

JUL 25 2013

CANADA LANDS SURVEYS RECORDS

101892

Date: June 11, 2013

PLAN AND FIELD NOTES
OF SURVEY OF
EXPLORATORY WELL
COPRC LOON CREEK O-6
IN UNIT O, SECTION 6
GRID AREA 65° 10', 127° 00'
EXPLORATION LICENCE 470NORTHWEST TERRITORIES
CANADA OIL AND GAS LAND REGULATIONS100 50 0 100 200 metres
SCALE 1 : 5000SURVEYED FOR
CONOCOPHILLIPS CANADA RESOURCES CORPORATION
BY: R. ROBINSON, C.L.S.
2013

-NAD 83 UTM COORDINATES ARE COMPUTED FOR ZONE 9, CENTRAL MERIDIAN 129°W.
BEARINGS WERE DERIVED FROM GPS OBSERVATIONS.
-DISTANCES ARE EXPRESSED IN METRES AND DECIMALS THEREOF.
-DISTANCES SHOWN IN G.P.S. TRAVERSE ARE MEASURED DISTANCES
REDUCED TO THE HORIZONTAL AT GENERAL GROUND LEVEL UNLESS SHOWN OTHERWISE.
-FOR THE COMPUTATION OF COORDINATES MEASURED DISTANCES HAVE BEEN
REDUCED TO THE UTM PLANE BY MULTIPLYING THEM BY AN AVERAGE COMBINED
SCALE FACTOR OF 0.999682.
-NAD 83 UTM COORDINATES ARE CONVERTED TO NAD 27 USING NATIONAL TRANSFORMATION
VERSION 2.

Certified Correct and completed on the
4th day of April, 2013Ron Robinson C.L.S.
April 4, 2013

-DISTANCES SHOWN ON GRID AREA SUBDIVISIONS ARE UTM PLANE.

C.L.S. 77 TYPE MONUMENTS FOUND..... ●
C.L.S. 77 TYPE MONUMENTS PLACED..... ○
TEMPORARY TRAVERSE POINTS SHOWN THUS (SPIKE 10°)..... △

REFER TO FB39795 CLSR FOR THE SURVEY REPORT PERTAINING TO THIS SURVEY.

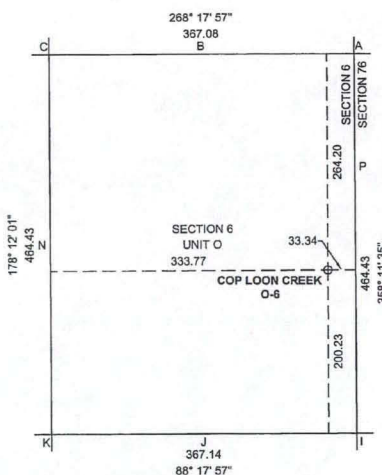
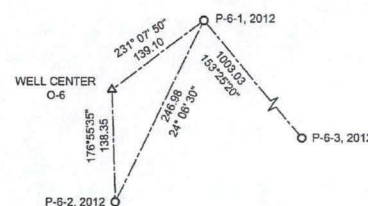
GROUND ELEVATION AT WELL CENTRE IS 252.44 metres.
ELEVATION AT TOP OF FLANGE IS 253.40 metres.
ELEVATIONS WERE DERIVED FROM GPS OBSERVATIONS.

THIS SURVEY WAS EXECUTED DURING THE PERIOD
JULY 17th, 2012 TO JULY 20th, 2012 AND MARCH 24th, 2013 BY RON ROBINSON, C.L.S.

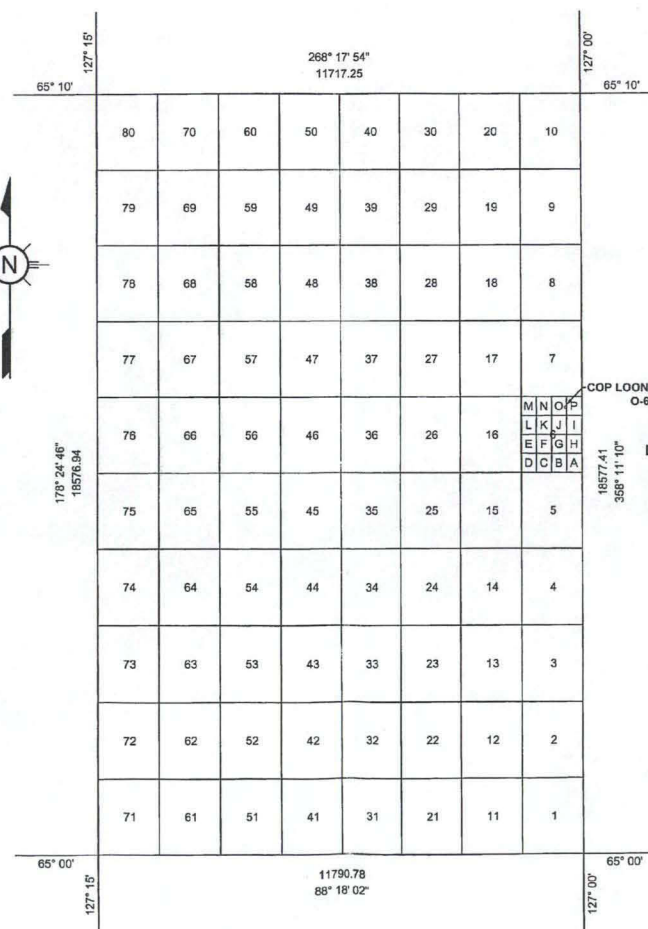
CONOCOPHILLIPS CANADA RESOURCES CORPORATION

(SIGNATURE, TITLE) *Drilling Team Lead Exploration New Ventures*(SIGNATURE) *[Signature]*WITNESS *[Signature]*

DATE May 28, 2013

DETAIL A: SURFACE UNIT
SCALE 1 : 5000DETAIL B: G.P.S. SURVEY
SCALE 1:5000

-BEARINGS ARE UTM NAD27, ZONE 9.
-DISTANCES ARE REDUCED TO THE HORIZONTAL
AT GENERAL GROUND LEVEL.



-Bearing and distances are UTM NAD 27, Zone 9.

GRID AREA 65° 10', 127° 00'
SCALE 1 : 100 000

TABLE OF CO-ORDINATES

STATION	U.T.M. ZONE 9, C.M. 129 (NAD83)		U.T.M. ZONE 9, C.M. 129 (NAD27)		GEOGRAPHIC CO-ORDINATES (NAD27)	
	NORTHING	EASTING	NORTHING	EASTING	LATITUDE	LONGITUDE
SURVEYED CO-ORDINATES - Derived Using NRCAN PPP Website and Local Static Observations						
CLS 77 P-6-1, 2012	7220901.72	593577.76	7220705.57	593668.41		
CLS 77 P-6-2, 2012	7220676.36	593476.91	7220480.20	593567.56		
CLS 77 P-6-3, 2012	7220005.00	594026.36	7219808.81	594117.02		
GRID AREA						
N.E.			7228321.52	593716.87	65°10'	127°00'
N.W.			7227973.56	582004.79	65°10'	127°15'
S.E.			7209753.42	594304.93	65°00'	127°00'
S.W.			7209403.75	582519.34	65°00'	127°15'
O-6 N.E.			7220883.38	593585.17	65°06'00.02"	127°00'28.13"
O-6 N.W.			7220872.49	593218.25	65°06'00.05"	127°00'56.26"
O-6 S.E.			7220419.18	593599.82	65°05'45.02"	127°00'28.13"
O-6 S.W.			7220408.28	593232.84	65°05'45.05"	127°00'56.26"
WELL CENTRE						
O-6	7220814.48	593469.53	7220618.32	593560.18	65°05'51.49"	127°00'30.69"