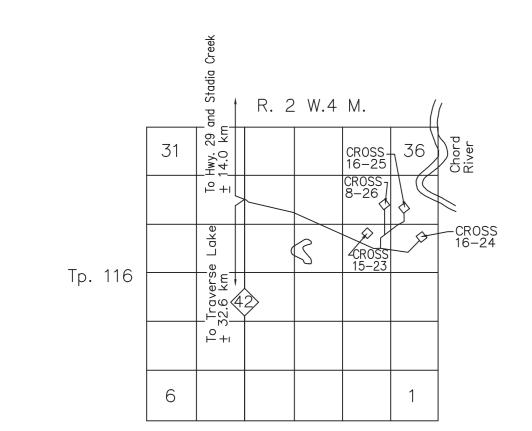
This speciman plan is to depict a survey pursuant to Chapters 2.2 and 10 of the National Standards for the Survey of Canada Lands.

This plan shows:

- 2 cm -

- a survey of a well site and access road under the Indian Oil and Gas Regulations; and
- geo-referencing to NAD83 CSRS using Precise Point Positioning.

CROSS 02 HAIR 8-26-116-2 W. 4M.



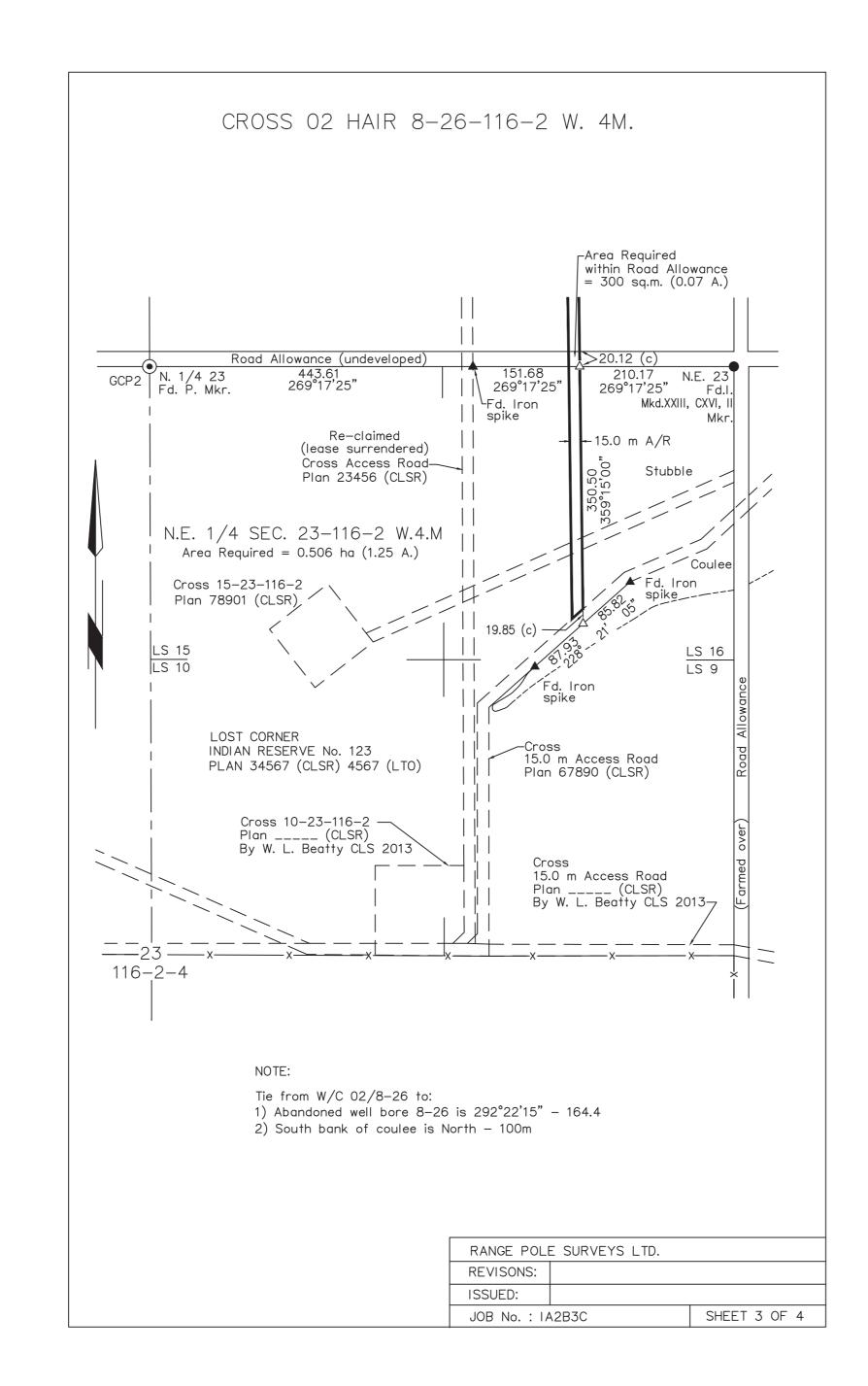
ROUTE PLAN
Not to scale

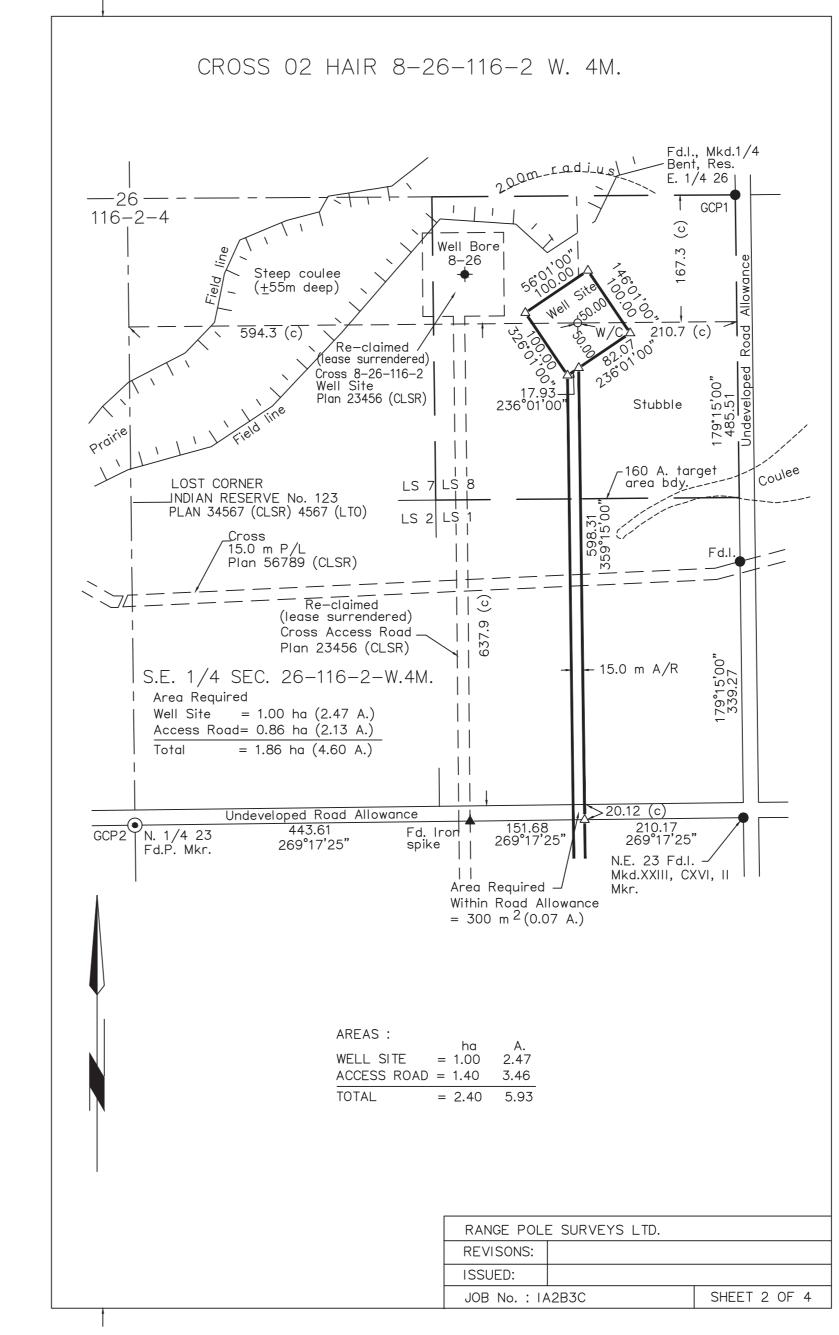
Adjusted UTM Coordinates — Geo—Referenced Control Stations
NAD83 (CSRS) Epoch V4 (2002) Zone 12 (111 W. Longitude)

NAD83 (CSRS) Epoch V4 (2002) Zone 12 (111 W. Longitude)					
STATION	NORTHING	EASTING	COMBINED SCALE FACTOR	ESTIMATED ABSOLUTE ACCURACY	
GCP1	6552149.197	545111.393	0.999123	0.05	
GCP2	6551315.243	544317.488	0.999123	0.05	

NRCan's PPP (Precise Point Positioning) Post Processing Service was used to derive coordinates for Control Stations GCP1 & GCP2.

RANGE POLE SURVEYS LTD.				
REVISONS:				
ISSUED:				
JOB No. : IA2B3C		SHEET 4 OF 4		





S P E C I M E N O N L Y

CANADA LANDS SURVEYS RECORDS

Date :

CROSS PETROLEUM LTD.

CROSS 02 HAIR 8-26-116-2

Plan of Survey of

Well Site and Access Road in

N.E. 1/4 Sec. 23 and S.E. 1/4 Sec. 26

And Through the Adjoining Road Allowance

| All within Tp. 116, R. 2, W. 4 <sup>th</sup> M.

(FOR LOCATION DESCRIPTION SEE CHAPTER 2.2, GUIDELINES FOR PREPARATION OF SURVEY PLANS)

LOST CORNER INDIAN RESERVE No. 123

PROVINCE OF ALBERTA

SCALE 1: 5000

0 50 100 150 200 300 400 500 METRES

The plot size that will provide true scale and optimum readability for this plan is 382 by 972 mm.

THIS SURVEY WAS EXECUTED DURING THE PERIOD OF \_\_\_\_\_ TO \_\_\_\_\_ BY GASTON KRUDE, CLS, ALS. (date) (date) (year)

LEGEND:

Bearings are NAD83 (CSRS) UTM Grid, derived from dual frequency differential carrier phase GNSS observations and are referred to the central meridian of UTM Zone 12 (111 West Longitude).

Distances shown are horizontal at general ground level unless noted otherwise and are expressed in metres and decimals thereof. To compute grid distances, multiply ground level distances by the average combined scale factor of 0.999123

Real time kinematic GPS observations were used to derive part of this survey.

P/L denotes pipeline right—of—way LS denotes legal subdivision

A/R denotes access road

Department of Natural Resources
Re: Subsection 40(1), Indian Oil and Gas Regulations, 1995
RE: Section 38, Canada Lands Surveyors Regulations
CERTIFIED CORRECT

Reviewed

On the \_\_\_\_ Day of \_\_\_\_

for Surveyor General DATE Gaston Krude, C.L.S., A.L.S..

Project No.

File No.

Checklist No.

RANGE POLE SURVEYS LTD.
REVISONS:

Gaston Krude Comm. No. 0000

ISSUED:

JOB No.: IA2B3C SHEET 1 OF 4

2 cm

2 cm