

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109



FOR OGCC USE ONLY

RECEIVED
3/29/2012

SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

Spill report taken by:

FACILITY ID:

OPERATOR INFORMATION

Name of Operator: <u>Encana Oil & Gas (USA) Inc.</u> OGCC Operator No: <u>100185</u>	Phone Numbers
Address: <u>2717 County Road 215, Suite 100</u>	No: <u>970 285-2653</u>
City: <u>Parachute</u> State: <u>CO</u> Zip: <u>81635</u>	Fax: <u>970 285-2705</u>
Contact Person: <u>Chris Hines - Environmental Field Coordinator</u>	E-Mail: <u>christopher.hines@encana.com</u>

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: <u>03/07/2012</u> Facility Name & No.: <u>N. PARACHUTE / J22 596</u>	County: <u>Garfield</u>
Type of Facility (well, tank battery, flow line, pit): <u>J22 PIT</u>	QtrQtr: <u>NWSE</u> Section: <u>22</u>
Well Name and Number: <u>335794 (Location ID)</u>	Township: <u>5S</u> Range: <u>96W</u>
API Number: <u>281088 (Facility ID)</u>	Meridian: <u>6th</u>
Specify volume spilled and recovered (in bbls) for the following materials:	
Oil spilled: <u>unknown</u> Oil recov'd: <u>NA</u> Water spilled: <u>unknown</u> Water recov'd: <u>NA</u> Other spilled: <u>NA</u> Other recov'd: <u>NA</u>	
Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contained within berm? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Area and vertical extent of spill: <u>9,250 sq.ft [area] x variable [depth]</u>
Current land use: <u>Rangeland</u>	Weather conditions: <u>NA</u>
Soil/geology description: <u>Nihill channery loam, 6 to 25 percent slopes.</u>	
IF LESS THAN A MILE , report distance IN FEET to nearest.... Surface water: <u>200</u> wetlands: <u>unknown</u> buildings: <u>NA</u>	
Livestock: <u>NA</u> water wells: <u>3,600</u> Depth to shallowest ground water: <u>>30</u>	
Cause of spill (e.g., equipment failure, human error, etc.): <u>equipment failure</u> Detailed description of the spill/release incident:	

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):
See attached

Describe any emergency pits constructed:
See attached

How was the extent of contamination determined:
See attached

Further remediation activities proposed (attach separate sheet if needed):
See attached

Describe measures taken to prevent problem from reoccurring:
See attached

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response

Spill/Release Tracking No: **2223744**

NARRATIVE ATTACHMENT - FORM 19

J22 North Parachute Ranch Pit Closure (Remediation # 6893)

Date of Discovery – 03/07/2012

Detailed description of the spill/release incident:

This Form 19 was prepared and submitted in accordance with COGCC Rule 905.c for the discovery of a spill/release during a pit closure. This form submittal also (may) include(s) information indicated in the Form 27 submitted for this project, Remediation # 6893. The facility ID number for the J22 pit is 281088. The release and liner failure was identified in the pit when the soil beneath the liner was sampled in accordance with Rule 905.b.(4). The Date of Incident is the date that sample results were received which identified elevated levels of COGCC Table 910-1 constituents of concern.

Describe immediate response (how stopped, contained and recovered):

In accordance with COGCC Rule 905.b, a Form 27 was also submitted for this project. The Notification of Completion prepared for this location will detail remediation efforts.

Describe any emergency pits constructed:

No emergency pits were constructed.

How was the extent of contamination determined?:

In accordance with COGCC Rule 905.b, representative grab samples were collected from the pit bottom after removal of the pit liner and were analyzed for comparison to the allowable concentration identified in Table 910-1. Sample analysis indicated total petroleum hydrocarbon (TPH) to be above the allowable concentration in one (1) below liner sample. Sample analysis also indicated sodium absorption ratio (SAR), benzene, and arsenic to be in one below liner sample that was above the allowable concentration for Table 910-1. The attached site diagram illustrates sample location points.

Further remediation activities proposed (attach separate sheet if needed):

In accordance with COGCC Rule 905.b, a Form 27 was also submitted for this project. The Notification of Completion prepared for this location will detail remediation efforts.

Describe measures taken to prevent problem from reoccurring:

All pits are constructed and maintained in accordance with COGCC Rules 902, 903, 904, and 905.



**J22 Storage Pit
Facility ID: 281088**

West Fork
Grand Valley Field
(North Parachute Ranch)
Garfield County, Colorado
Revised: March 27, 2012

encana
natural gas

0 1,300 2,600 3,900 Feet

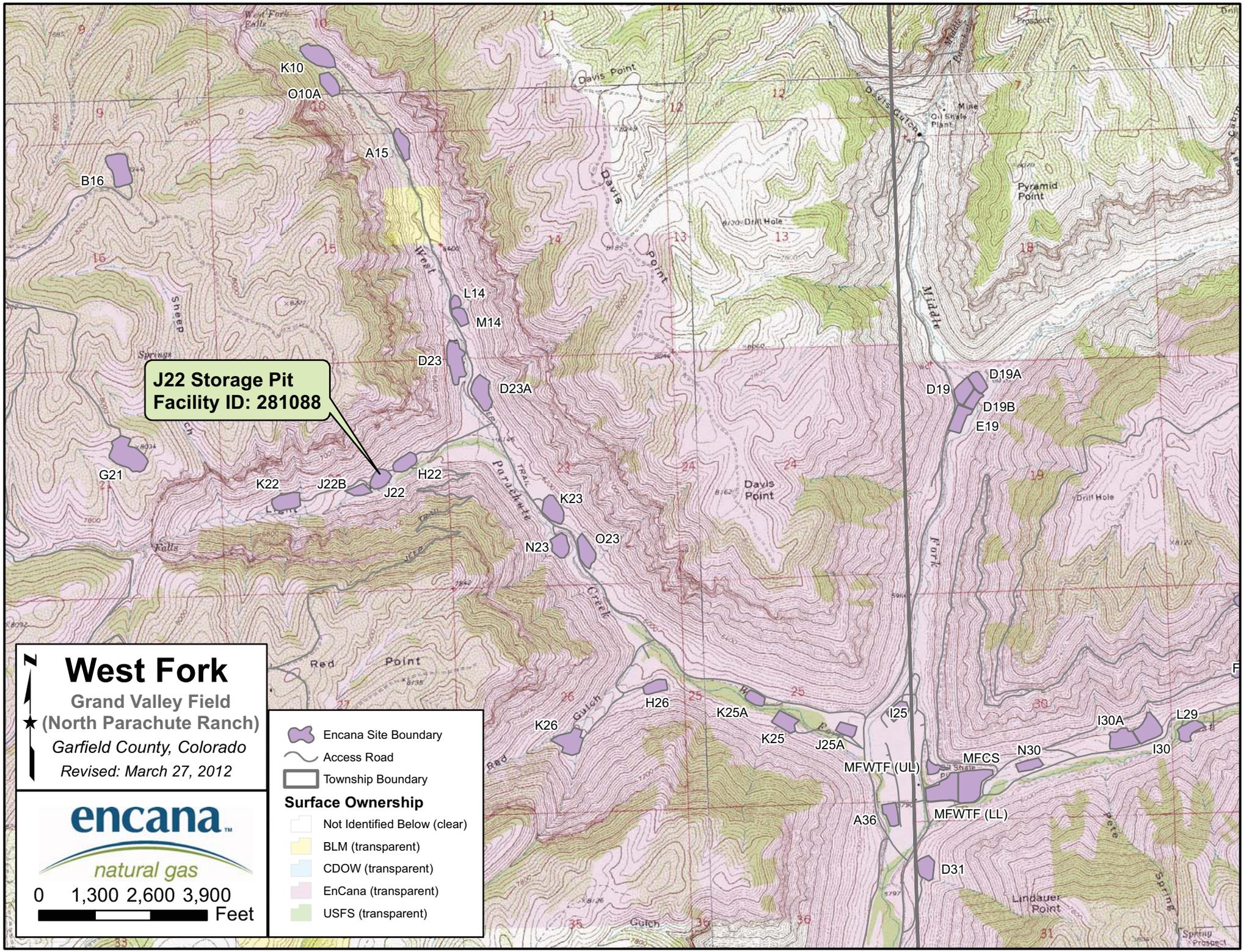
Encana Site Boundary

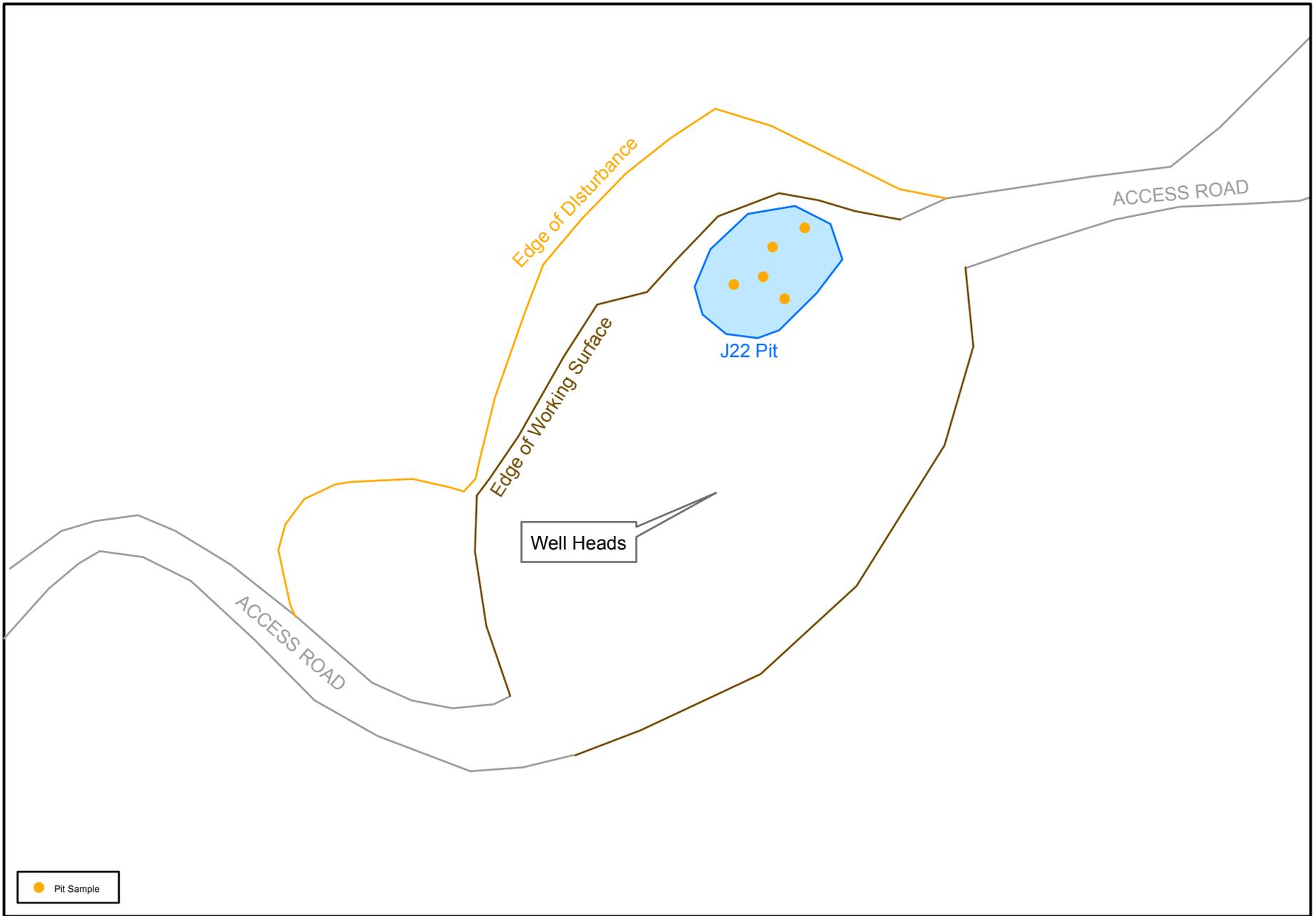
Access Road

Township Boundary

Surface Ownership

- Not Identified Below (clear)
- BLM (transparent)
- CDOW (transparent)
- EnCana (transparent)
- USFS (transparent)



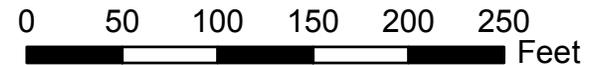


● Pit Sample



Encana Oil and Gas

J22 Site Diagram
 NWSE, Section 22, T5S, R96W, 6th PM
 Garfield County, Colorado



1 inch = 100 feet

March 26, 2012



Analytes (BDL = Below Detection Limit; ND = Non Detect)

Location	Lab	Sampler	Sample Date	Sample Matrix	Matrix Notes	Allowable Concentration ->	Organic Compounds in Soil (mg/kg [ppm])																			Inorganics in Soil			Metals in Soil (mg/kg [ppm])															
							TPH (Total volatile and extractable petroleum hydrocarbons)	TPH-SRO (C6-C10) Low Fraction	TPH-DRO (C10-C36) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes - total	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indene(1,2,3-c,d)pyrene	Naphthalene	Pyrene	EC (<4 mm/sicron or 2x background)	SAR (calculator)	pH	Arsenic	Barium - EPA Total Barium	Cadmium	Chromium (III)	Chromium (VI)	Copper	Lead (inorganic)	Mercury	Nickel (soluble salts)	Selenium	Silver	Zinc			
J22	ESC MK	03/07/12	Pit	Center (910) PRE		500	4755	160	4600	6.59	6.8	0.88	13	0.3	0.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	0.76	BDL	2.1	55	8.1	5.4	1200	0.44	18	BDL	33	14	0.19	18	BDL	BDL	65	
J22	ESC MK	03/07/12	Pit	E bottom PRE		500	102.8	2.8	100	0.0056	0.031	0.015	0.48																															
J22	ESC MK	03/07/12	Pit	N wall PRE		500	100	BDL	100	BDL	BDL	BDL	BDL																															
J22	ESC MK	03/07/12	Pit	W bottom PRE		500	470.83	0.83	470	BDL	BDL	BDL	0.074																															
J22	ESC MK	03/07/12	Pit	SE wall PRE		500	72	BDL	72	BDL	BDL	BDL	BDL																															

TO ADD A RECORD, RIGHT CLICK ON ONE OF THE ROW HEADINGS ABOVE AND CLICK "Insert". This approach will maintain the table formatting. Do not worry about where you insert the row, the data can be sorted appropriately later.