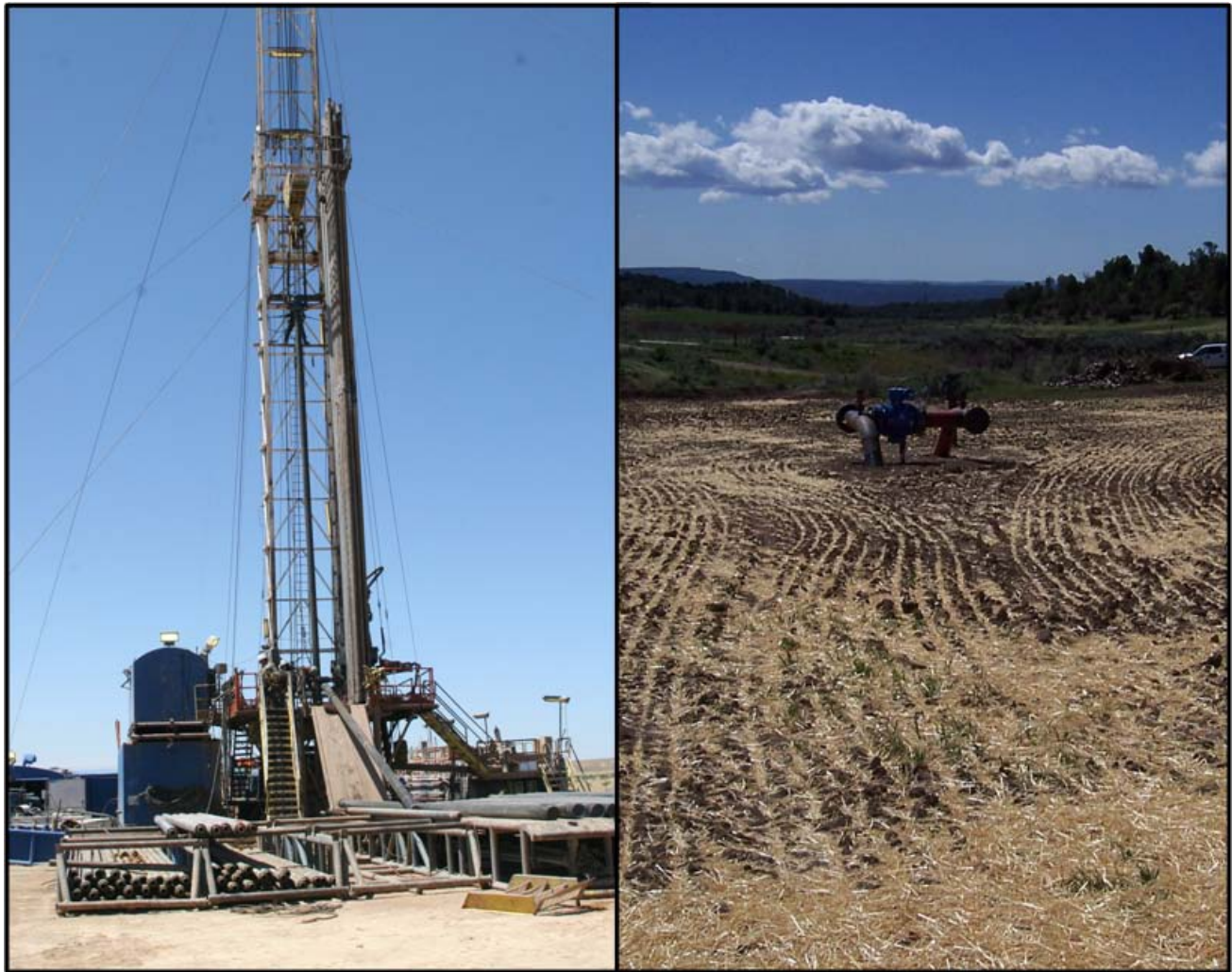


**Exploration & Production Operator's  
Compliance Manual**  
*for*  
**Energy Development Projects**  
*on the*  
**Southern Ute Indian Reservation**



**Revision Date August 31, 2010**

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## 1 ACRONYMS

API – American Petroleum Institute  
BIA – US Department of the Interior, Bureau of Indian Affairs  
BLM – US Department of the Interior, Bureau of Land Management  
CDP – Central Delivery Point including pipelines, compressor stations, water transfer stations, communications towers, and disposal wells  
CERCLA – Comprehensive Emergency Response, Compensation, and Liability Act  
COGCC – Colorado Oil & Gas Conservation Commission  
DOE – SUIT Department of Energy  
DNR – SUIT Department of Natural Resources  
E&P – Exploration and Production  
EA – Environmental Assessment  
EIS – Environmental Impact Statement  
EP – Tribal Environmental Programs  
EPA – US Environmental Protection Agency  
MOU – Memorandum of Understanding  
NEPA – National Environmental Policy Act  
NPDES– National Pollutant Discharge Elimination System  
O&G – Oil and Gas  
PEA – Programmatic Environmental Assessment  
PPN– Proposed Project Notification  
PTS– Permission to Survey  
ROW – Right-of-Way  
SUIR – Southern Ute Indian Reservation  
SUIT – Southern Ute Indian Tribe  
SPCC – Spill Prevention, Control and Countermeasure  
SWPPP– Stormwater Pollution Prevention Plan  
TERO– Tribal Employment Rights Organization  
TPY – Tons per year  
Tribe/Tribal – Southern Ute Indian Tribe

## 2 DEFINITIONS

*CERCLA Reportable Quantity Spill* – Spill at or above quantity for specific chemical, product or waste (hazardous substance) listed under 40 CFR Part 302.

*Energy Development Projects* – Oil and gas (O&G) projects including pipelines, O&G wells, compressor stations, water transfer stations, central delivery points (CDP), metering stations, and well pad access roads.

*Federal Action* – Under NEPA, it includes federal projects or projects that are federally funded or assisted, including projects on Tribal land.

*Fee Land* – Privately owned land on the SUIR.

*Off-Lease* – Energy development project that extends from one lease to another lease. Examples of off-lease projects include, but are not limited to: 1) well drilling on tribal surface and fee minerals, 2) well drilling on tribal surface and tribal minerals, but directional drilling to fee minerals, and 3) a CDP project on tribal surface that benefits any off-lease operations.

*Southern Ute Indian Reservation (SUIR)* – The SUIR includes all of the land located within the exterior boundaries of the Southern Ute Indian Reservation.

*Split Estates* – Land surface ownership and mineral rights are held by separate owners.

*Tribal Trust Land* – Property held in trust by the United States for an Indian Tribe. These lands include tribal assigned land, and tribal purchased land, but do not include allotted lands<sup>1</sup>.

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<sup>1</sup> For projects on allotted land, contact the BIA directly.

### 3 LIMITATIONS

This document provides guidance to Exploration and Production (E&P) Operators on the processes for obtaining 1) authorization to drill an oil and gas (O&G) well and 2) right-of-way (ROW) easements and surface leases on the Southern Ute Indian Reservation (SUIR)<sup>2</sup>. This document also provides stormwater, air permit and spill response compliance guidance for E&P Operators on the SUIR. The document does not, however, substitute for laws and regulations, nor is it a regulation itself. In the future, the Southern Ute Indian Tribe (SUIT) and other applicable regulatory agencies may modify procedures or change the guidance provided in this manual. Nothing in this guidance document shall be construed to be a contract or guarantee by the Southern Ute Indian Tribe, also referred to as the Tribe or Tribal.

### 4 INTRODUCTION

The purpose of this manual is twofold:

- To provide E&P Operators interested in conducting business within the exterior boundaries of the SUIR guidance on complying with various regulations; and
- To provide E&P Operators with an understanding of the involvement of regulatory agencies in permitting energy development projects.

Due to the complex nature of ownership of the land surface and minerals, and federal agencies' regulations and Tribal requirements within the SUIR, an E&P Operator must take all the necessary steps to obtain approval for energy development projects on the SUIR.

Therefore, it is our hope that this manual will assist E&P Operators in planning and scheduling projects, as well as understanding the nature of doing business on the SUIR.

Detailed flowcharts are provided in [Section 13](#) to assist in determining the jurisdiction and compliance with federal and Tribal rules and regulations, depending on the ownership of the surface and mineral rights.

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<sup>2</sup> Additionally, SUIR Crossing Permits, which are required for contractors to access the SUIR, are not discussed in this document. Please contact the Tribal DNR Lands Division for Crossing Permits.

## 5 AUTHORIZATION PROCESS FOR O&G WELL DRILLING

### 5.1 Tribal and Agency Jurisdiction

The drilling of an O&G well requires the review and approval of various federal agencies and Tribal departments. The Tribal and agency jurisdiction depends on the ownership of minerals rights and land surface for the subject property or lease. [Flowchart 1](#) reveals the Tribal and regulatory agencies that have jurisdiction under the four types of estate ownership, including split estates.

The Tribal authorization process for drilling an O&G well on the SUIR applies only to estates where the Tribe is the surface land owner. This document does not provide guidance for drilling an O&G well where the land surface is fee-owned<sup>3</sup> (not owned by the Tribe) or allotted land.<sup>4</sup>

[Flowchart 1](#)<sup>5</sup> also provides applicable Tribal and agency regulatory requirements required to obtain authorization to drill an O&G well on the SUIR depending on the type of estate ownership. These requirements are discussed in [Section 5.2](#).

### 5.2 Notification & Authorization Process for O&G Well Drilling

The process required to obtain authorization to drill an O&G well on the SUIR is detailed and involves various Tribal departments as well as federal and state regulatory agencies. As such, [Flowchart 2](#) is provided to assist the E&P Operator in understanding the authorization process, and the coordination amongst parties involved.

In general, compliance steps that are required, as indicated below, for O&G well drilling on the SUIR include the following:

1. Permission to Survey (PTS)

A Permission to Survey (PTS) is required for O&G well drilling on the SUIR where the Tribe is the surface land owner. PTS (per 25CFR169) requires the submittal of a detailed written application to U.S. Department of Interior, Bureau of Indian Affairs (BIA). [Flowchart 2](#) provides the PTS authorization process. An E&P Operator cannot perform a survey until the operator receives the permission to survey approval from the BIA.

- a. Proposed Project Notification (PPN)

The BIA submits the PTS package to SUIR DNR which begins the PPN review process. The PPN and its review process are fairly detailed and require that an On-site be conducted.

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<sup>3</sup> For property that is fee-owed surface with Tribal-owned minerals, please contact the BLM directly.

<sup>4</sup> For allotted land, contact BIA directly.

<sup>5</sup> Please note that flowcharts provided in this document may have highlighted text, which are links to documents that provide additional information in completing a process. Clicking on the link should open the highlighted document provided the reader has an internet browser open on their computer.

## 2. On-site

Once the E&P Operator has received the approved PTS from the BIA, the operator may then have the well site surveyed and provide the survey plats to SUIT Department of Energy (SUIT DOE). The On-site is attended by personnel representing various federal and Tribal entities, depending on jurisdiction (see [Flowchart 1](#)). The E&P Operator must contract an archaeologist and biologist that meet Tribal Employment Rights Organization (TERO) requirements, who will attend the On-site and conduct cultural resources and threatened and endangered species surveys, respectively. Survey findings and recommendations will then be provided in a cultural resources report and biological assessment (BA). The cultural resources report will be forwarded to the BIA archaeologist to obtain clearances to proceed with the project. Whereas, the BA will be reviewed by Tribal DNR Wildlife Division in consultation with the U.S. Fish and Wildlife Service, and site specific stipulations are developed to address any threatened or endangered species issues associated with the project. Finally, the SUIT DNR Range Division will generate a Range Report which includes site specific stipulations.

## 3. Application for Permit to Drill (APD)

A federal APD is required by the U.S. Department of Interior, Bureau of Land Management (BLM) for all O&G well drilling activities on Tribal Trust Lands. A Colorado APD is required for all O&G well drilling activities on the SUIR (see [Flowchart 1](#)), including Tribal Trust lands and minerals<sup>6</sup>.

## 4. Tribal Resolution for Off-Lease Operations

A Tribal Resolution is required for all off-lease operations involving Tribal Trust Land, including split estates and situations where the Tribal minerals and land surface are separate leases (i.e. when directional drilling is being performed). The resolution process is provided in [Flowchart 3](#).

## 5. National Environmental Policy Act (NEPA)

NEPA is required for all federal actions including drilling O&G wells that involve Tribal land or minerals and CDP projects that require ROW easements on Tribal land. The O&G Development on the Southern Ute Indian Reservation Environmental Impact Statement (SUIT EIS) was completed in July 2002. The SUIT EIS approved the current O&G development program on the SUIR. A Programmatic Environmental Assessment (PEA) is currently being conducted for 80-acre infill wells on Tribal land and minerals within the SUIR. For development of 80-acre infill wells within the SUIR, E&P Operators will need to complete a site specific environmental assessment (EA) which will be tiered to the PEA.

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<sup>6</sup> The BLM and COGCC have an agreement that allows COGCC participation in the APD process. The SUIT has a Memorandum of Understanding (MOU) with the BLM and BIA, which includes allowances for the BLM/COGCC agreement.

## 6 AUTHORIZATION PROCESS FOR PIPELINES AND SURFACE LEASE PROJECTS

### 6.1 Tribal and Agency Jurisdiction

Proposed pipelines and surface lease projects require the review and approval of various federal agencies and Tribal departments. The Tribal authorization process for pipelines and surface lease projects on the SUIR applies only when the SUI is the surface land owner<sup>7</sup>. This manual does not provide guidance for pipeline or surface lease projects, where the surface is fee-owned (not owned by the Tribe).

### 6.2 Notification & Authorization Process for Pipelines and Surface Lease Projects

The process required to obtain authorization to proceed with a pipeline or surface lease project on the SUIR is detailed and involves various Tribal departments as well as federal and state regulatory agencies. As such, [Flowchart 4](#) is provided to assist the E&P Operator in understanding the authorization process, and the coordination amongst the parties involved.

In general, compliance steps that are required, as indicated below, for pipeline and surface lease projects on the SUIR include the following:

#### 1. Permission to Survey (PTS)

A PTS is required for pipeline and surface lease projects on the SUIR where the Tribe is the surface land owner. PTS (per 25CFR169) requires the submittal of a detailed written application via the BIA. [Flowchart 4](#) provides the PTS authorization process. An E&P Operator cannot perform a survey until the operator receives the permission to survey approval from the BIA.

##### a. PPN

The BIA submits the PTS package to SUI DNR which begins the PPN review process. The PPN and its review process are fairly detailed and require that an On-site be conducted.

#### 2. Notification of Measurement of Gas (Royalties)

Per [43 CFR Part 3160 Onshore Oil and Gas Operations](#) and BLM Onshore Order Number 5, E&P Operators must notify SUI DOE (Accounting Department) if any contribution of the natural gas being compressed at the proposed facility is tribally owned. This requirement applies even if the land surface is fee-owned. E&P Operators must measure and report natural gas including lease-use (fuel) gas.

#### 3. On-site

Once the E&P Operator has received the approved PTS from the BIA, the operator may then have the surface lease or ROW surveyed and provide the survey plats to SUI DOE. The On-site is attended by personnel representing various federal and Tribal entities, including the BIA and SUI DNR. The E&P

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<sup>7</sup> However, notification of measurement of natural gas is required if any contribution of gas is tribally owned, even if the land is fee-owned. Please see paragraph 2 under Section 6.2 for details.

Operator must contract an archaeologist and biologist that meet TERO requirements, who will attend the On-site and conduct cultural resources and threatened and endangered species surveys, respectively. Survey findings and recommendations will then be provided in a cultural resources report and biologist assessment (BA). The cultural resources report will be forwarded to the BIA archaeologist to obtain clearances to proceed with the project. Whereas, the BA will be reviewed by Tribal DNR Wildlife Division in consultation with the U.S. Fish and Wildlife Service and site specific stipulations developed to address any threatened or endangered species issues associated with the project. Finally, the SUIR DNR Range Division will generate a Range Report which includes site specific stipulations.

#### 6. Tribal Resolution for Off-Lease Operations

A Tribal Resolution is required for all off-lease operations involving Tribal Trust land, including split estates and situations where the Tribal minerals and land surface are separate leases (i.e. when directional drilling is being performed). The resolution process is provided in [Flowchart 3](#).

#### 4. Surface Lease and ROW Easement

A Surface Lease (aka Business Lease) is required for any surface lease including a CDP (i.e. pipeline, compressor station, water transfer station, disposal well, or an off-lease communications tower). A ROW easement is required for pipelines<sup>8</sup>. The Surface Lease or ROW Easement must be obtained from the Tribe and the BIA with the assistance of SUIR DOE (see [Flowchart 5](#)).

#### 5. National Environmental Policy Act (NEPA)

The NEPA process is required for all federal actions including pipeline and surface lease projects that involve Tribal Land or minerals and projects that require ROW easements on Tribal Land. The O&G Development on the Southern Ute Indian Reservation Environmental Impact Statement (SUIR EIS) was completed in July 2002. The SUIR EIS approved the current O&G development program on the SUIR. For development of pipeline and surface lease projects within the SUIR, E&P Operators will need to complete a site specific environmental assessment (EA).

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<sup>8</sup> All road ROW shall be constructed such that the width of disturbance does not exceed 20 feet. All pipeline ROW shall be constructed such that the width of disturbance does not exceed 40 feet, for the pipeline alone or when combined with a road.

## 7 STORMWATER

O&G construction activities and operations have the potential to contribute pollutants to stormwater. Stormwater runoff from areas disturbed by O&G activities and operations can cause erosion and be contaminated with sediment. Stormwater pollution can result when stormwater runoff comes into contact with industrial and construction materials, such as production fluids and other chemicals, that have been spilled, improperly disposed of, or stored outdoors. Implementation of best management practices (BMPs) can reduce erosion, sedimentation and stormwater pollution from O&G construction activities and operations.

Under the 2005 Energy Policy Act, O&G construction activities on Tribal land are currently exempt from obtaining a National Pollutant Discharge Elimination System (NPDES) permit for stormwater discharges associated with construction activities except in very limited instances. Facilities that have a discharge of a CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act) reportable quantity release or that contribute pollutants (other than non-contaminated sediment) that result in a violation of a water quality standard are required to obtain and maintain NPDES permit coverage for stormwater for the entire operating life of the facility from the Environmental Protection Agency (EPA).

However, the SUIIT is requesting that all E&P Operators conducting business on lands subject to the Tribe's jurisdiction adhere to the *Southern Ute Indian Tribe Stormwater Recommendations* ([SUIIT Stormwater Recommendations](#)). The *SUIIT Stormwater Recommendations* require that the operator submit a Notice of Intent (NOI) to the Southern Ute Water Quality Program and prepare a Stormwater Pollution Prevention Plan (SWPPP) prior to any project activity.

## 8 AIR QUALITY PERMIT

Oil & Gas operations have the potential to emit air pollutants from activities associated from wellhead compression to central delivery points. Currently, regulatory oversight is provided by the EPA. However, the SUIT is in the process of developing Clean Air Act (CAA) Programs for all sources on all lands throughout the SUIR. Once approved by the EPA, the SUIT will be the regulatory body that will implement and administer approved CAA Programs.

Currently, with EPA oversight E&P Operators are subject to EPA CAA Programs and regulations. Applicability of an EPA CAA program is dependent on the source's potential to emit (PTE) and in some cases, the source type. The current permitting threshold under EPA's jurisdiction is 100 tons per year (tpy) for any of the regulated air pollutants for a source. This would subject the source to EPA's 40 CFR Part 71 Operating Permits Program, requiring the source to apply for and receive a major source permit to operate from the EPA. Larger sources (i.e. PTE>250tpy) may trigger preconstruction permitting requirements under EPA's New Source Review Permitting Program. In some cases, the source type may trigger notification and reporting requirements under EPA's 40 CFR Part 60 New Source Performance Standards Program.

It is highly recommended that E&P Operators complete an air regulatory applicability determination for its proposed operations and complete and submit all required notices or permit applications to EPA prior to the installation and operation of compressor drivers on the SUIR.

E&P Operators should remain cognizant of upcoming SUIT, BLM or EPA actions that will require installation and operation of internal combustion units meeting NO<sub>x</sub> Emission Rates<sup>9</sup> that are dependent on the horsepower of the unit (i.e. emissions rates would not be PTE dependent).

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<sup>9</sup> Emission rates are to be specified by regulatory agency or pending PEA currently being conducted for 80-acre infill wells on Tribal Trust land and minerals within the SUIR.

## 9 SPILL RESPONSE AND REPORTING

E&P Operators shall take measures to prevent, control, and cleanup spills, including the development and implementation of a Spill Prevention, Control and Countermeasure (SPCC) Plan as required by EPA regulations (40CFR112).

On the SUIR, a spill of any kind (produced water, condensate, chemicals, etc.) is reportable to the SUIT government, if the spill:

- Exceeds or is equal to one barrel (42 gallons);
- Leaves the location footprint;
- Flows into live water or a dry arroyo;
- Has the potential to reach ground water; or
- Meets the Reportable Quantity under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

The following table is provided to assist in determining the need for reporting a spill on the SUIR:

DESCRIPTION/CRITERIA			NOTIFICATIONS
	No	Yes	
Is the spill greater than or equal to <b>one barrel</b> (42 gallons)?	No report	▶	<b>To SUIT and BIA</b> <b>Oral Notification to Tribal Environmental Programs Division (970-563-0135)</b> as soon as practicable followed by written within 24 hours. Tribal EP then notifies: <ul style="list-style-type: none"> <li>• BIA, Realty</li> <li>• SUIT DOE, Lands Office</li> <li>• SUIT DNR, Lands &amp; Range Divisions</li> <li>• SUIT, Office of Risk Mgt</li> </ul> <b>After-hours notification (970-563-4401)</b> shall be made to the Southern Ute Police Department.
Did spill <b>leave the location footprint</b> ?	No report	▶	
Did spill reach <b>surface water</b> or <b>dry arroyo</b> or <b>storm sewer</b> that leads to surface water?	No report	▶	
Does spill have the potential to reach <b>groundwater</b> ?	No report	▶	
Did the <b>spill meet the reporting criteria</b> of any federal agency (i.e. EPA's CERCLA reportable quantity, USDOT's pipeline release reporting criteria, BLM's spill reporting criteria)?	No Report	▶	

Tribal notification should be made to the BIA and to the Tribal Environmental Programs Division (Tribal EP) offices. Tribal EP will then notify the SUIT DOE and SUIT DNR. Use the [Southern Ute Environmental Programs Spill/ Release Report](#) form to report a spill that took place on the SUIR.

The operator is solely responsible for making non-tribal notifications that might be required, including notifications to the National Response Center, EPA, and BLM.

## 10 REFERENCES

Reference	Link to Webpage
SUIT DNR <i>Standard Operating Procedures (SOP) for Field On-Sites and Survey Plats</i>	<a href="http://www.suitdoe.com/Documents/SUITSOPforFieldOn-sitesandSurveyPlats.pdf">http://www.suitdoe.com/Documents/SUITSOPforFieldOn-sitesandSurveyPlats.pdf</a>
SUIT DNR Permission to Survey (PTS) and Proposed Project Notification (PPN) Presentation	<a href="http://www.suitdoe.com/Documents/DNRPPNGermaineSanchez.pdf">http://www.suitdoe.com/Documents/DNRPPNGermaineSanchez.pdf</a>
SUIT Stormwater Recommendations	<a href="http://www.suitdoe.com/Documents/SUITStormwaterRecommendations.pdf">http://www.suitdoe.com/Documents/SUITStormwaterRecommendations.pdf</a>
SUIT Environmental Programs Spill/Release Report	<a href="http://www.suitdoe.com/Documents/SpillReportTemplate-OnReservation.pdf">http://www.suitdoe.com/Documents/SpillReportTemplate-OnReservation.pdf</a>
25 CFR 169 – Rights-of-Ways Over Indian Lands	<a href="http://www.access.gpo.gov/nara/cfr/waisidx_03/25cfr169_03.html">http://www.access.gpo.gov/nara/cfr/waisidx_03/25cfr169_03.html</a>
40 CFR 60 – Standards of Performance for New Stationary Sources	<a href="http://www.access.gpo.gov/nara/cfr/waisidx_07/40cfr60_07.html">http://www.access.gpo.gov/nara/cfr/waisidx_07/40cfr60_07.html</a>
40 CFR 71 – Federal Operating Program Permits	<a href="http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&amp;tpl=/ecfrbrowse/Title40/40cfr71_main_02.tpl">http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&amp;tpl=/ecfrbrowse/Title40/40cfr71_main_02.tpl</a>
43 CFR 3160 – Onshore Oil and Gas Operations; Federal and Indian Oil and Gas Leases; Onshore Oil and Gas Order Number 1, Approval of Operations	<a href="http://www.access.gpo.gov/nara/cfr/waisidx_07/43cfr3160_07.html">http://www.access.gpo.gov/nara/cfr/waisidx_07/43cfr3160_07.html</a>
BLM Onshore Order Number 5 – Measurement of Gas	<a href="http://www.blm.gov/pgdata/etc/medialib/blm/co/programs/oil_and_gas.Par.79178.File.dat/ord5.pdf">http://www.blm.gov/pgdata/etc/medialib/blm/co/programs/oil_and_gas.Par.79178.File.dat/ord5.pdf</a>

## 11 POINTS OF CONTACT

Agency	POC	Title	Phone Number(s)
BIA	John Waconda	Superintendent	970-563-4511 970-563-1224
	Johnna Oberly	Deputy Superintendent	970-563-4511 970-563-1228
	Steve Sullaway	Realty Officer	970-563-4511 970-563-1248
	Jim Friedley	NEPA Coordinator	970-563-4571
BLM	Dave Swanson	Physical Scientist	970-385-1370
SUIT DNR	Lena Atencio	Director	970-563-0125
SUIT Dept. Of Justice & Regulatory	Charlie Flagg	Department Head	970-563-0100 x3303 970-563-0180
SUIT Environmental Programs Div.	Tom Johnson	Division Head	970-563-0100 x2229 970-563-0135
SUIT Water Quality Program	Sal Valdez	Program Manager	970-563-0100 x2217 970-563-0135
SUIT DNR Lands Div.	Germaine Ewing	Division Head	970-563-0100 x2228 970-563-0126
SUIT DNR Range Div.	Jason Mietchen	Division Head	970-563-0100 x3512 970-563-4780/4571
	Deb Koenig	Range Specialist	970-563-0100 x3514 970-563-4780/4571
SUIT DNR Wildlife Div.	Steve Whiteman	Division Head & SUIT NEPA Coordinator	970-563-0100 x2413 970-563-0130
SUIT DOE	Ed Trahan	Land Manager	970-563-5563
	Dee Olguin	Land Specialist	970-563-5571
	Kyle Siesser	Geologist	970-563-5556
TERO	Mark Torres	Division Head	970-563-0100 x2291 970-563-0117
	Floyd Jameson	Compliance Officer	970-563-0100 x2292

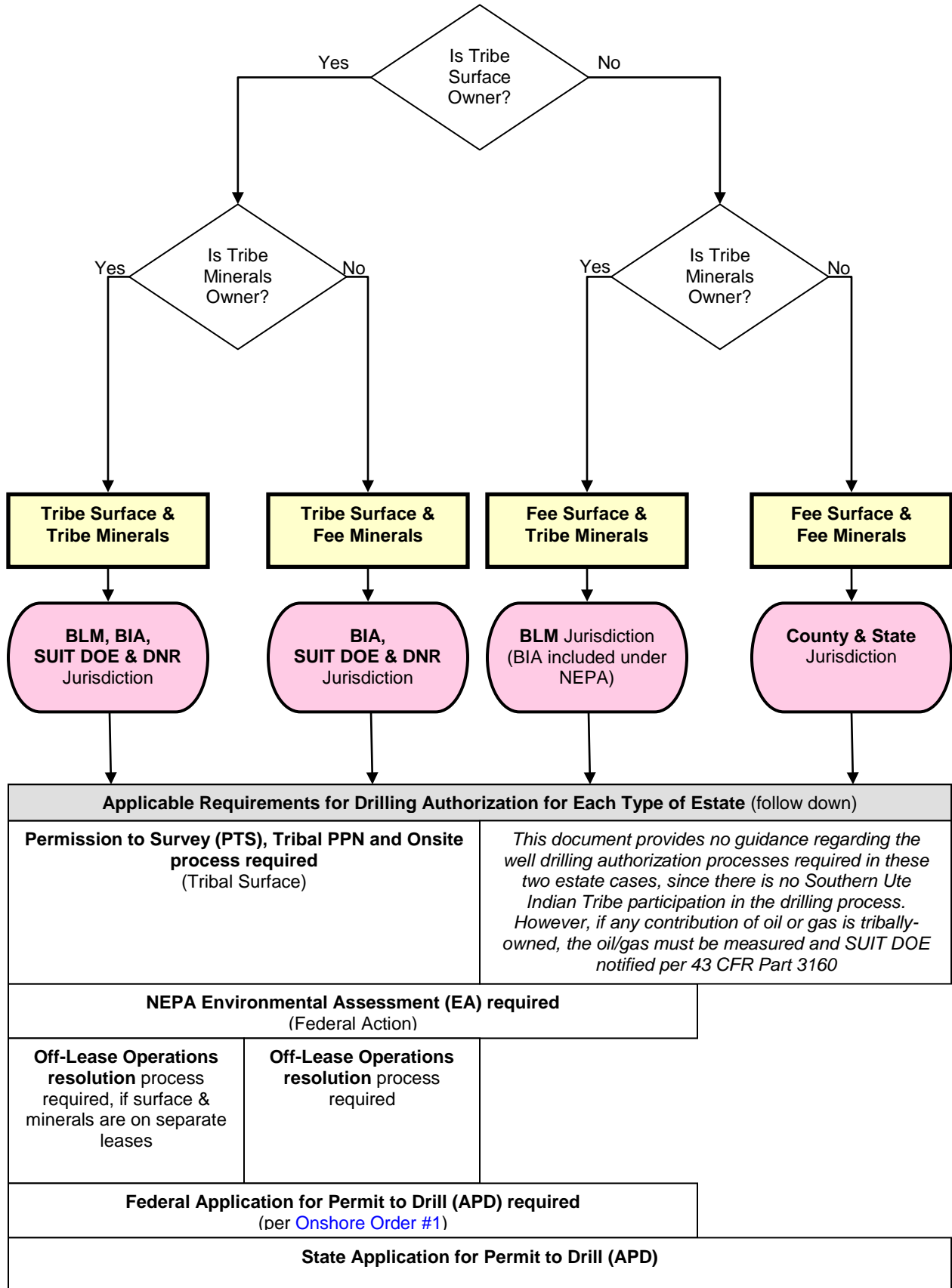
## 12 REVISIONS

Revision Date	Page(s)	Change(s)
20 March 2008	All	<ul style="list-style-type: none"> <li>• First Edition Approved</li> </ul>
05 August 2008	12	<ul style="list-style-type: none"> <li>• Updated Points of Contact</li> </ul>
05 August 2008	11	<ul style="list-style-type: none"> <li>• Clarified spill reporting criteria regarding any other agency required notifications</li> </ul>
22 October 2008	12	<ul style="list-style-type: none"> <li>• Added links to web pages</li> </ul>
22 October 2008	All	<ul style="list-style-type: none"> <li>• Added hyperlink to <a href="http://www.suitdoe.com">www.suitdoe.com</a> website in footer</li> </ul>
19 August 2009	13	<ul style="list-style-type: none"> <li>• Updated Points of Contact</li> </ul>
03 May 2010	17 & 21	<ul style="list-style-type: none"> <li>• Included requirement for Environmental Assessment in diagramed process</li> </ul>
03 May 2010	13	<ul style="list-style-type: none"> <li>• Updated Points of Contact</li> </ul>
03 May 2010	12	<ul style="list-style-type: none"> <li>• Updated links to webpages for 25 CFR 169 and 40 CFR 71</li> </ul>
31 August 2010	13	<ul style="list-style-type: none"> <li>• Updated Points of Contact</li> </ul>

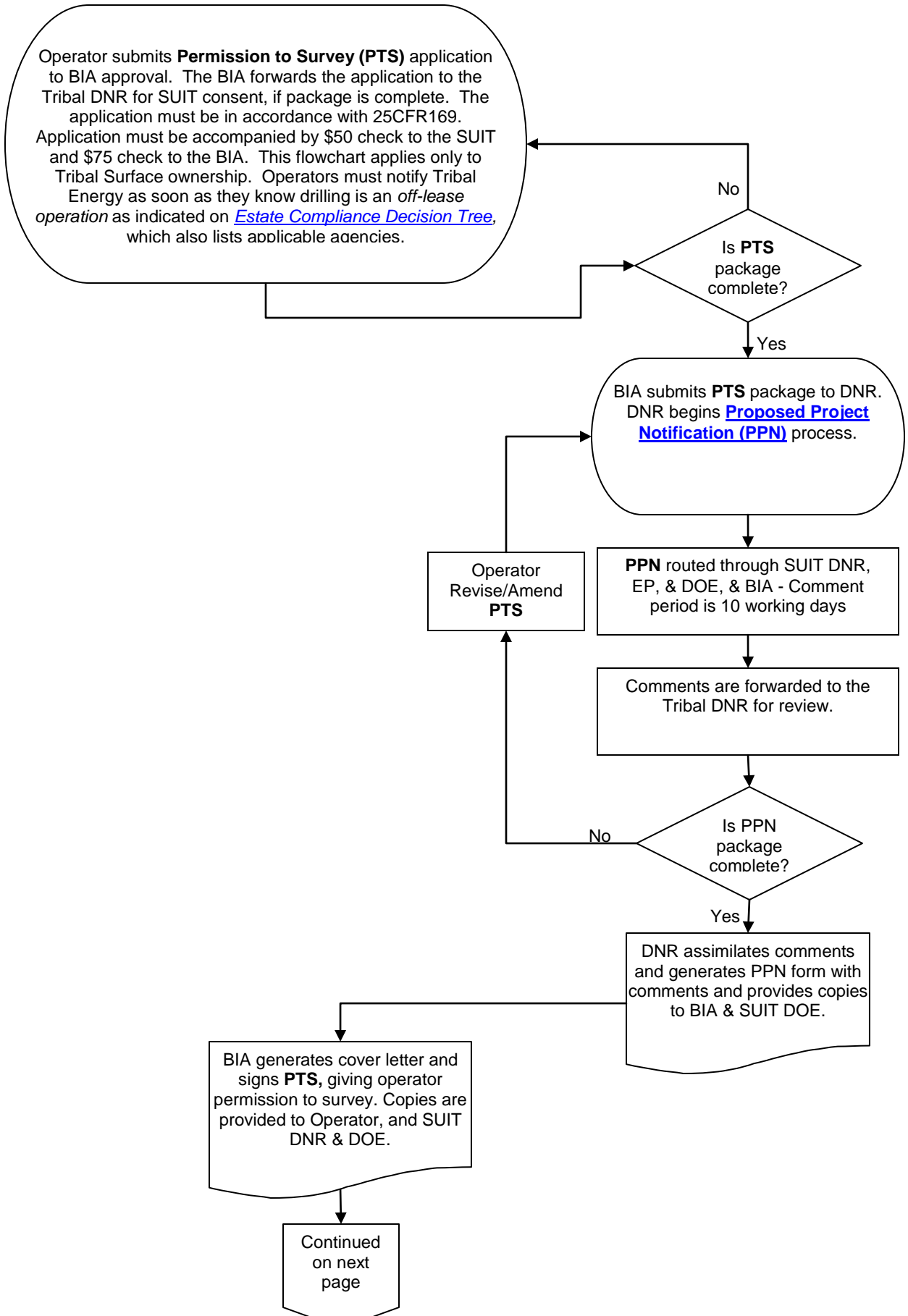
## 13 FLOWCHARTS

Detailed flowcharts are provided on the following pages to assist in determining the jurisdiction and compliance with federal and Tribal rules and regulations, when proposing to drill an O&G well or applying for a Surface Lease or ROW easement, depending on the ownership of the surface and mineral rights.

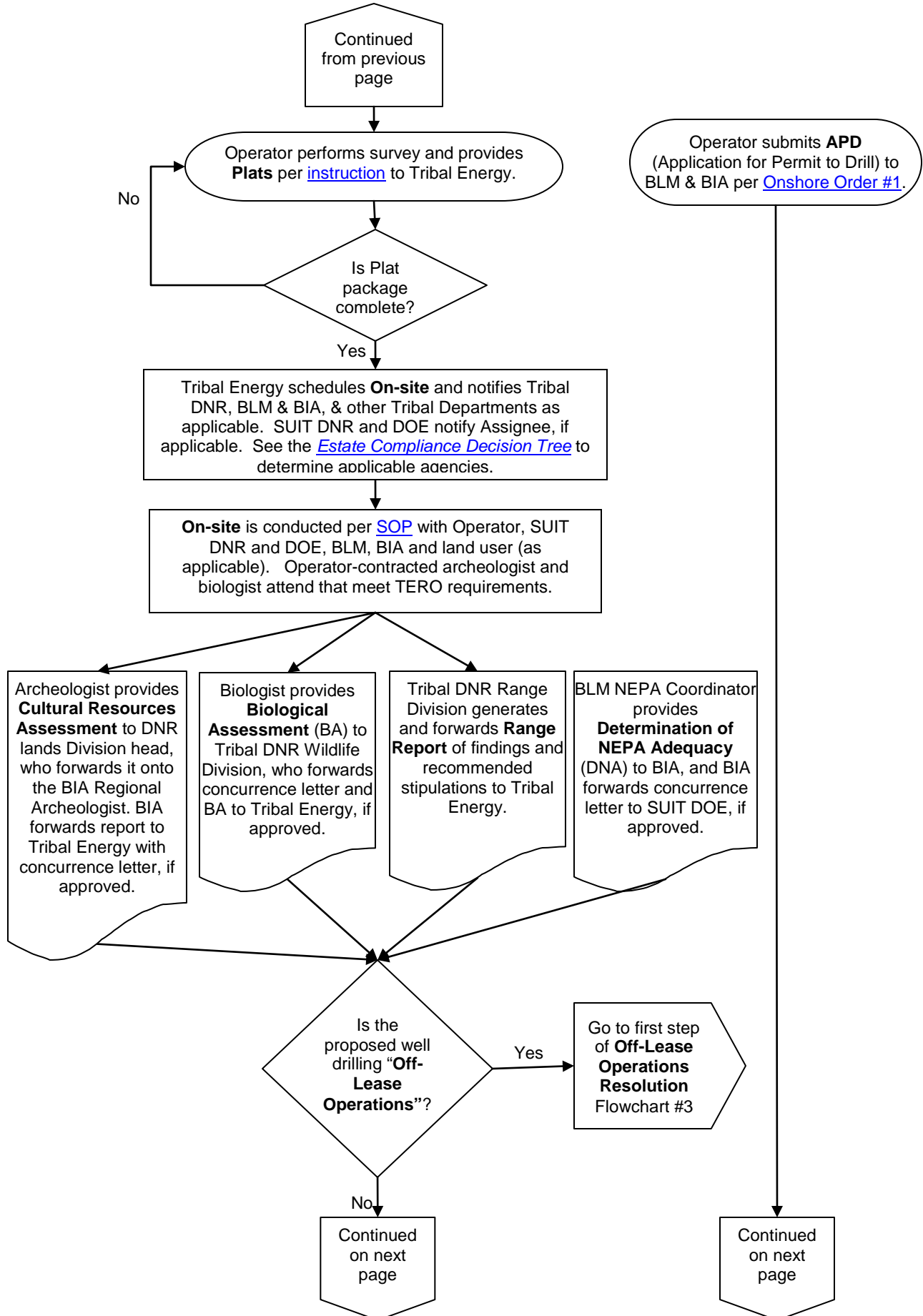
**Flowchart 1: Estate Compliance Decision Tree for O&G Well Drilling on Southern Ute Indian Reservation**



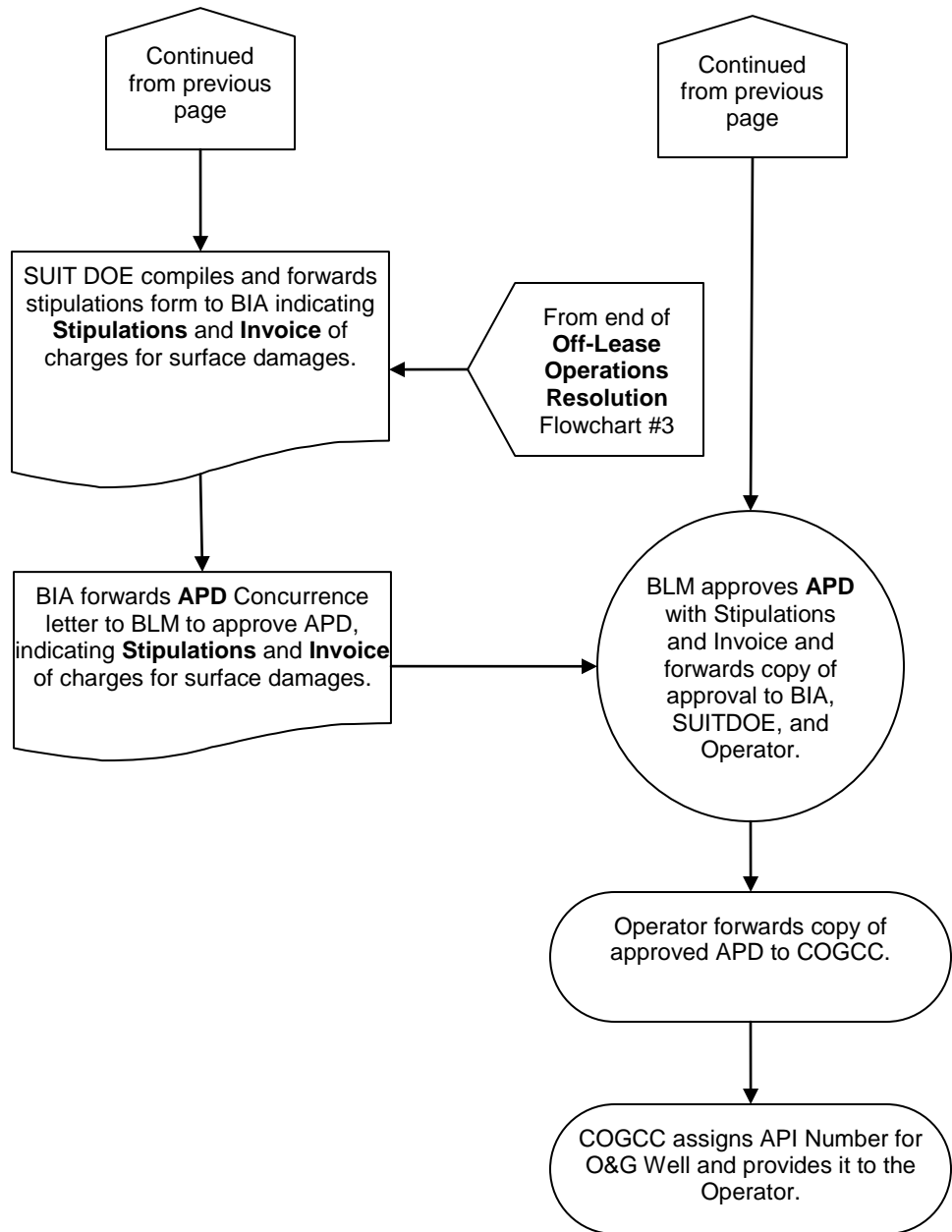
## Flowchart 2: Authorization Flowchart for Oil & Gas Well Drilling on the Southern Ute Indian Reservation



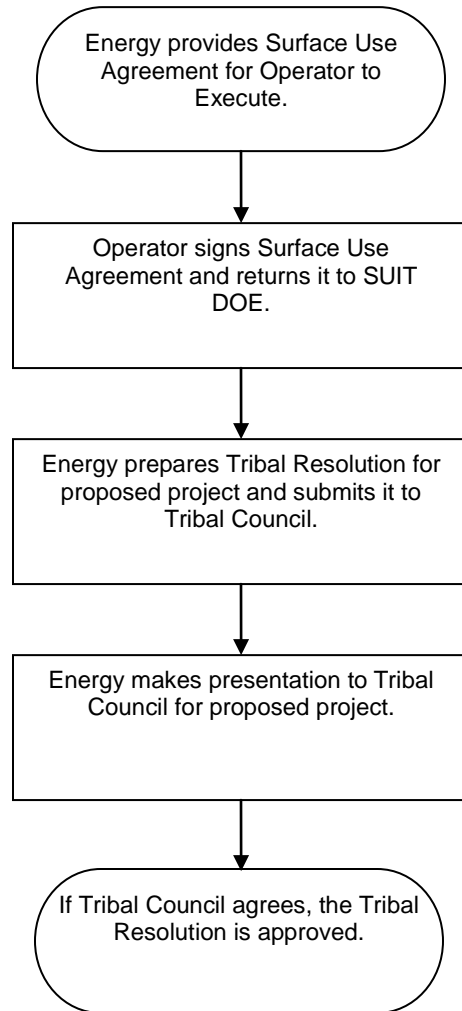
## Flowchart 2: Authorization Flowchart for Oil & Gas Well Drilling on the Southern Ute Indian Reservation



## Flowchart 2: Authorization Flowchart for Oil & Gas Well Drilling on the Southern Ute Indian Reservation

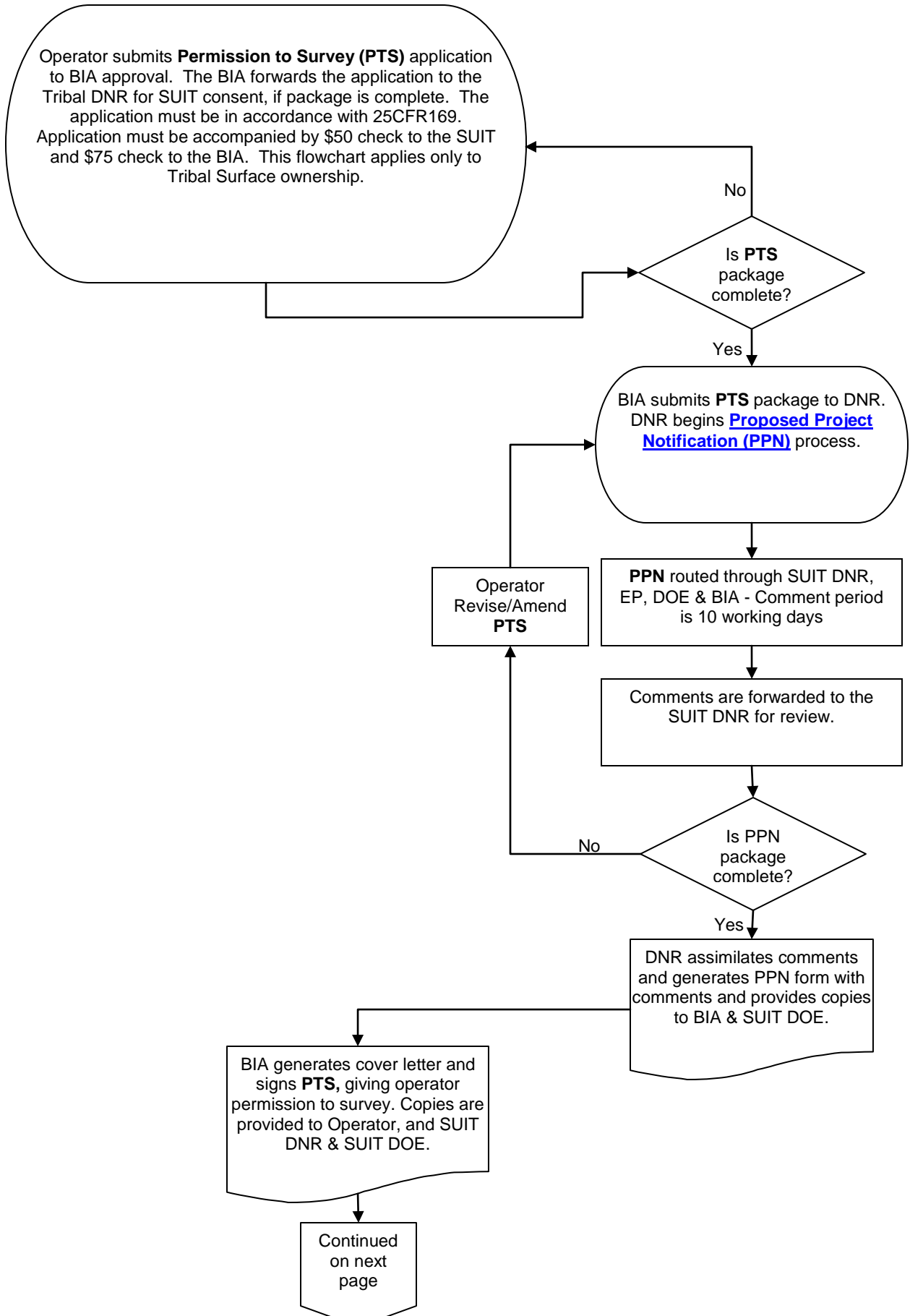


### Flowchart 3: Resolution Flowchart for a Off-Lease Operations on the Southern Ute Indian Reservation

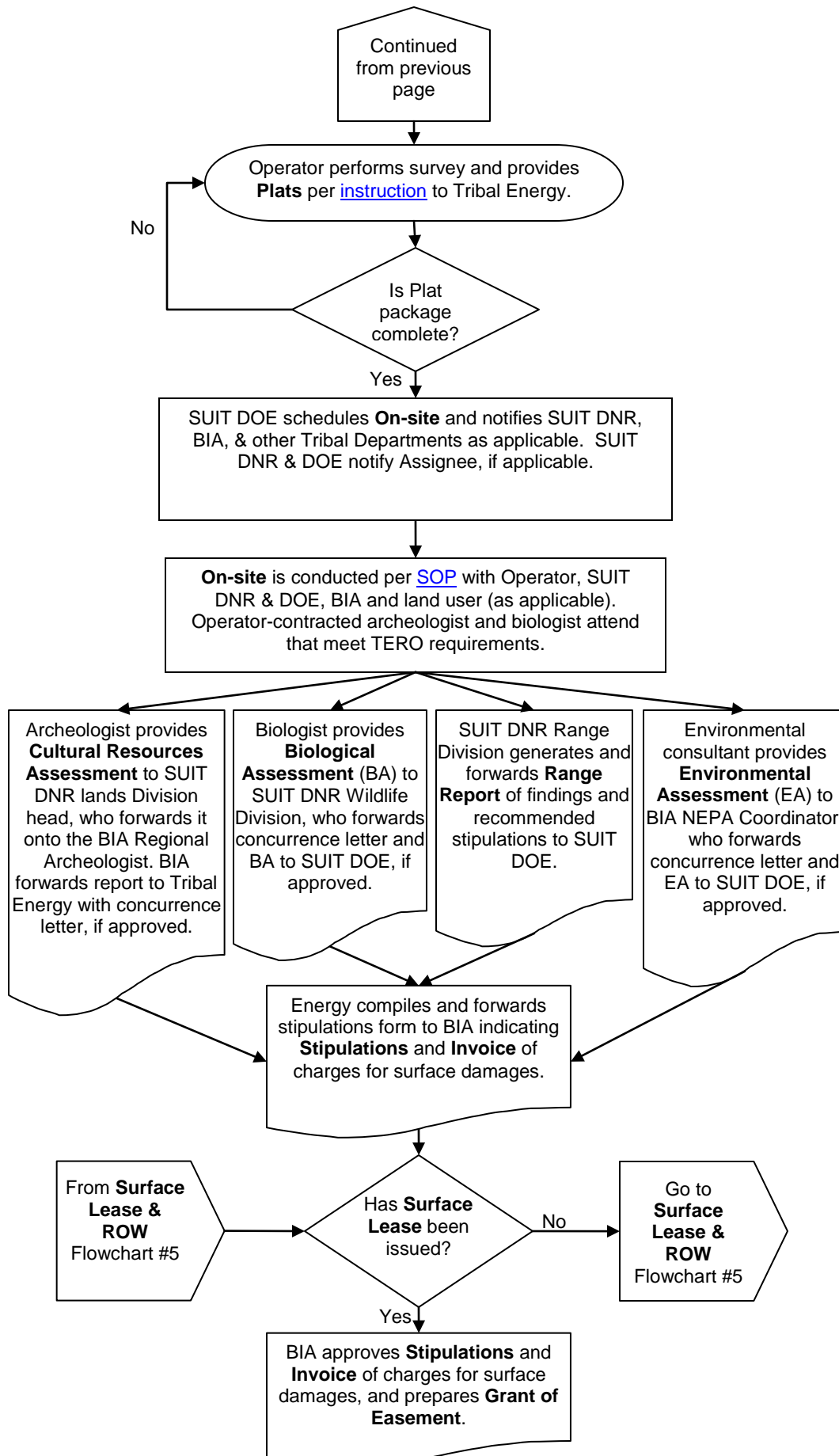


Please refer to the definition of *Off-Lease* under *Section 2 Definitions* of this manual.

**Flowchart 4: Authorization Flowchart for Pipeline and Surface Lease Projects on the Southern Ute Indian Reservation**



**Flowchart 4: Authorization Flowchart for Pipeline and Surface Lease Projects on the Southern Ute Indian Reservation**



## Flowchart 5: Flowchart for a Surface Lease and ROW Easement on the Southern Ute Indian Reservation

