

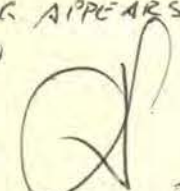
# NEPA COMPLIANCE SURVEY

## # 291

| Project Information  |  |                         |           |
|--|--|-------------------------|-----------|
| <b>Project Title:</b>  | Repair flowline 61-66-SX-3   | <b>Date:</b>            | 3/11/2010 |
| <b>DOE Code:</b>   |  | <b>Contractor Code:</b> |           |
| <b>Project Lead:</b>   | Wes Riesland   |                         |           |
| <b>Project Overview</b>  |  |                         |           |
| 1. What are the environmental impacts?   | In order to repair this line it was decided to trench a line approximately 100 feet and tie it into the line at 71-3-sx-3. This will get us out of the old flow line which has been repaired 5-6 times. This will mitigate the chances of having spills in the future. |                         |           |
| 2. What is the legal location?   | This flowline runs from the well 77-s-10 to the B-2-10 manifold. → 61-66 SX 3  |                         |           |
| 3. What is the duration of the project?  | Approximately 10 hours (1 day) to complete   |                         |           |
| 4. What major equipment will be used if any (work over rig, drilling rig, etc.)? | backhoe and operator and one hand  |                         |           |

**The table below is to be completed by the Project Lead and reviewed by the Environmental Specialist and the DOE NEPA Compliance Officer. NOTE: If Change of Scope occurs, Project Lead must submit a new NEPA Compliance Survey and contact the Technical Assurance Department.**

|   | Impacts Anticipated?     |                                     |                          | If YES, then complete below   |
|---|--------------------------|-------------------------------------|--------------------------|---|
|   | Yes                      | No                                  | NA                       | If the anticipated impact might be unacceptable, recommend mitigation measures: |
| <b>Water Quality</b>  |                          |                                     |                          |   |
| <b>Does the proposed project present potential for impacts on water resources or water quality?</b>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Does the project affect surface water quantity or quality under both normal operations and accident conditions?</b>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Does the proposed project affect groundwater quantity or quality under both normal operations and accident conditions?</b> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Will the project area include "Waters of the State?"</b>   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Will the project area require a Corps of Engineers permit?</b>   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |

WORK HAS BEEN COMPLETED  
 AREA DISTURBED BY TRENCHING APPEARS TO BE WITHIN 125' OF WELL HEADS  
  
 3-15-10

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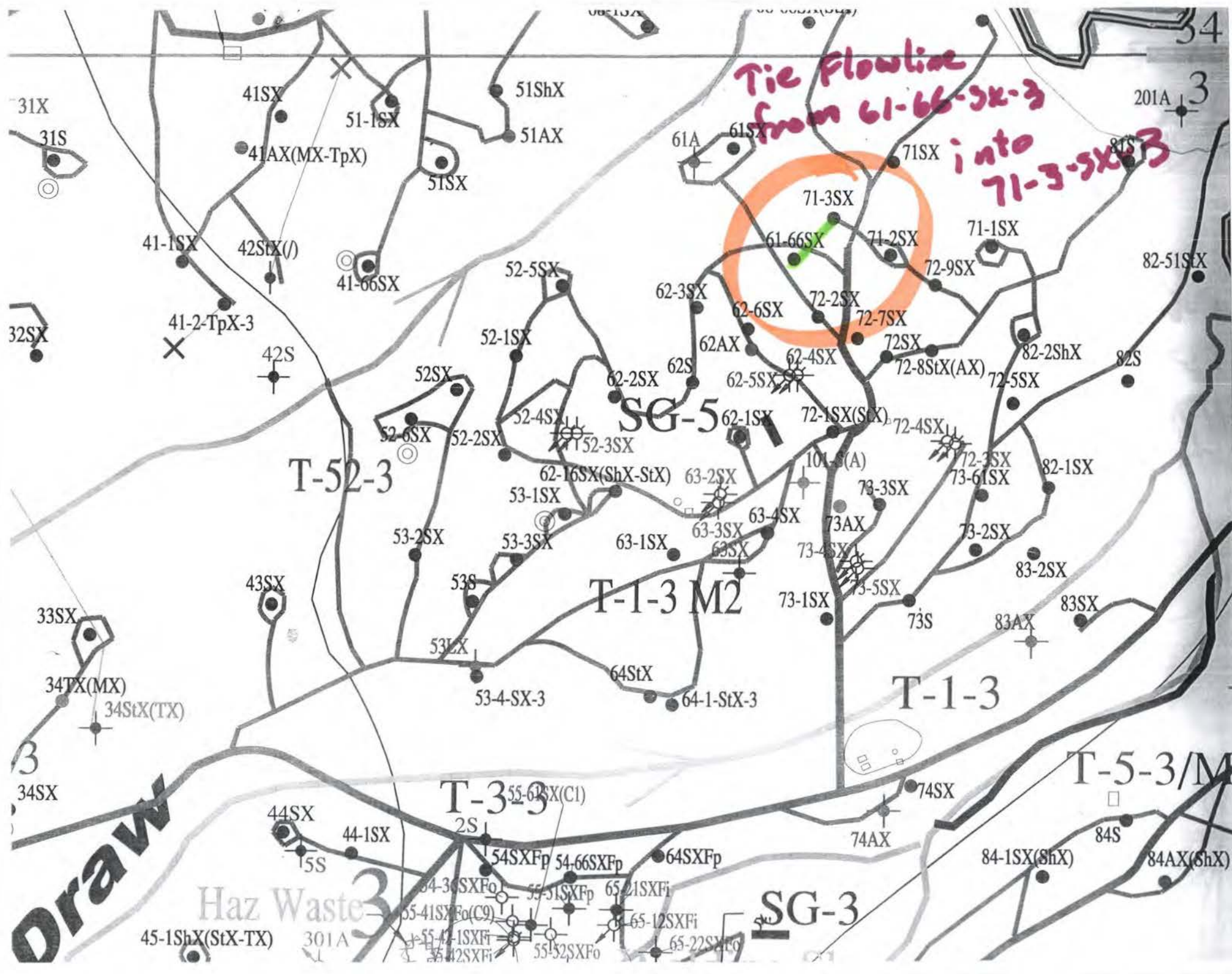
|  | Impacts Anticipated?     |                                     |                          | If YES, then complete below.   |
|--|--------------------------|-------------------------------------|--------------------------|--|
|  | Yes                      | No                                  | NA                       | If the anticipated impact might be unacceptable, recommend mitigation measures:                                  |
| <b>Geology &amp; Soils</b>   |                          |                                     |                          |  |
| Does the proposed project present potential for impacts related to geology or soils?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Best Management Practices were used to prevent erosion.  |
| Does the proposed project alter, excavate or otherwise disturb land area consistent with other land use and habitat area?          | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Is the proposed project likely to impact local seismicity?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| If the project involved disturbance of surface soils, are erosion and storm water control measures addressed?                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Best Management Practices were used to prevent soil and silt erosion. The pit was dug adjacent to the flow line. |
| <b>Air Quality</b>   |                          |                                     |                          |  |
| Does the proposed action present potential for impacts on ambient air quality under both normal and accident conditions?           | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Are potential emissions (gases and/or airborne particulates including dust) outside of the normal scope for oil field operations?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Does the project present risk to human health and the environment from exposure to radiation and hazardous chemicals in emissions? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Is the project subject to New Source Performance Standards?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Is the project subject to National Emissions Standards for Hazardous Air Pollutants?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Is the project subject to emissions limitations in an Air Quality Control Region?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

## NEPA COMPLIANCE SURVEY

|  | Impacts Anticipated?                |                                     |                          | If YES, then complete below.  |
|--|-------------------------------------|-------------------------------------|--------------------------|---|
| <b>Wildlife and Habitat</b>  | Yes                                 | No                                  | NA                       | <b>If the anticipated impact might be unacceptable, recommend mitigation measures:</b>                            |
| <b>Does the proposed action present potential for impacts on wildlife or habitat?</b>  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Does the project impact state or federally listed threatened and endangered species?</b>  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Human Health Effects</b>  | Yes                                 | No                                  | NA                       | <b>If the anticipated impact might be unacceptable, recommend mitigation measures:</b>                            |
| <b>Does the proposed project present potential for effects on human health?</b><br>e.g.: Hanta virus, radiological exposure, or chemical exposure (must provide MSDS)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Transportation</b>  | Yes                                 | No                                  | NA                       | <b>If the anticipated impact might be unacceptable, recommend mitigation measures:</b>                            |
| <b>Does the proposed project involve transportation of radiological sources or hazardous materials (including explosives)?</b>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |
| <b>Waste Management and Waste Minimization</b>   | Yes                                 | No                                  | NA                       | <b>If the anticipated impact might be unacceptable, recommend mitigation measures:</b>                            |
| <b>Are pollution prevention and waste minimization practices needed in the proposed project?</b>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | Best Management Practices will be followed.   |
| <b>Does project plan establish procedures in compliance with local, state and/or federal laws and guidelines affecting the generation, transportation, treatment, storage or disposal of hazardous and other wastes?</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | A JSA was performed prior to beginning of work. SOPs were reviewed for compliance to state and local regulations. |

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|   |  |                          | Impacts Anticipated?                   |                                     |                          | If YES, then complete below.  |  |
|---|--|--------------------------|--|-------------------------------------|--------------------------|---|--|
| Cultural Impact   |  |                          | Yes                                    | No                                  | NA                       | If the anticipated impact might be unacceptable, recommend mitigation measures: |  |
| Is there potential for impact on cultural (historic) resources?   |  |                          | <input type="checkbox"/>               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Location has been previously disturbed.   |  |
| Community Impact  |  |                          | Yes                                    | No                                  | NA                       | If the anticipated impact might be unacceptable, recommend mitigation measures: |  |
| Will the proposed project introduce significantly adverse auditory, visual, or other impact?  |  |                          | <input type="checkbox"/>               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| Will the proposed project adversely affect the community's use of public land/resources?  |  |                          | <input type="checkbox"/>               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| Will the proposed project adversely affect the community's access to private land?  |  |                          | <input type="checkbox"/>               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| NOTE: Topography Map and Wetlands Map are required to be attached. Attach applicable SOPs for Risk Assessment Level 2 & 3 and specific test procedures. |  |                          |  |                                     |                          |   |  |
| Are permits required? If YES, list below:   |  |                          |  |                                     |                          | Yes <input type="checkbox"/>  | No <input checked="" type="checkbox"/> |
| Section below to be reviewed by Environmental Specialist and DOE NCO.   |  |                          |  |                                     |                          |   |  |
| Adequate Mitigation Measures Provided?  |  |                          | Adequate Mitigation Measures Provided? |                                     |                          |   |  |
|   | Yes  | No                       |  | Yes                                 | No                       |   |  |
| Water Quality Impacts   | <input checked="" type="checkbox"/>  | <input type="checkbox"/> | Transportation Impacts                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| Air Quality Impacts   | <input checked="" type="checkbox"/>  | <input type="checkbox"/> | Waste Management Impacts               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| *Wildlife and Habitat Impacts   | <input checked="" type="checkbox"/>  | <input type="checkbox"/> | Cultural Impacts                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| Geology and Soils Impacts   | <input checked="" type="checkbox"/>  | <input type="checkbox"/> | Community Impact                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| Human Health Impacts  | <input checked="" type="checkbox"/>  | <input type="checkbox"/> | <b>Categorical Exclusion</b>           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |   |  |
| <b>Approvals</b>  |  |                          |  |                                     |                          |   |  |
| Comments and Conditions:  | B5.4 Repair or replacement of sections of a crude oil, produced water, brine, or geothermal pipeline, if the actions are determined by the Army Corps of Engineers to be within the maintenance provisions of a DOE permit under Section 404 of the Clean Water Act.<br>B5.2 Modification of oil, gas and geothermal facility pump and piping configurations, metering systems, and other instrumentation that would not change design process flow rates or affect permitted air emissions. |                          |  |                                     |                          |   |  |
| Contractor ESS&H  | Steve Ames <i>Stephen Ames</i>   |                          |  |                                     |                          | Date: <i>3/11/2010</i>  |  |
| Comments and Conditions:  | Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.  |                          |  |                                     |                          |   |  |
| DOE NEPA Compliance Officer   | <i>CXS B5.2 &amp; B5.4</i><br><i>Michael J. [Signature]</i>  |                          |  |                                     |                          | Date: <i>3/16/10</i>  |  |



Tie Flowline  
from 61-66-SX-3  
into  
71-3-SX-3

T-52-3

T-1-3 M2

T-1-3

T-3-3

T-5-3/M

Draw

Haz Waste

SG-3

SG-5

31X

41SX

51ShX

61A

71SX

201A

31S

51-1SX

51AX

61SX

41AX(MX-TpX)

51SX

71-3SX

71-1SX

41-1SX

42StX(I)

41-66SX

52-5SX

62-3SX

71-2SX

72-9SX

82-51SX

32SX

41-2-TpX-3

42S

52-1SX

62-2SX

62-6SX

62-4SX

72-2SX

72-7SX

72-SX

82-2ShX

82S

52SX

62-5SX

62S

62AX

62-1SX

72-1SX(SX)

72-4SX

72-8StX(AX)

72-5SX

T-52-3

52-6SX

52-2SX

52-4SX

52-3SX

62-16SX(ShX-StX)

63-2SX

63-3SX

63-4SX

72-3SX

73-61SX

82-1SX

33SX

43SX

53-2SX

53-3SX

53S

63-1SX

63-SX

63-3SX

63-4SX

73-3SX

73-2SX

83-2SX

83SX

34TX(MX)

34StX(TX)

53-1SX

53-3SX

63-1SX

63-SX

63-3SX

63-4SX

73-3SX

73-2SX

83-2SX

83AX

3

34SX

44SX

44-1SX

54SX

54-3SXFo

55-1SXFo

55-2SXFo

64SXFo

74SX

84-1SX(ShX)

84S

84AX(ShX)

45-1ShX(StX-TX)

301A

54-3SXFo

55-1SXFo

55-2SXFo

65-1SXFi

65-12SXFi

65-22SXFo

55-42SXFi

55-32SXFo

65-12SXFi

65-22SXFo

34

3

3

34SX

45S

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75S

85S

95S

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