

GROUND DISTURBANCE CHECKLIST

Date: 9/10/07 to 13/10/07 Time: 11:30 Am
 Project: Progress P/L Installation Contractor: Dobson Oilfield Services
 LSD: 5-19/12-19-78-10 W6 Location: 5-19/12-19-78-10 W6

Description: Install Piles and excavate to install risers

	YES	NO	N/A
1. Has the scope of work been reviewed with area EnCana production staff?	✓		
2. Has the scope of work been communicated to the contractor?	✓		
3. Has the work site been visually inspected?	✓		
4. Has a 30 m search area around the work area been clearly defined?	✓		
5. Has the work area plus a 5 m hand exposure zone been clearly defined?	✓		
6. Are any required crossing agreements in place and available on site?	✓		
7. Has the 1 Call Organization for your jurisdiction been contacted? Ticket/Reference Number: <u>7359200</u>	✓		
8. Have third party facility owners been notified 48 hours (72 hours for NEB lines) in advance of the crossing?	✓		
9. Has a qualified locating/survey company electronically swept the search area for underground facilities?	✓		
10. Have all underground facilities within the search area been marked and/or staked?	✓		
11. Have work area drawings been reviewed and checked against the electronic locate results?	✓		
12. Has or will all identified underground facilities in the work area plus 5 m be hand/hydrovac exposed?	✓		
13. Will the use of mechanical equipment be prohibited within 60 cm of any underground facilities, except under the direct onsite supervision of an EnCana Ground Disturbance Supervisor?	✓		
14. Will picks and bars be prohibited from use within 60 cm of any underground facilities?	✓		
15. Have all personnel involved in the ground disturbance completed EnCana's Ground Disturbance Orientation?	✓		
16. Does the EnCana Ground Disturbance Supervisor overseeing the ground disturbance possess valid industry accepted Supervisor Level or equivalent ground disturbance training certification? Expiry Date: <u>13/10/2010</u>	✓		
17. Will at least one individual (contractor or EnCana) with a valid Supervisor Level ground disturbance training certification or jurisdiction equivalent certification be at the immediate site of the ground disturbance at all times during the execution of ground disturbance activities?	✓		
18. Is the swamper aware of his/her responsibilities with respect to the identification of underground hazards and communication with the equipment operator?	✓		
19. Will a pre-disturbance tail gate safety meeting be conducted with all personnel involved in the ground disturbance be conducted prior to the initiation of work?	✓		
20. Do all personnel understand the emergency response procedure in the event of a line contact?	✓		
21. Will the owner(s) of any third party pipelines be notified 24 hours in advance of backfilling?			✓

Answering NO to any of the above questions contravenes EnCana and/or Regulatory requirements. The ground disturbance CAN NOT PROCEED until you are in a position to answer YES or N/A to questions 1 through 21.

22. Do the results of the electronic locate correlate to the information on available site drawings and observed site conditions?	✓		
23. Is there sufficient separation between identified underground facilities and/or surface facilities to electronically locate all underground facilities in the search area with confidence?	✓		
24. Is there sufficient separation between identified underground facilities and the planned work to conduct the ground disturbance safely?	✓		
25. Are you confident that you have located, to the best of your ability all underground facilities within the work area?	✓		
26. Are you confident in the ability of the assigned crew to conduct the ground disturbance safely and in compliance with all EnCana and Regulatory requirements?	✓		

Answering NO to any of questions 21 through 26 indicates that one or more additional risk controls are required prior to proceeding with the ground disturbance. Indicate which of the following risk controls will be employed to help ensure the ground disturbance will be conducted safely and compliantly:

- (number) additional independent electronic sweep search(es) will be conducted.
- A perimeter hydrovac search will be conducted.
- Only hydrovac excavation will be permitted.
- Mechanical excavation will not be permitted within 1 m of underground facilities.
- The ground disturbance will be conducted under the direct and continuous supervision of an EnCana Ground Disturbance Supe

COMMENTS (all items identified as "N/A" require an explanation)

This form does not include the crossing of third party lines. Excavation so permitted only on CURL 12-19-78-10 W6 Hydro within 5m Radius

SIGNATURES

Name/Signature Stam Reid Name/Signature _____
 EnCana Supervisor [Signature] Equipment Operator _____
 Contractor Supervisor [Signature] Swamper _____

THIS CHECKLIST IS ONLY VALID FOR THE SCOPE OF WORK AND CONDITIONS IT WAS COMPLETED UNDER. IF THE SCOPE OF WORK CHANGES OR CONDITIONS ARE NOT AS EXPECTED, NO WORK CAN PROCEED UNTIL A NEW CHECKLIST IS COMPLETED

