

ACLS Checklist Report

Printed: 2016-Oct-19 11:35 PST

Project: 201611047 - Oil and Gas Well

Type of Survey:
 Survey Document:
 Surveyor: Permit Holder:

Checklist: Plan of Survey of Wellsite & Access Rd

Checklist Number::
 Amended Checklist From:
 Date Issued:
 Includes Natural Boundary:
 Includes Georeferencing Data:

Category	Item	Response	Comments
Plan Title	CLSR and LTO/LRO plan number blocks present on the plan	Unanswered	
Plan Title	Specify Sheet x of n for multi sheet plans	Unanswered	
Plan Title	Includes legal description of underlying parcel affected by <u>limited interest</u>	Unanswered	
Plan Title	Plan of Survey of...(Wellsite and Access Road or Pipeline ROW)	Unanswered	
Plan Title	Name or number assigned by provincial authority to each <u>wellsite</u>	Unanswered	
Plan Title	Name and number of Reserve (spell out), National Park of Canada, etc.	Unanswered	
Plan Title	New Parcel designators shown, (Lot #, Block #, Quad, Road, Subdivision names...)	Unanswered	
Plan Title	The name of the subdivision, town site, community, and/or municipality <u>in which the survey ...</u>	Unanswered	
Plan Title	Section, Township & Range, or Lot and Concession (note if theoretical)	Unanswered	
Plan Title	The District or County (if appropriate)	Unanswered	
Plan Title	The Province or Territory	Unanswered	
Plan Title	Plan Scale Ratio and Bar Scale shown to standard	Unanswered	
Plan Title	Plot Size Stated	Unanswered	
Plan Title	Period of Field Survey Statement.	Unanswered	
Legend	Explanation of other line types	Unanswered	
Legend	Explanation of all symbols shown	Unanswered	
Legend	Bearing Statement	Unanswered	
Legend	Explanation of all abbreviations used	Unanswered	
Legend	Lands or boundaries dealt with shown thus	Unanswered	
Legend	Distance Units (horizontal at general ground level) specified	Unanswered	

Legend	Scale Factor specified	Unanswered	
Legend	Monument Markings described	Unanswered	
Legend	Ancillary Monumentation described	Unanswered	
Legend	Boundaries Cut and Blazed	Unanswered	
Legend	Supplementary Field Notes/Survey Report Cross Reference if applicable	Unanswered	
Georeferencing	The plan diagram shows all GCPs and other control points used in the survey	Unanswered	
Georeferencing	The survey is referenced to a minimum of 2 GCPs	Unanswered	
Georeferencing	The plan diagram shows ties to GCPs	Unanswered	
Georeferencing	Table of coordinates of all GCPs and any other control survey monuments shown	Unanswered	
Georeferencing	The coordinate projection shown	Unanswered	
Georeferencing	The zone of the coordinate system shown	Unanswered	
Georeferencing	The combined scale factor for each GCP shown	Unanswered	
Georeferencing	The estimated absolute accuracy of all GCPs are stated in the coordinate table	Unanswered	
Georeferencing	The survey is geo-referenced with respect to the NAD83 (CSRS)	Unanswered	
Georeferencing	The version (epoch) of the NAD 83 (CSRS)datum used is shown	Unanswered	
Georeferencing	A statement regarding how coordinates were obtained and how any adjustment was performed i ...	Unanswered	
Georeferencing	Location of GCPs included on the Key Plan (if required for clarity)	Unanswered	
Georeferencing	The ellipsoid height of each GCP is shown	Unanswered	
Georeferencing	The estimated absolute accuracy of GCPs are 0.10 metres or better	Unanswered	
Georeferencing	All GCPs are physically marked on the ground	Unanswered	
Georeferencing	Absolute Accuracy of Survey is 0.20 metres or better	Unanswered	
Georeferencing	GCPs are geo-referenced by an approved method	Unanswered	
Georeferencing	GCP points are labeled with GCP on diagram	Unanswered	
Georeferencing	Georeferenced to absolute accuracy in accordance with 11.3 (9) and (13)	Unanswered	

Signatures	Digital Seal on Electronic Documents	Unanswered	
Signatures	"Revised to" statement in the revision table is initialed by Surveyor	Unanswered	
Signatures	SGE Endorsement block shown	Unanswered	
Signatures	Ownership of all lands dealt with have been researched and determined	Unanswered	
Signatures	Appropriate Endorsements and Affidavits	Unanswered	
Signatures	Surveyor's Certification and Seal; Certified Correct	Unanswered	
Signatures	Date of Certification matches the date the plan is issued	Unanswered	
Plan Diagram	North arrow shown and diagram oriented so that north points toward top of plan	Unanswered	
Plan Diagram	Connect to legal survey fabric within 300 m.	Unanswered	
Plan Diagram	Evidence used to support placed monumentation is shown	Unanswered	
Plan Diagram	All lost or disturbed monuments used in this survey have been re-established (Re-est)	Unanswered	
Plan Diagram	All bent or obliterated monuments used in the survey have been restored (Res)	Unanswered	
Plan Diagram	Plan shows individual land holdings	Unanswered	
Plan Diagram	Area shown by section, quarter section or parcel	Unanswered	
Plan Diagram	Authorized monumentation was used and is described in the legend	Unanswered	
Plan Diagram	Table of coordinates of main monuments	Unanswered	
Plan Diagram	Heavy Black line of lands dealt with	Unanswered	
Plan Diagram	Monuments of a previous survey that have been deemed of no value have been removed	Unanswered	
Plan Diagram	The areas of each parcel, road, R/W's etc. are shown to the required precision	Unanswered	
Plan Diagram	All monuments are marked in accordance with current standards	Unanswered	
Plan Diagram	Descriptions of the types, condition and markings of monuments used in the survey	Unanswered	
Plan Diagram	Detail, tables, insets required for clarity	Unanswered	
Plan Diagram	Ancillary monumentation is used and the type and position is depicted on the plan	Unanswered	
Plan Diagram	Grid bearings and ground distances shown between monuments unless otherwise specified	Unanswered	

Plan Diagram	Curve Data shown	Unanswered	
Plan Diagram	No traverse lines, offsets or radial ties. Unless fundamental to the survey e.g. OHWM	Unanswered	
Plan Diagram	Width of road, R/W or easement dealt with and the name of the street if known	Unanswered	
Plan Diagram	Parcel Designation shown (Lot, Block, Road, RW, Quad etc)	Unanswered	
Plan Diagram	Adjacent parcels and plan numbers shown, boundaries shown with dashed lines except solid w ...	Unanswered	
Plan Diagram	Underlying parcels and plan numbers are in phantom or broken	Unanswered	
Plan Diagram	Limited rights which have registered land interests affecting the lands dealt with are sho ...	Unanswered	
Plan Diagram	All evidence searched for or placed reported on plan. Denote FNE when no evidence found of ...	Unanswered	
Plan Diagram	Description of the types of control monuments	Unanswered	
Plan Diagram	Monument every km or as otherwise specified	Unanswered	
Plan Diagram	Nature and position of features close to boundaries are shown	Unanswered	
Plan Diagram	Connection shown to permanent structures	Unanswered	
Plan Diagram	Reason for witness monuments and witness markings shown	Unanswered	
Plan Diagram	Dimensions of existing boundaries agree within accuracy requirements with previous survey ...	Unanswered	
Plan Diagram	Any dimensions with significant discrepancy with previous surveys have been labeled "CC" to ...	Unanswered	
Plan Diagram	New Parcels, boundary retracements and intersections are marked by required monumentation	Unanswered	
Plan Diagram	Names of water bodies shown	Unanswered	
Plan Diagram	Plan shows which lines have been cut and blazed according to current standards.	Unanswered	
Plan Diagram	Right of way is monumented in accordance with current standards	Unanswered	
Plan Diagram	Surface Rights to be disposed of are under Indian Oil and Gas Regulations	Unanswered	
Plan Diagram	Position of each well	Unanswered	
Plan Diagram	Pipelines and Well Sites marked by required monumentation	Unanswered	
Plan Diagram	Tie back from terminal point or hanging line is checked measured.	Unanswered	
Plan Diagram	Calculated tie across road allowances and to quarter lines in surveyed territory	Unanswered	

Plan Diagram	Boundaries of parcel shown and surveyed lines described	Unanswered	
Plan Diagram	Required Monumentation is placed at intersections and terminal points <u>are computed</u>	Unanswered	
Plan Diagram	Well is located according to prevailing legislation	Unanswered	
Background Information	Key Plan and Large Scale Detail insets oriented with diagram	Unanswered	
Background Information	Dashed lines used when depicting surrounding lot fabric	Unanswered	
Background Information	Key Plan shown	Unanswered	
Background Information	Names of places, features and roads shown	Unanswered	
Background Information	Reserve / park boundaries labeled on plan (if applicable)	Unanswered	
Background Information	Name and Number of Reserve on body of plan (if applicable)	Unanswered	
Plan legibility, format	Plan clearly documents the nature and position of the boundaries dealt with <u>by the survey</u>	Unanswered	
Plan legibility, format	Plan is well organized, uncluttered with good choice of layout and space <u>utilization</u>	Unanswered	
Plan legibility, format	Lettering not less than 2mm	Unanswered	
Plan legibility, format	Spelling correct (Band Names and Places)	Unanswered	
Plan legibility, format	Plotting to scale	Unanswered	
Plan legibility, format	Plan size meets specifications	Unanswered	
Plan legibility, format	Margin of 2cm	Unanswered	
Plan legibility, format	Plans prepared on mylar meet specifications	Unanswered	
Survey Report	Survey Report (if required) is included in returns	Unanswered	
Survey Report	Survey Report complies with Standards	Unanswered	
Survey Report	Survey Report is Certified Correct, c/w digital seal	Unanswered	
Digital Spatial File	Returns include a Digital Spatial File (except O&G in Territories and Offshore)	Unanswered	
Digital Spatial File	The digital spatial file is spatially correct, referred to <u>projected coordinates an repres ...</u>	Unanswered	
Digital Spatial File	The Data is organized on the appropriate layers and represented using the <u>prescribed data ...</u>	Unanswered	
Digital Spatial File	The Data is topologically correct and broken at monuments, intersections and <u>deflections.</u>	Unanswered	