Not Applicable	Not Applicable	Not Applicable
Well Information 1	UIC Project Code	Not Required	Not Applicable	Not Applicable	Not Applicable
Well Information 1	Field	Required	Required if Unknown	Required if Unknown	Required if Unknown
Well Information 1	Area	Required	Required if Unknown	Required if Unknown	Required if Unknown
Well Information 1	Exploratory Well	Not Required	Not Required	Not Applicable	Not Applicable
Well Information 1	Hydrogen Sulfide Anticipated	Not Required	Not Required	Not Applicable	Not Applicable
Well Information 1	Concentration PPM	Not Required	Not Required	Not Applicable	Not Applicable
Well Information 1	Thermal Enhanced Recovery Project Relationship	Not Required	Not Required	Not Applicable	Not Required
Well Information 1	Thermal Enhanced Recovery Project Description	Not Required	Not Required	Not Applicable	Not Required
Well Information 1	Notice Abandons Last Well on Lease	Not Applicable	Not Applicable	Not Required	Not Applicable
Well Information 2	Depth Taken From	Required	Required	Required if Unknown	Required if Unknown
Well Information 2	Depth Feet Above Ground	Required	Required	Required if Unknown	Required if Unknown
Well Information 2	Wellbore Direction	Required	Required	Required if Unknown	Required if Unknown

Location Information	Surface Section	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Township Number	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Township Direction	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Range Number	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Range Direction	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface BM	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Latitude	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Longitude	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface County	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Surface Corner Call	Required	Required if Unknown	Required if Unknown	Required if Unknown
Location Information	Offshore Well	Not Required	Can be provided if current value is 'N' or unknown	Can be provided if current value is 'N' or unknown	Can be provided if current value is 'N' or unknown
Location Information	Well in Urban Area	Not Required	Can be provided if current value is 'N' or unknown	Can be provided if current value is 'N' or unknown	Can be provided if current value is 'N' or unknown
Location Information	Well in Tidal Zone	Not Required	Can be provided if current value is 'N' or unknown	Can be provided if current value is 'N' or unknown	Can be provided if current value is 'N' or unknown

Location Information	Critical Well	Required	Required	Required	Required
Location Information	Environmentally Sensitive Area	Required	Required	Required	Required
Location Information	Critical Textbox	Required if Critical	Required if Critical	Required if Critical	Required if Critical
Location Information	Sensitive Textbox	Required if Sensitive	Required if Sensitive	Required if Sensitive	Required if Sensitive
Location Information	Bottom Hole Section	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Township Number	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Township Direction	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Range Number	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Range Direction	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole BM	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Latitude	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Longitude	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole County	Required	Required	Required if Unknown	Required if Unknown
Location Information	Bottom Hole Corner Call	Required	Required	Required if Unknown	Required if Unknown

4   FILE TEMPLATE

The file template can be found on the DOC SharePoint site:

https://cadoc.sharepoint.com/:w:/r/teams/project/doggrWMS/Final%20Deliverables/Work%20Authorization%204/R3%20Software%20Design%20Final/Well/EICD013%20-%20Notice%20of%20Intention%20Template%20-%20B2G.docx