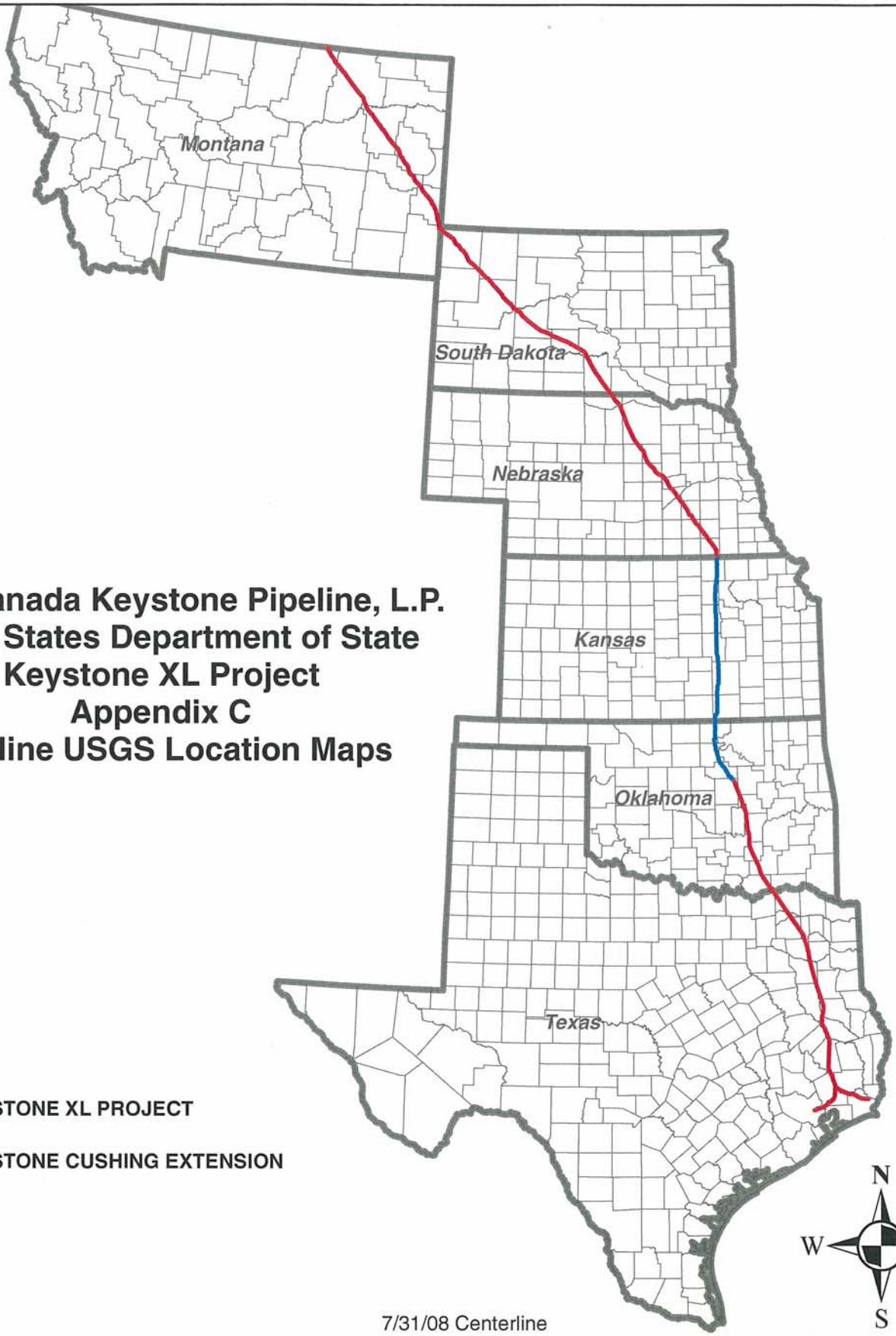


TransCanada Keystone Pipeline, L.P.
United States Department of State
Keystone XL Project
Appendix C
Pipeline USGS Location Maps

7/31/08 Centerline

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

Trow

ConocoPhillips | TransCanada — In business to deliver

NO.	REVISION	DATE
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 13N, 14N, 15N
NTS

PROJECT: 50388X

SHEET: COVER SHEET

DRAWING NUMBER	DRAWN BY	CHECKED BY	APPROVED BY
XL-FIPS-ML-2002-P-001	GS	SS	RG

TROW ENGINEERING CONSULTANTS, INC.
NOVEMBER 19, 2008
REVISION 0

TransCanada Keystone Pipeline, L.P.
United States Department of State
Keystone XL Project
Appendix C
Pipeline USGS Location Maps

Cushing, Oklahoma to Nederland, Texas

N
W E
S

7/31/08 Centerline

TROW ENGINEERING CONSULTANTS, INC.
NOVEMBER 19, 2008
REVISION 0

KEYSTONE XL PROJECT

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

Trow

ConocoPhillips | TransCanada — in business to deliver

NO.	REVISION	DATE
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

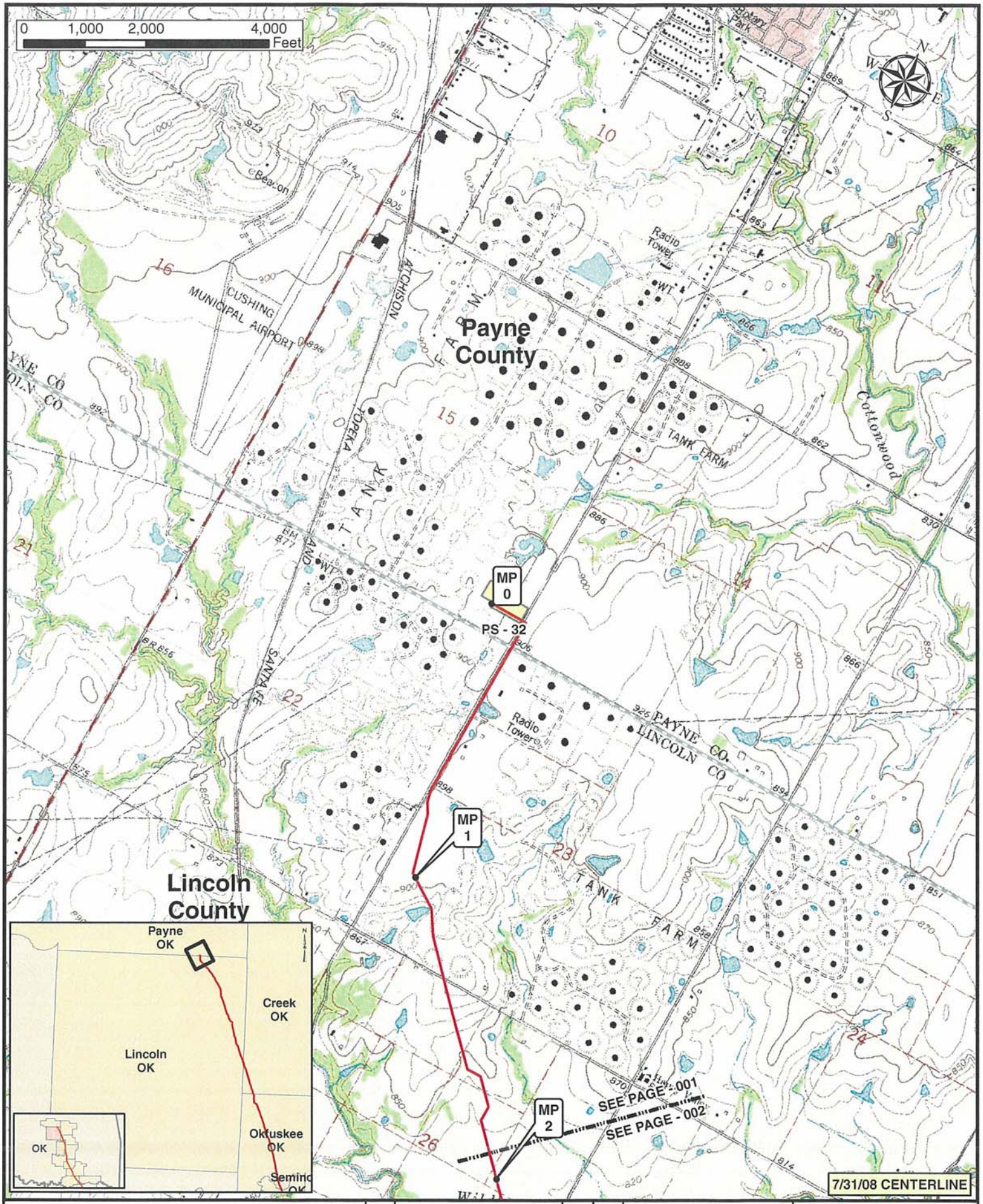
KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
NTS

PROJECT: 50388X

SHEET: COVER SHEET

DRAWING NUMBER	DRAWN BY	CHECKED BY	APPROVED BY
XL-FIPS-ML-2002-P-003	GS	SS	RG



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

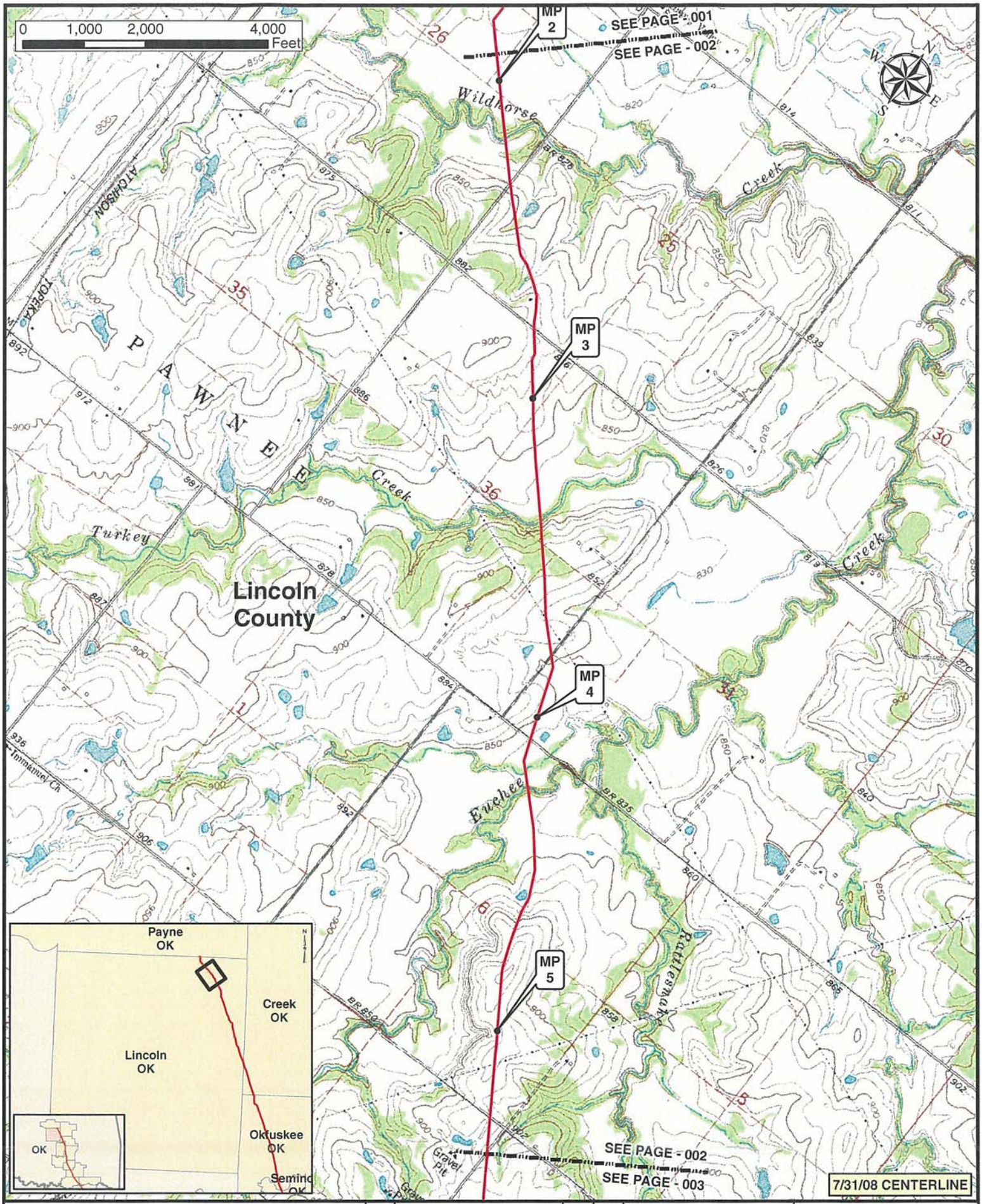
ConocoPhillips

TransCanada

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	60388X	XL-40-ML-2002-P-001 -C	001	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

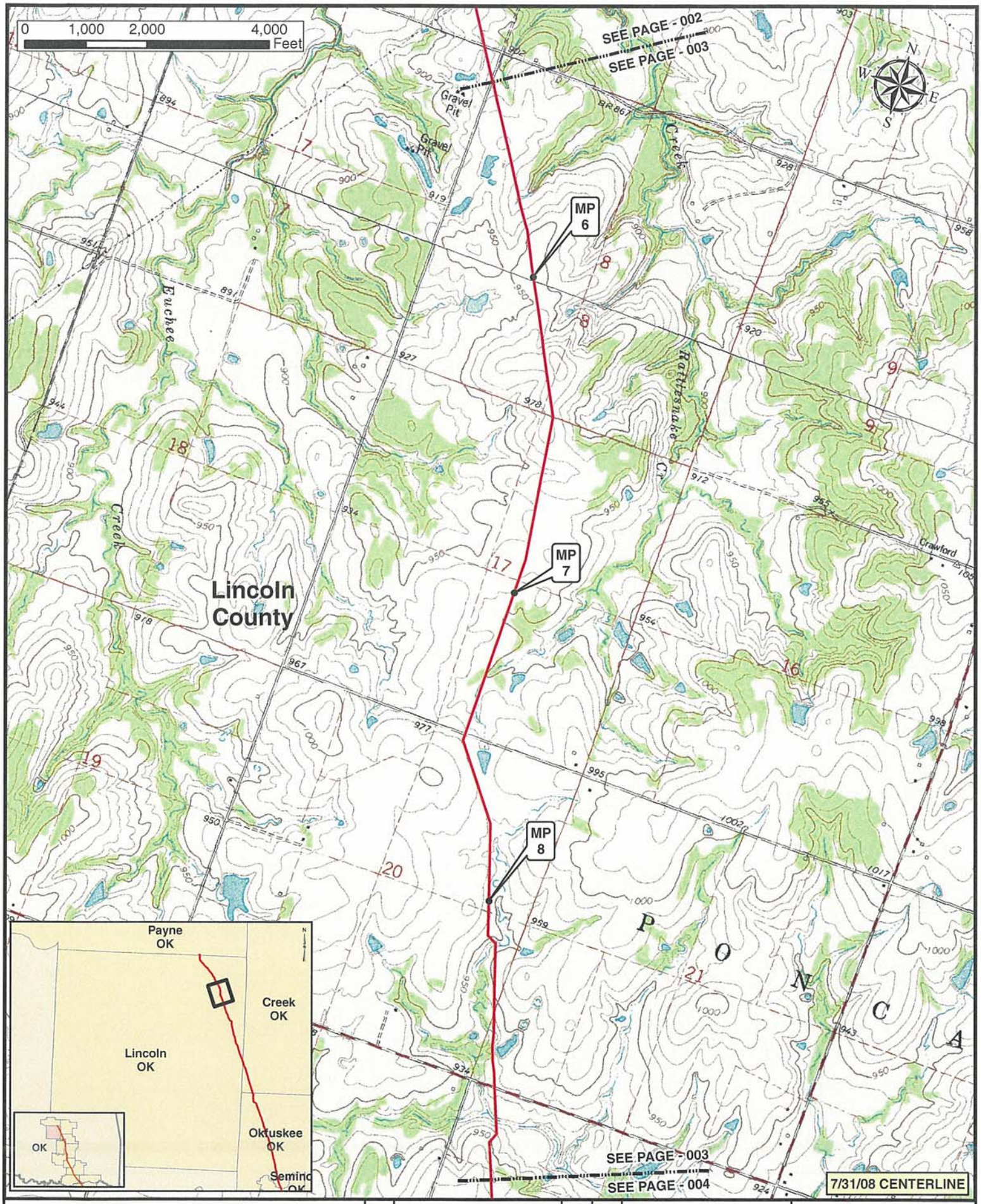
TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-002 -C	002	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

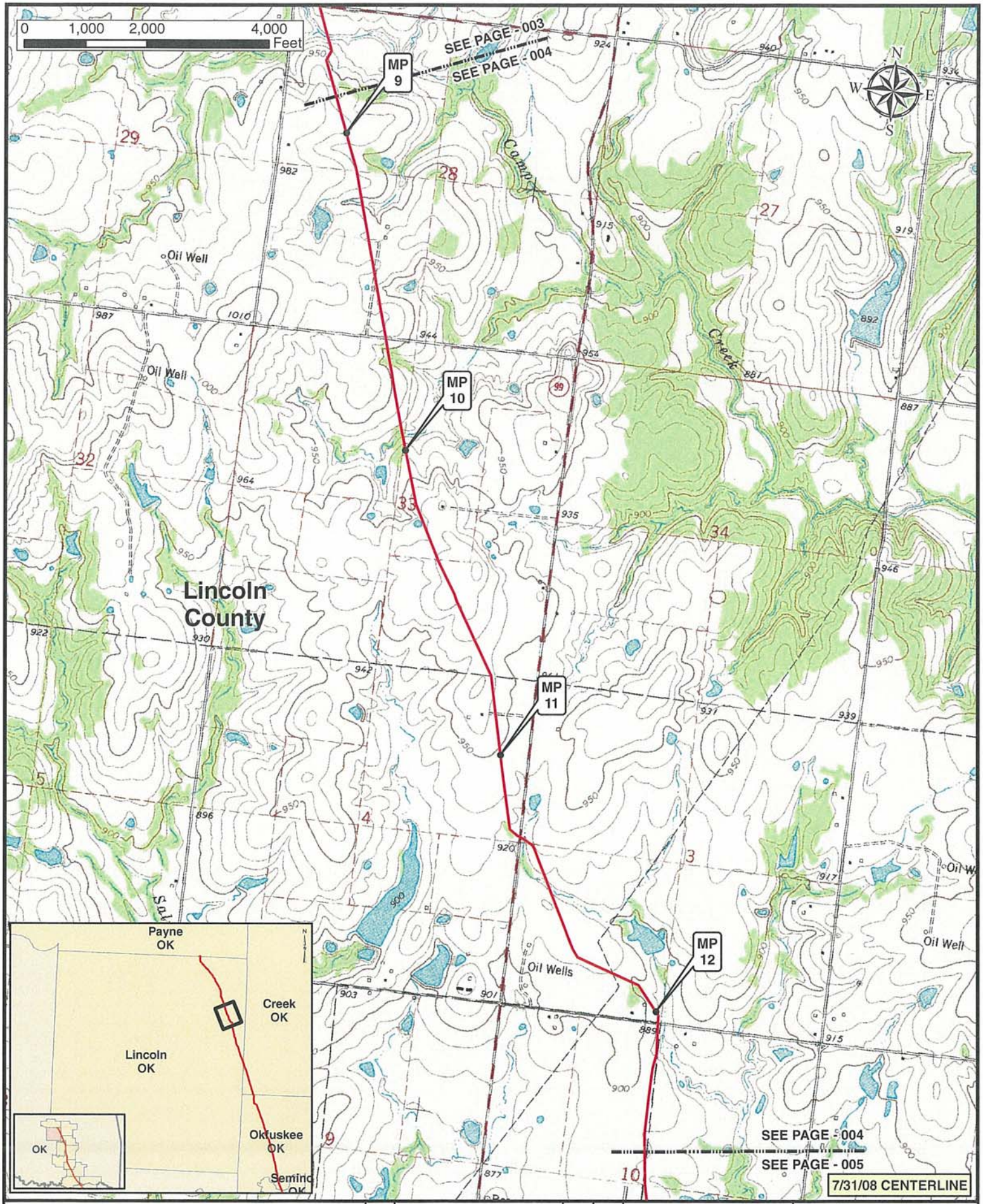
ConocoPhillips

TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-003 -Q	003	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

TransCanada

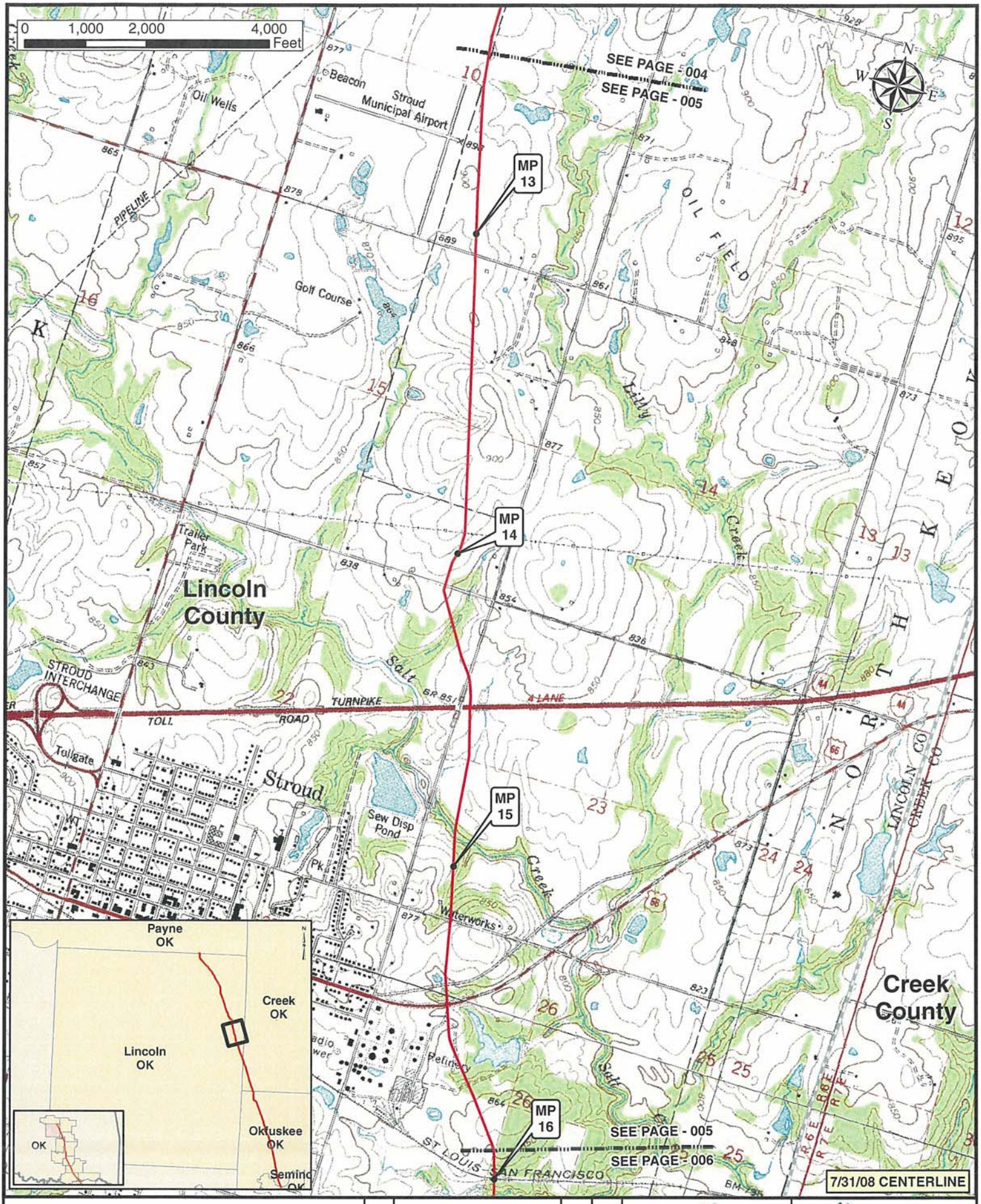
PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED
1:24000	11.19.08	GS	SS	RG

PROJECT:	DRAWING NUMBER	SHEET	REVISION
50388X	XL-40-ML-2002-P-004-C	004	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

TransCanada
In business to deliver

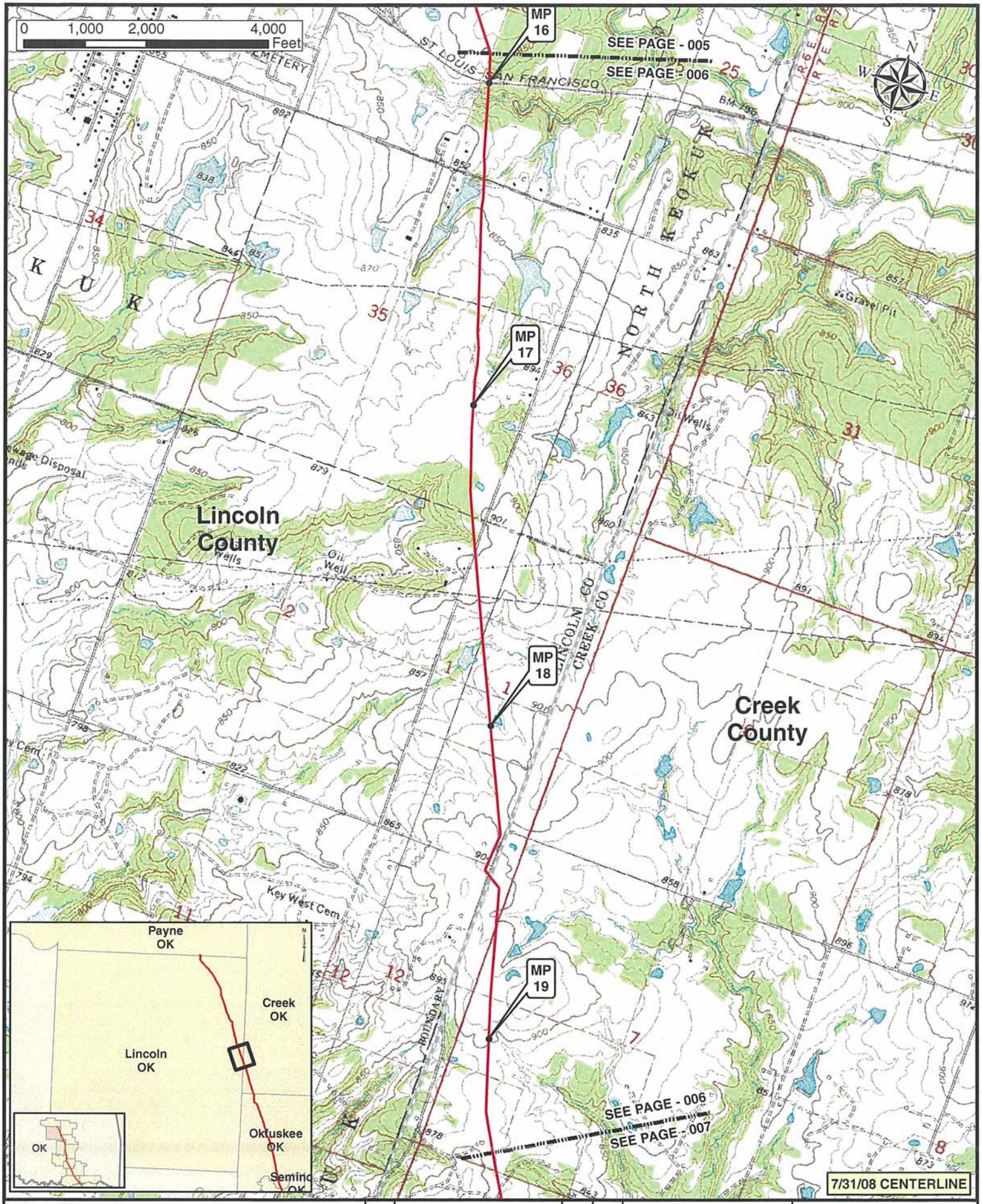
PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED
1:24000	11.19.08	GS	SS	RG

PROJECT:	DRAWING NUMBER	SHEET	REVISION
50388X	XL-40-ML-2002-P-005 -O	005	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CU	11.19.08	RG

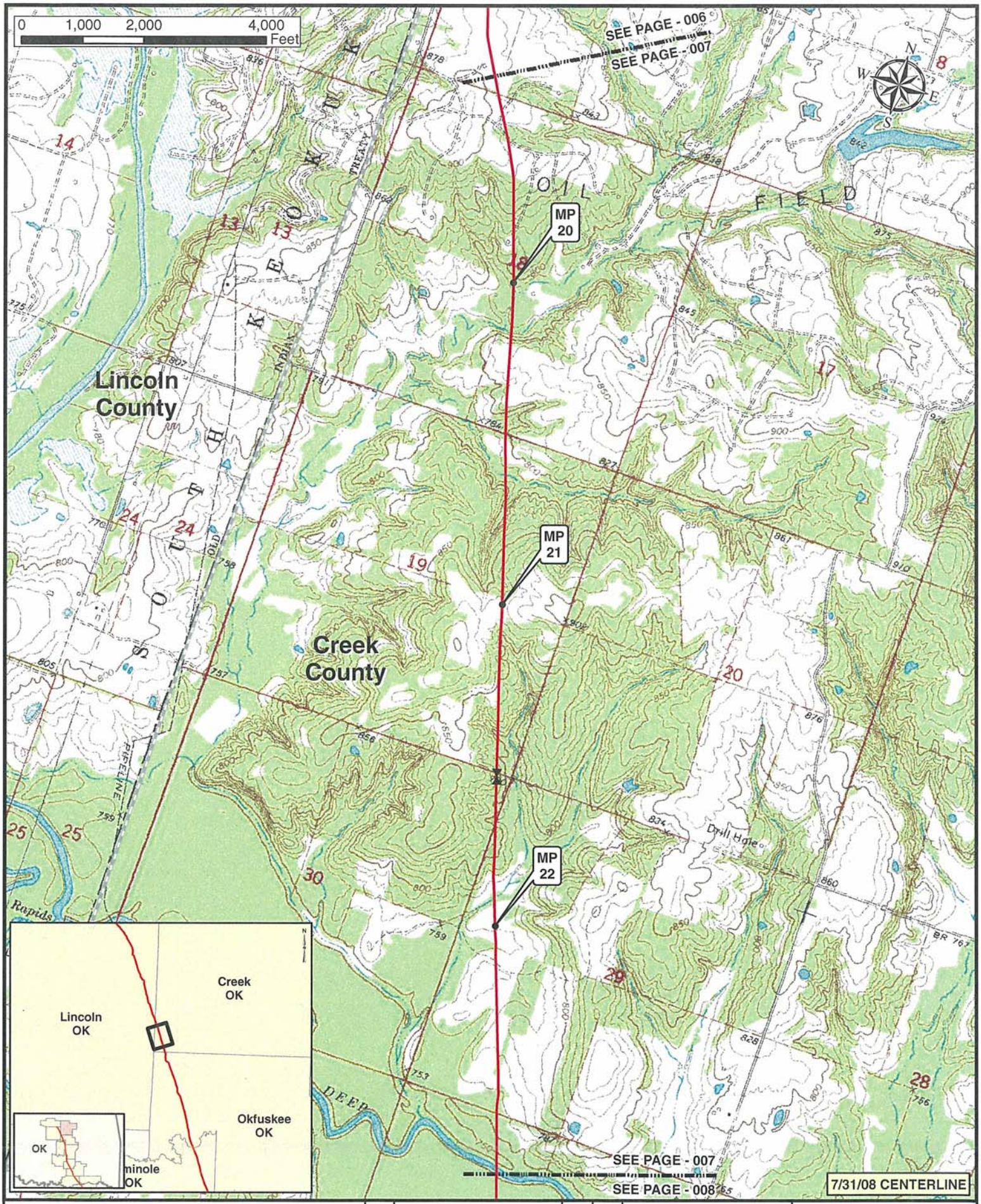
ConocoPhillips

Trow PREPARED BY TROW ENGINEERING CONSULTANTS INC.

TransCanada — In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-006-O	006	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

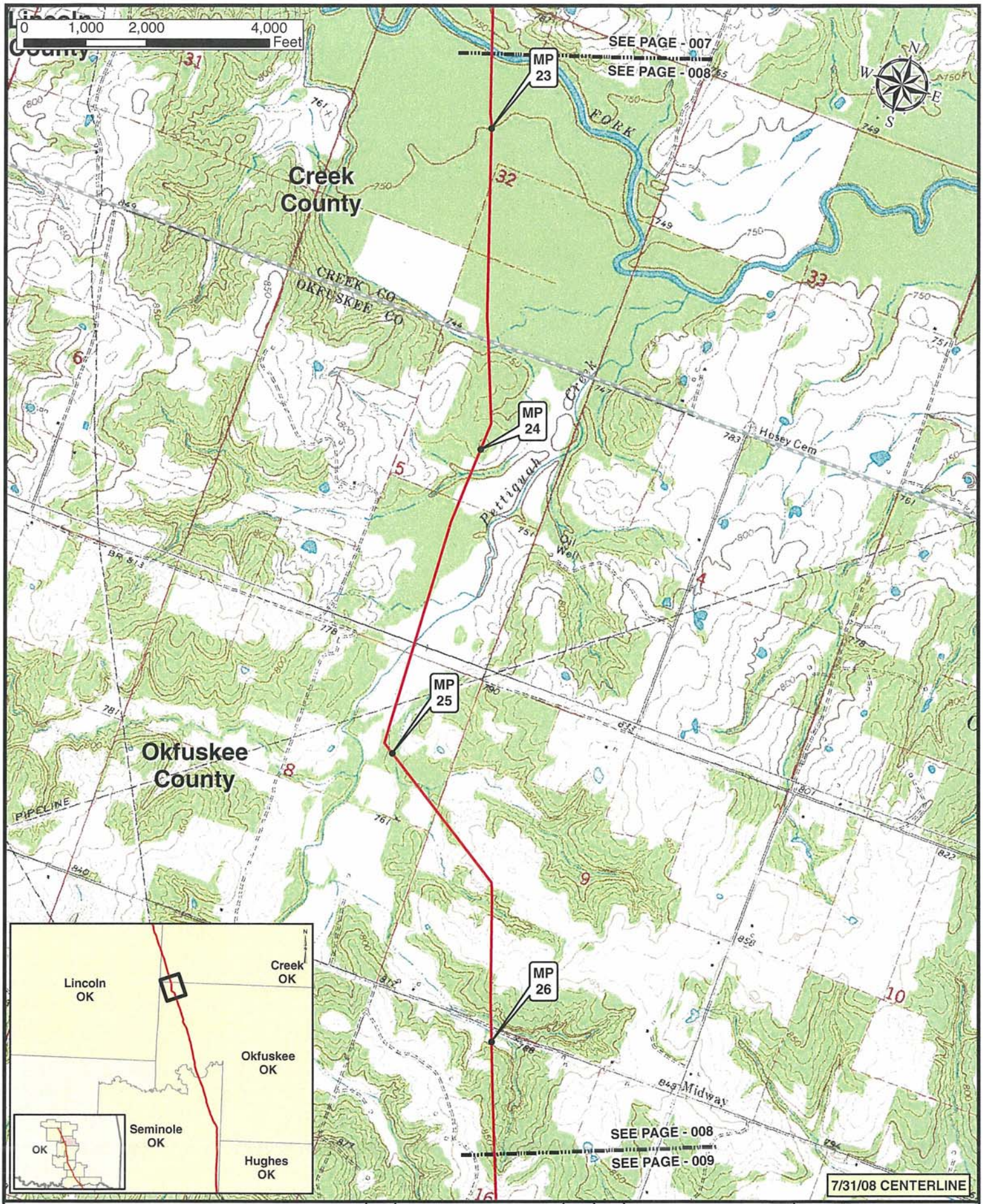
ConocoPhillips

TransCanada — in business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-007-G	007	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

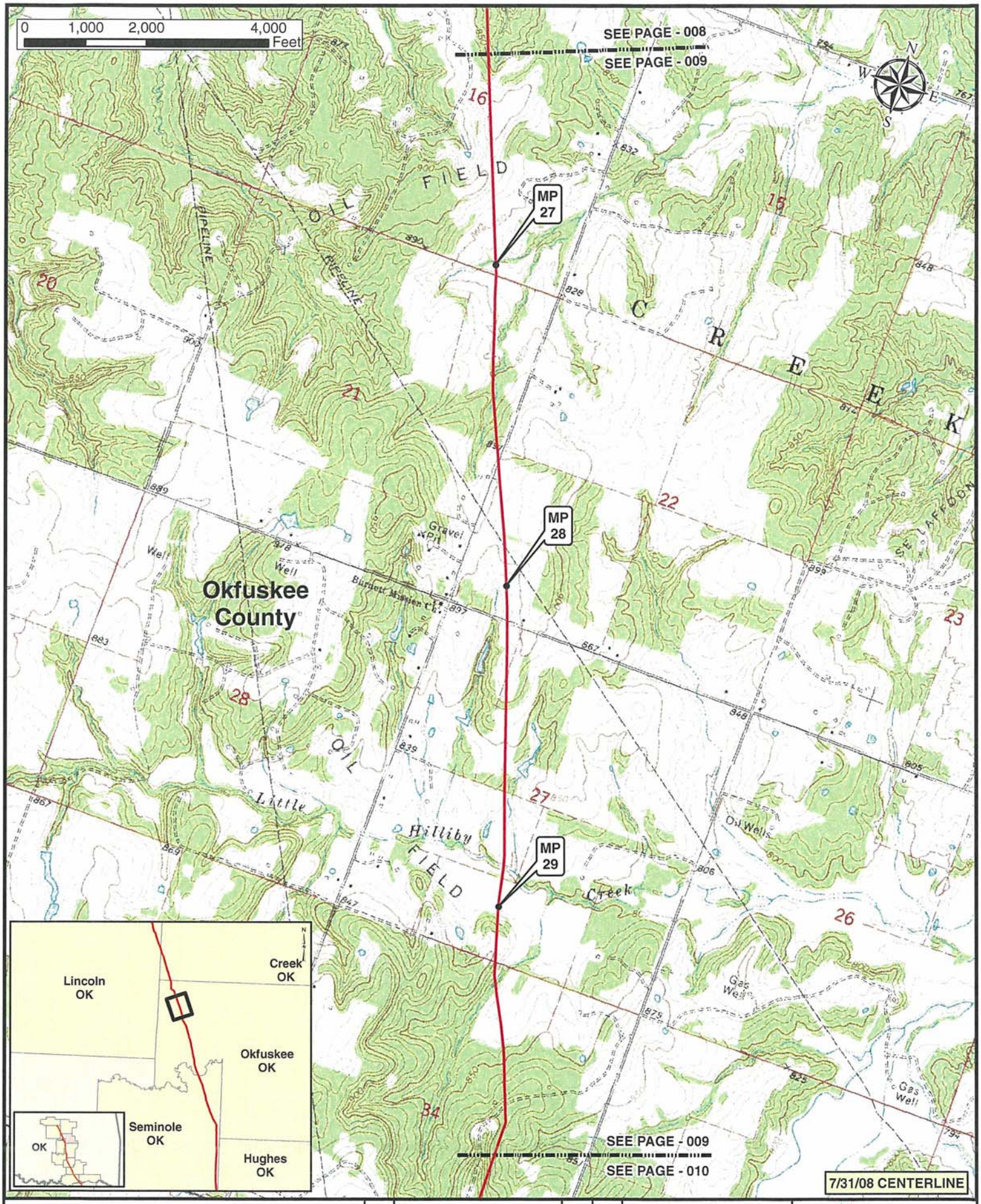
TransCanada — in business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-F-008 -0	008	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

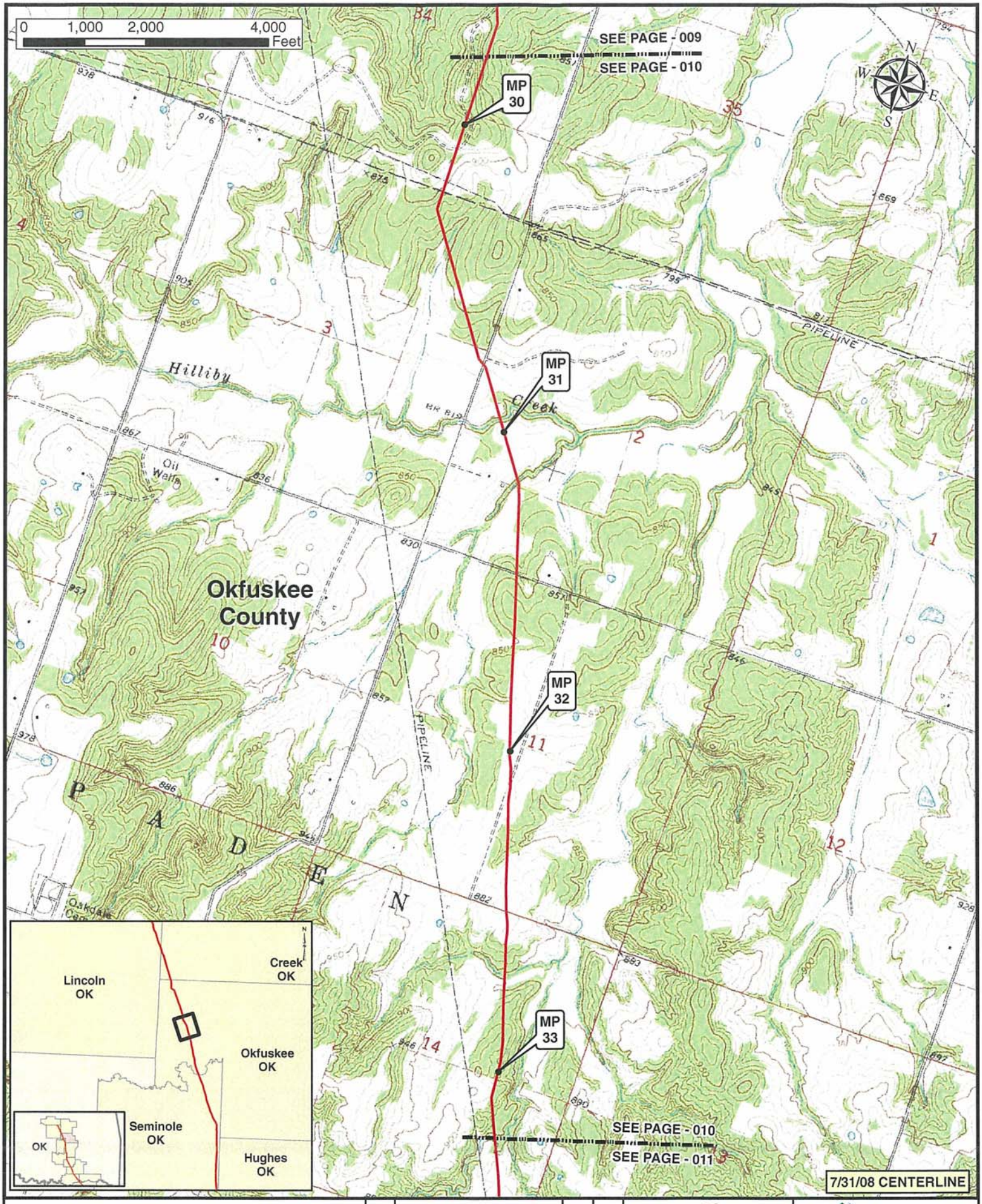
ConocoPhillips

TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-009 -G	009	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

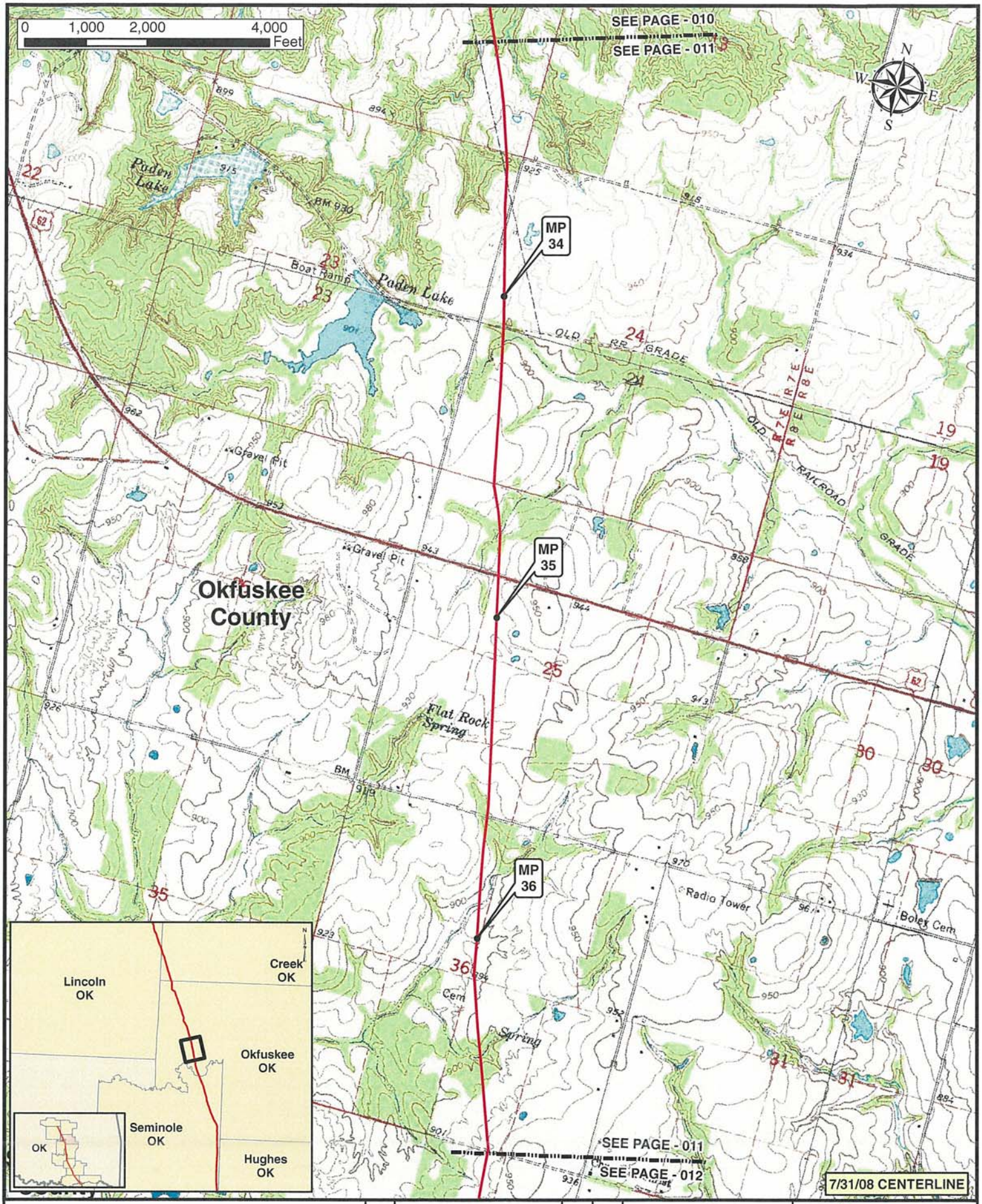
TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-010 -C	010	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

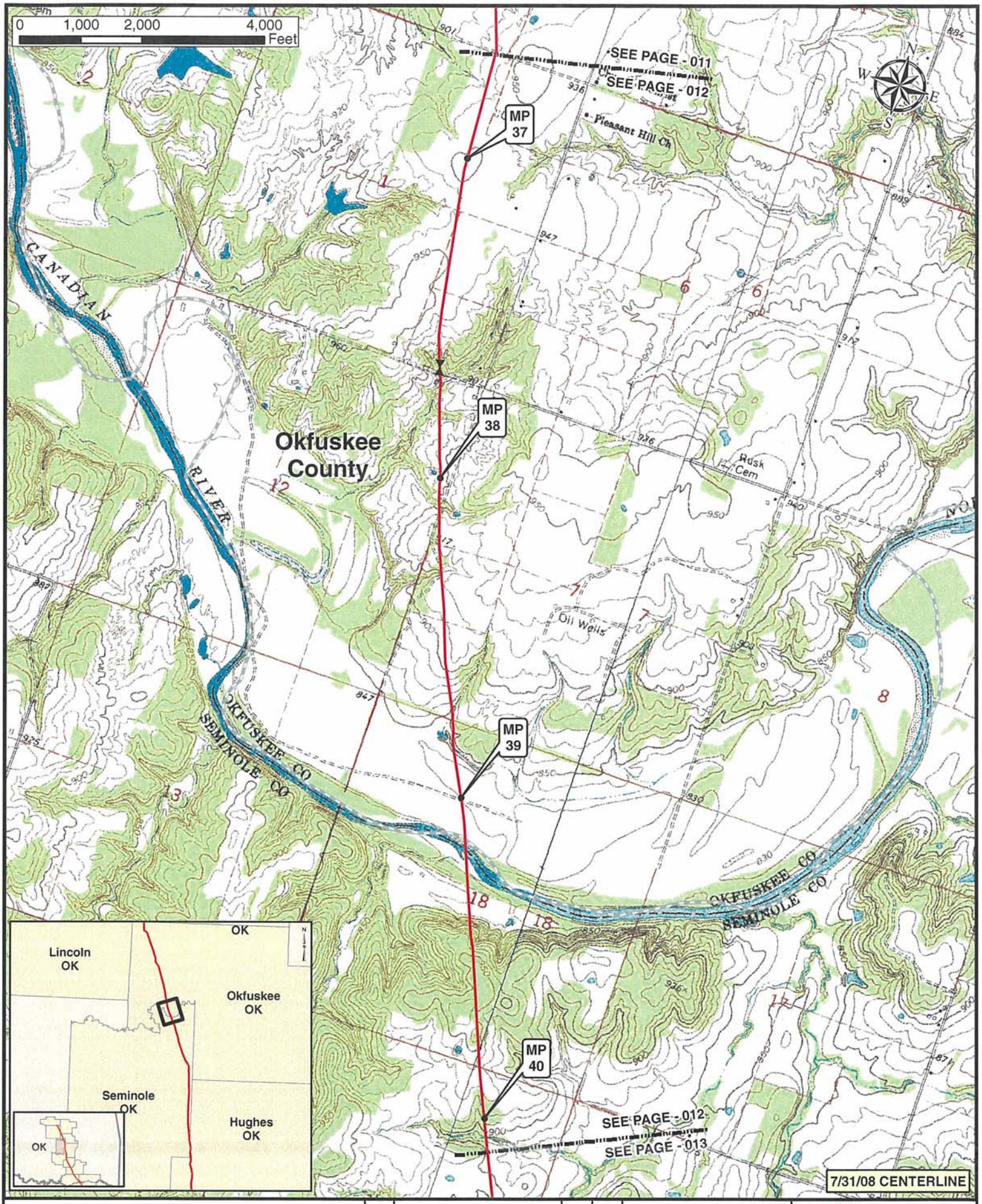
TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-011 -G	011	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

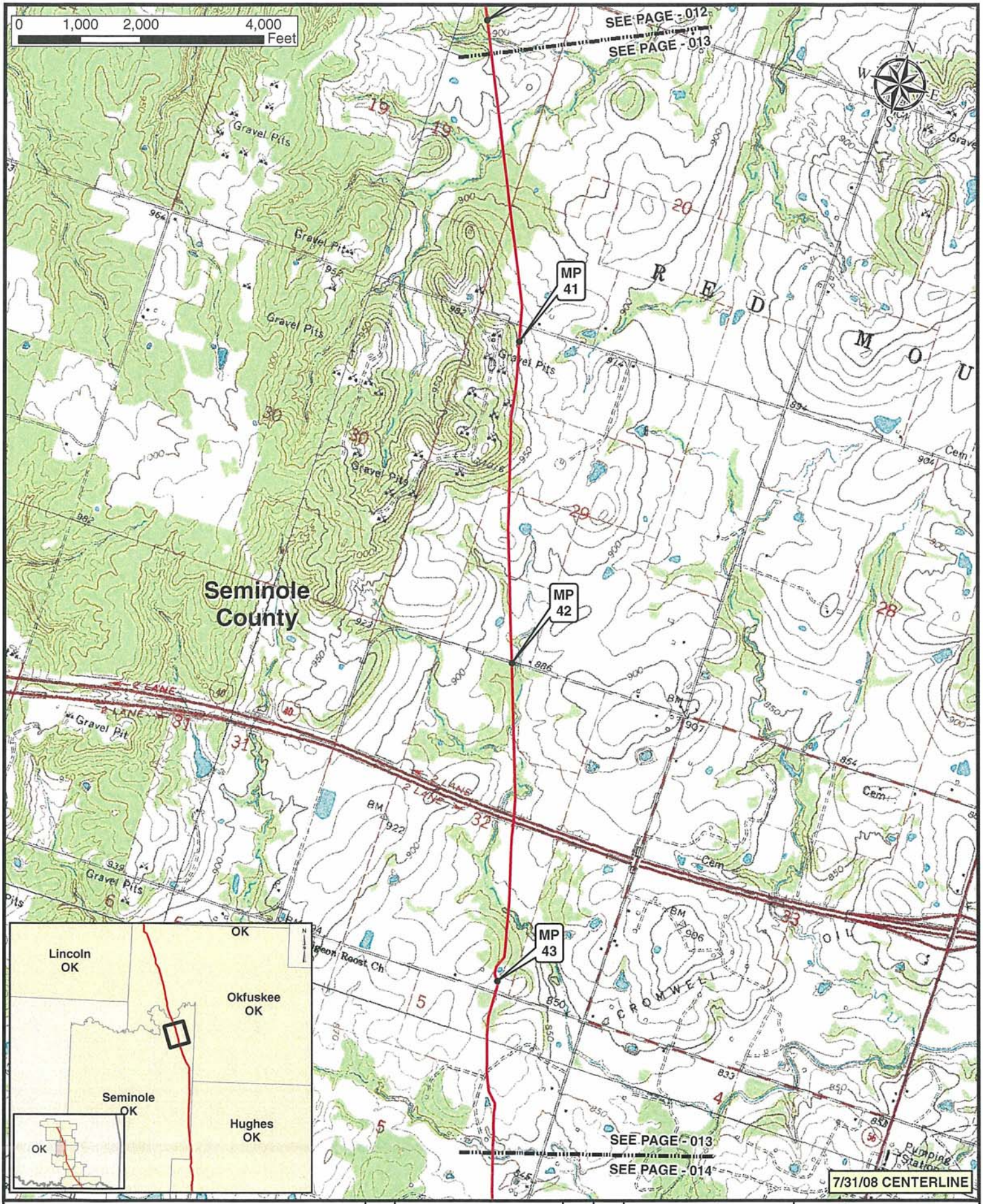
TransCanada
An energy to deliver

PREPARED BY Trow ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-012 -O	012	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

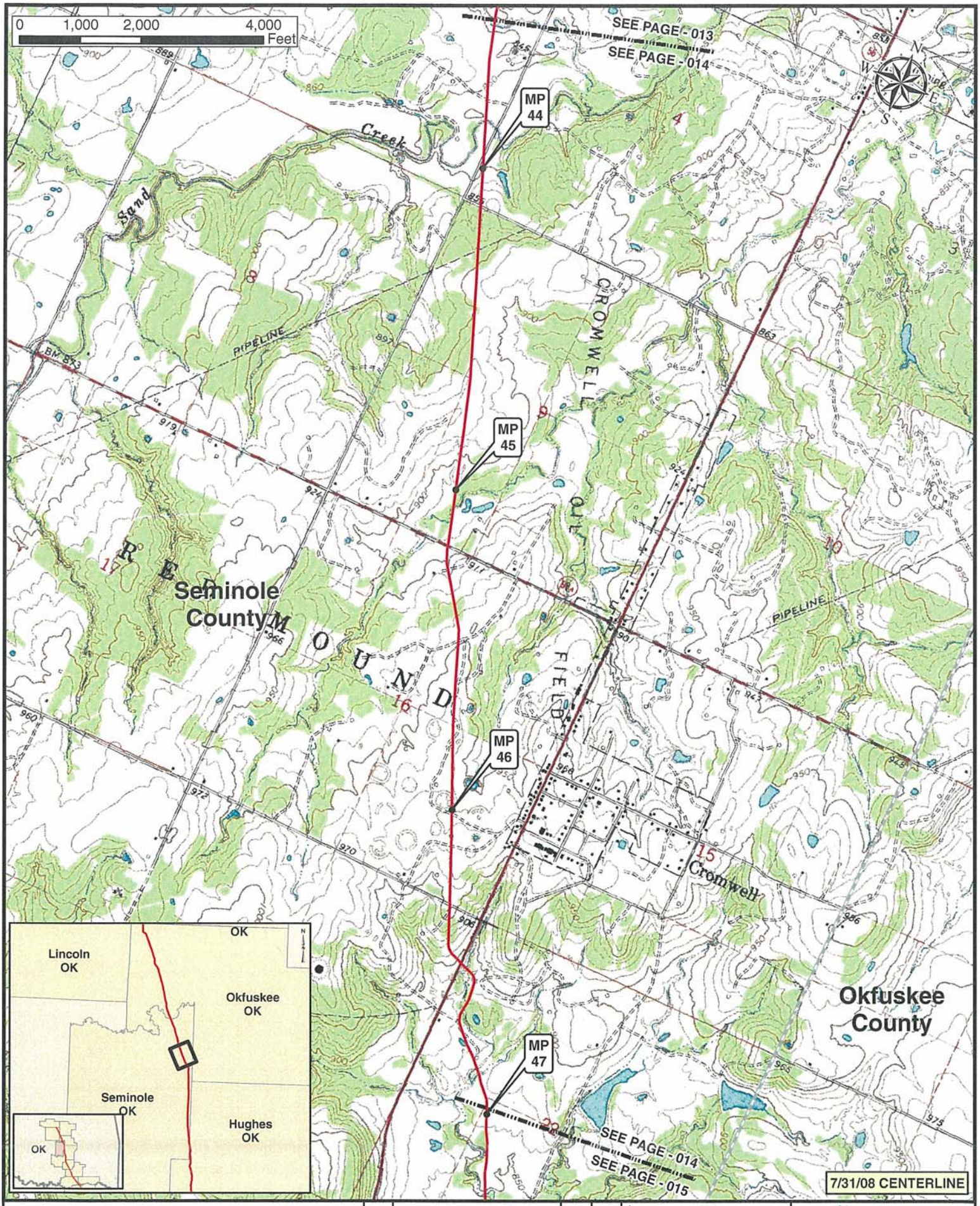
TransCanada
an business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-013 -O	013	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

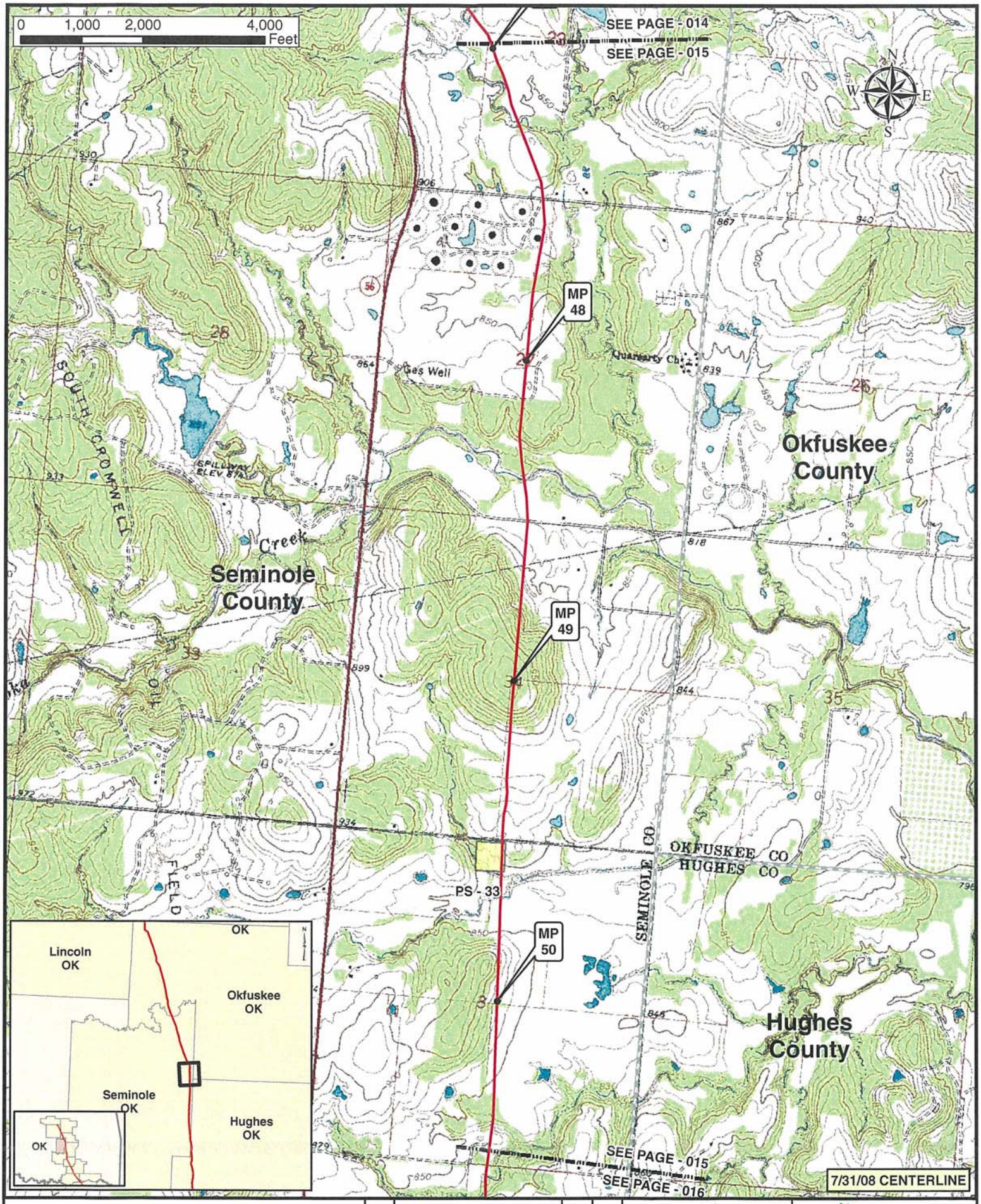
ConocoPhillips

TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	60388X	XL-40-ML-2002-P-014 -Q	014	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

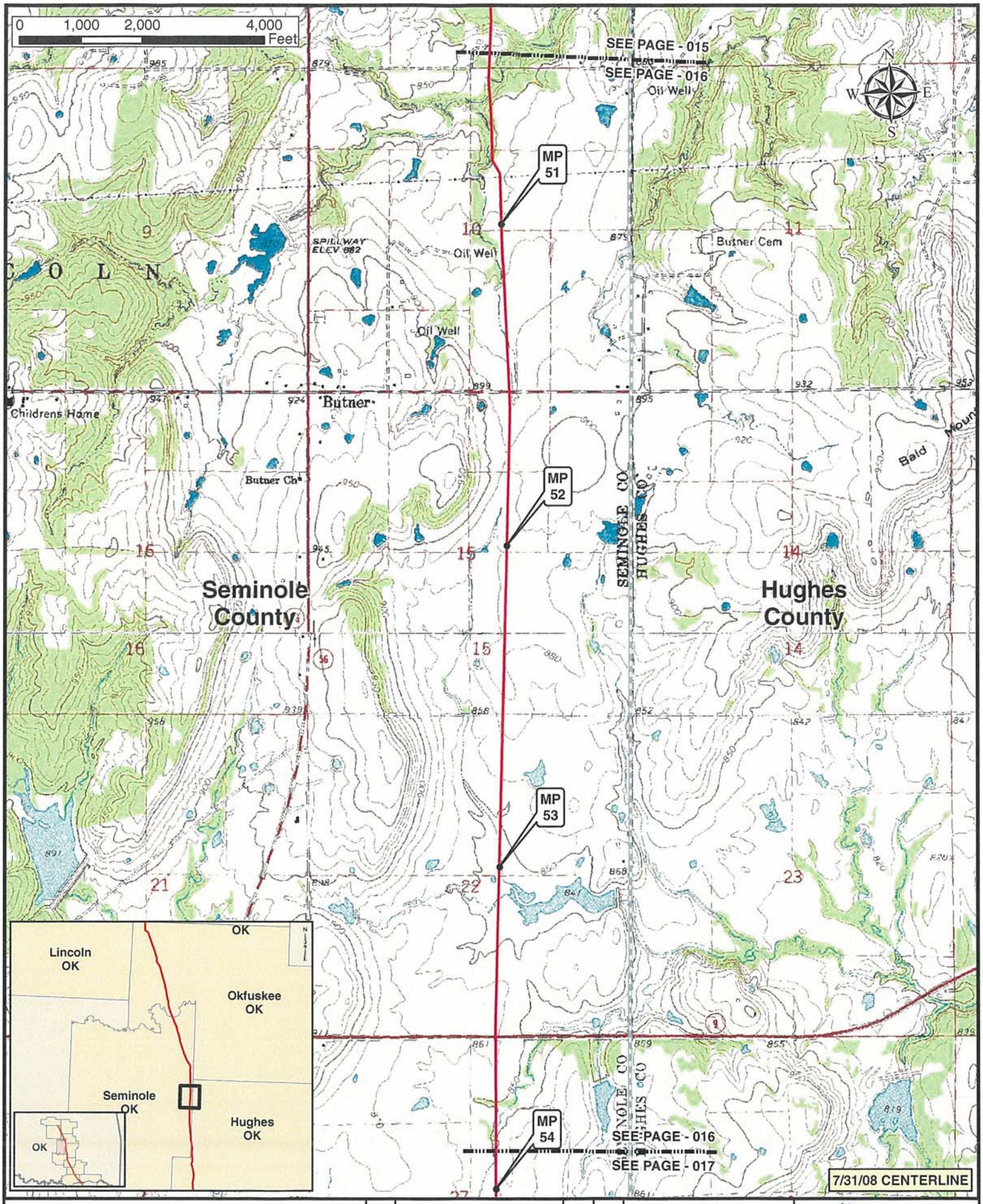
TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (T.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-015 -C	015	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

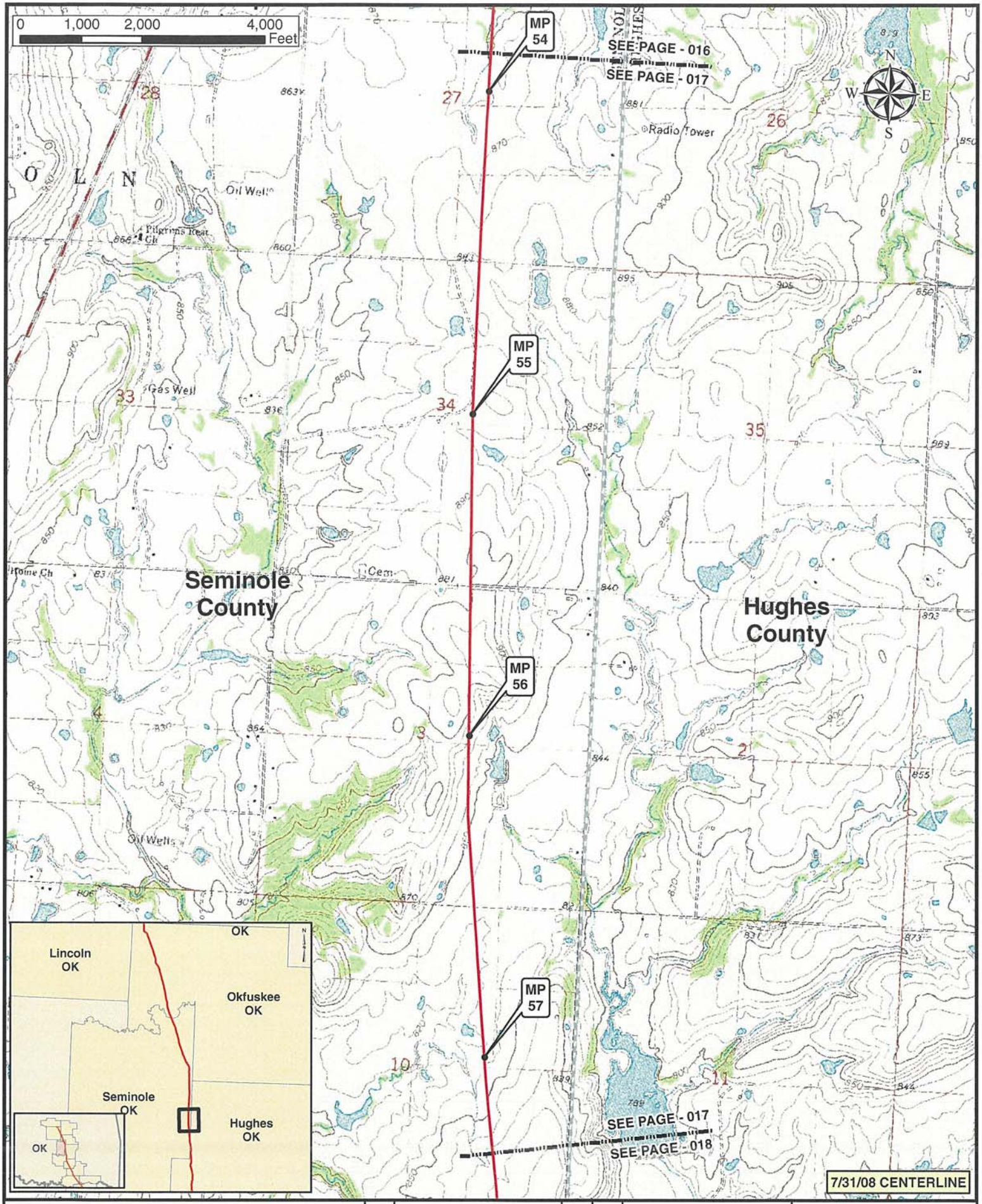
TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-016-G	016	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

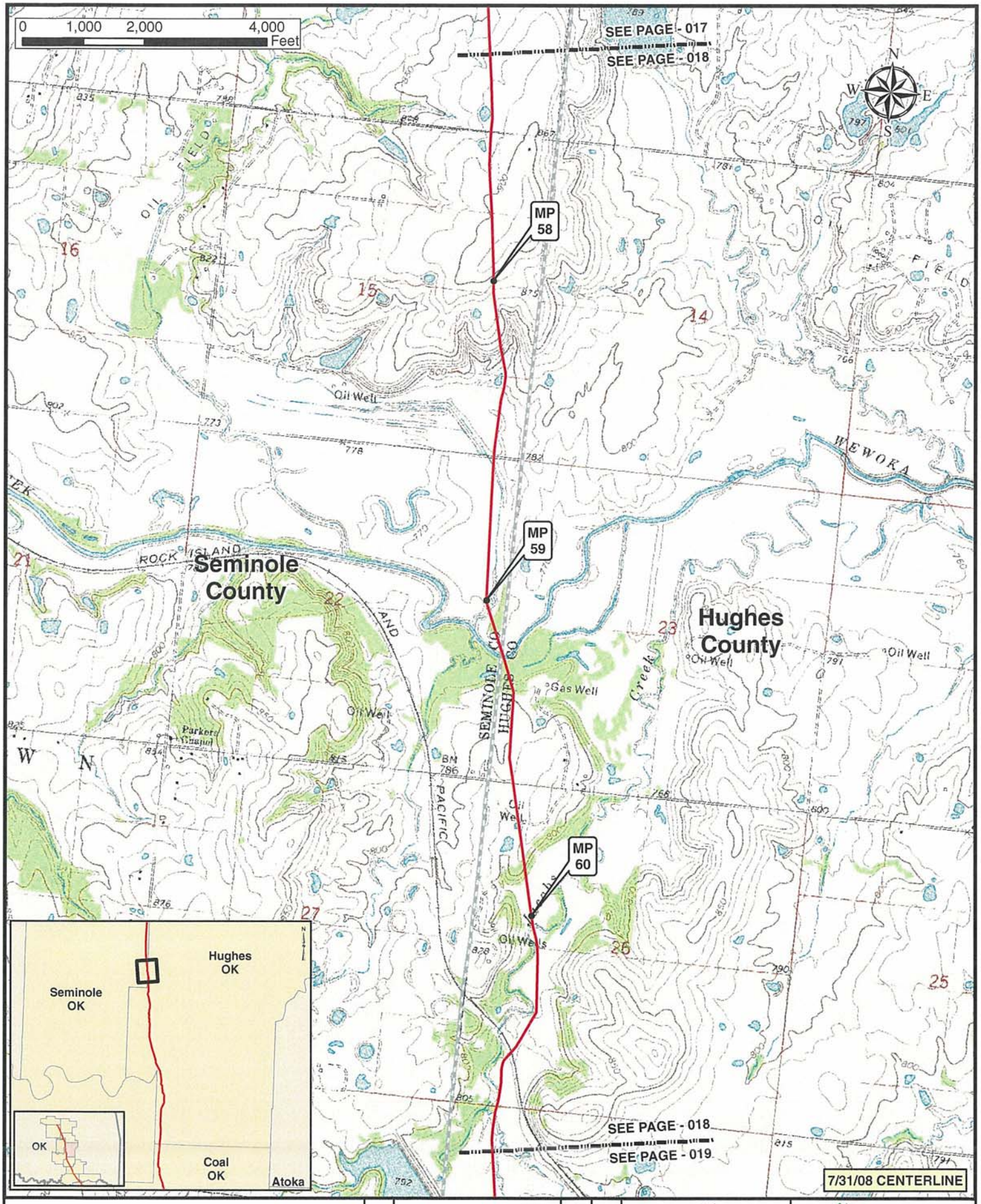
ConocoPhillips

TransCanada

PREPARED BY Trow TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-017 -G	017	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

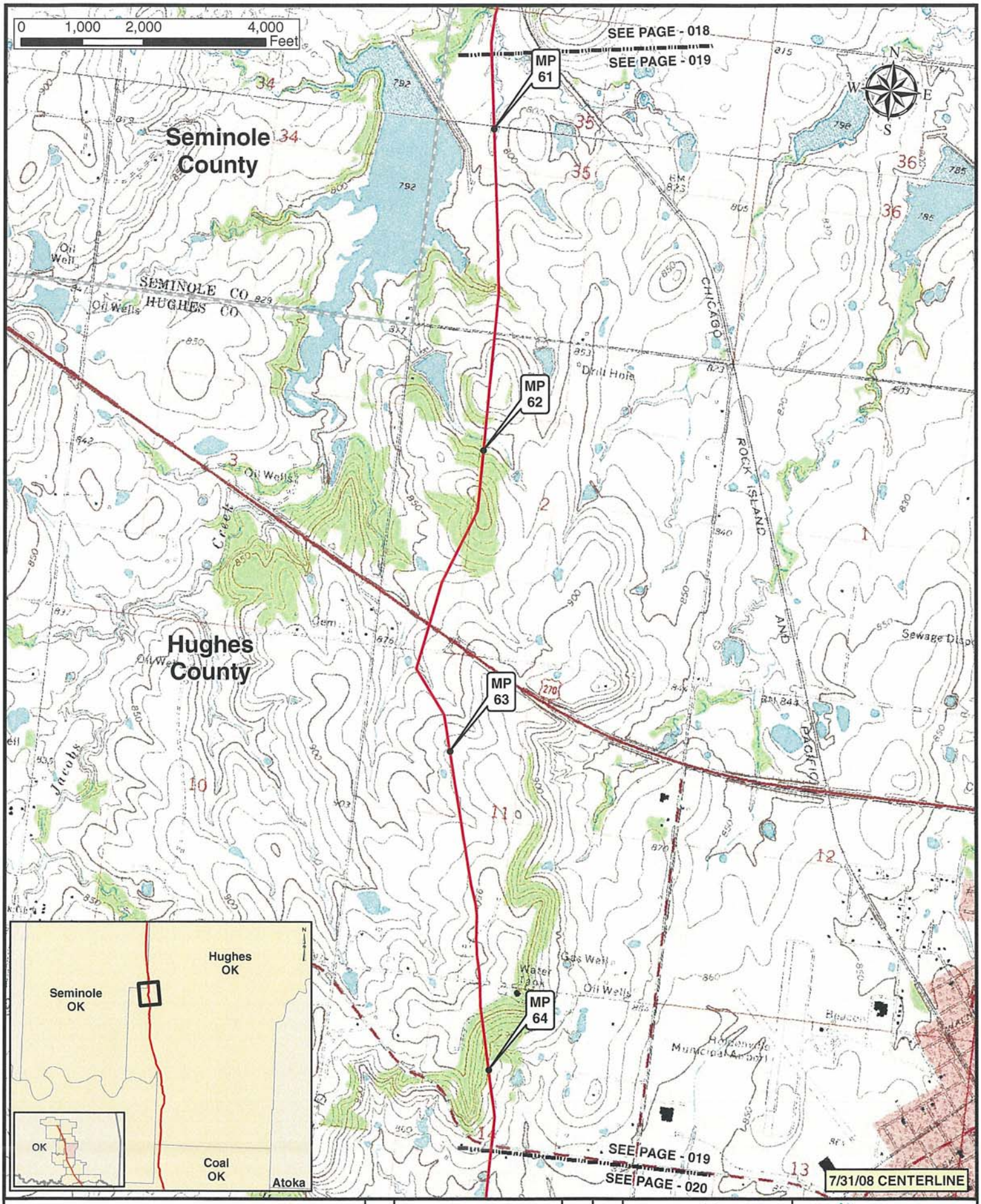
ConocoPhillips

TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-018 -Q	018	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

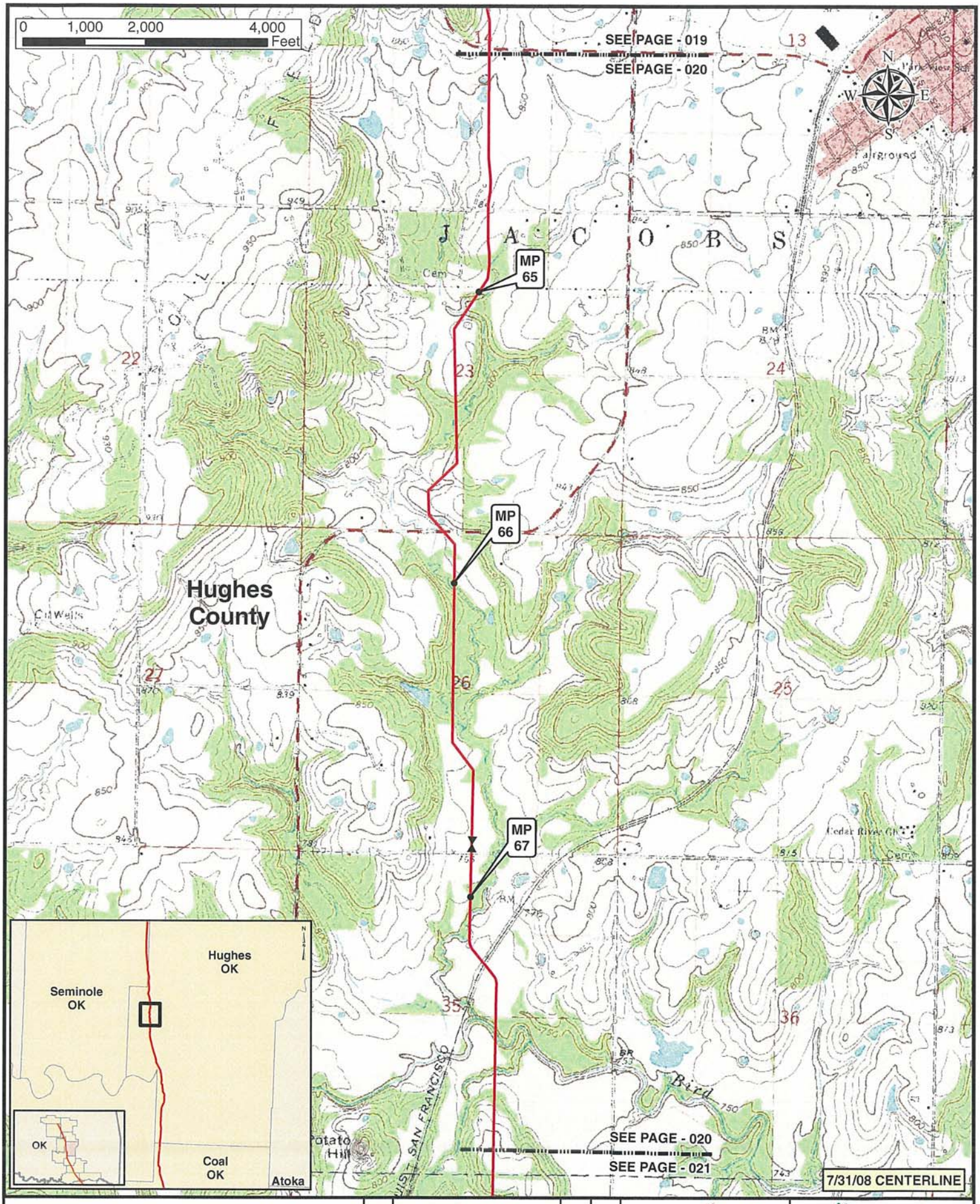
TransCanada
In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-019 -G	019	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

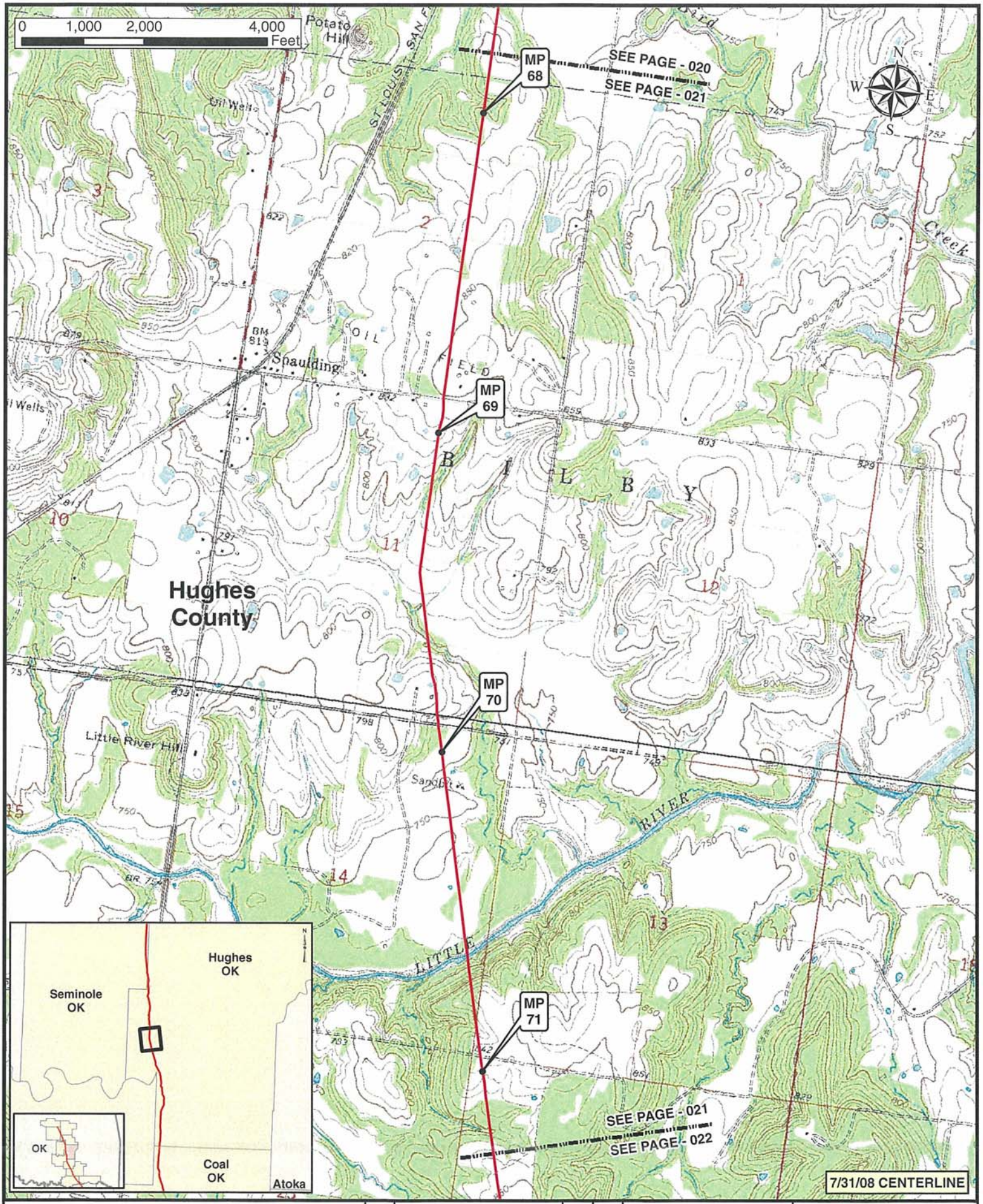
ConocoPhillips

TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-020 -Q	020	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

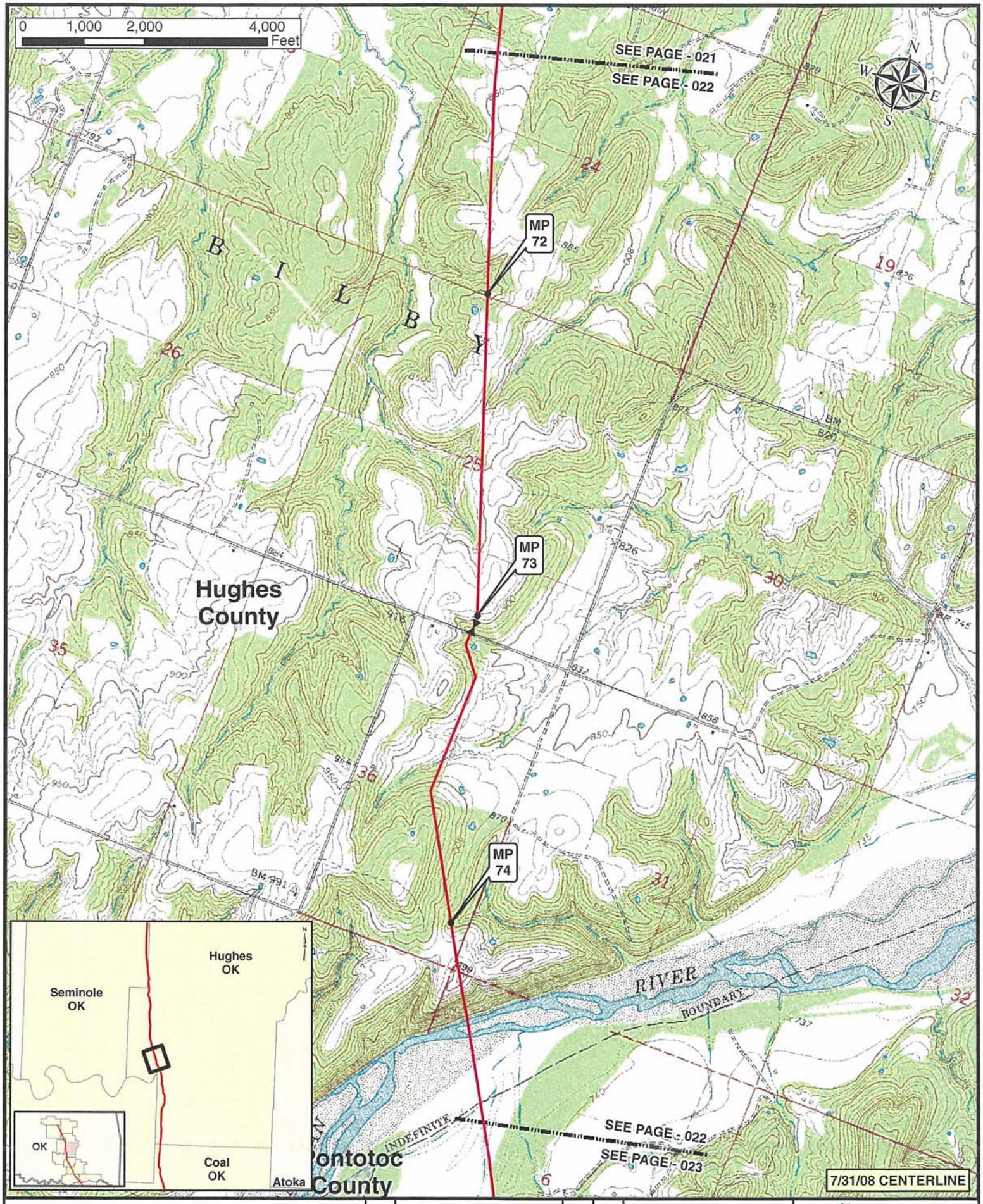
TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-021 -G	021	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

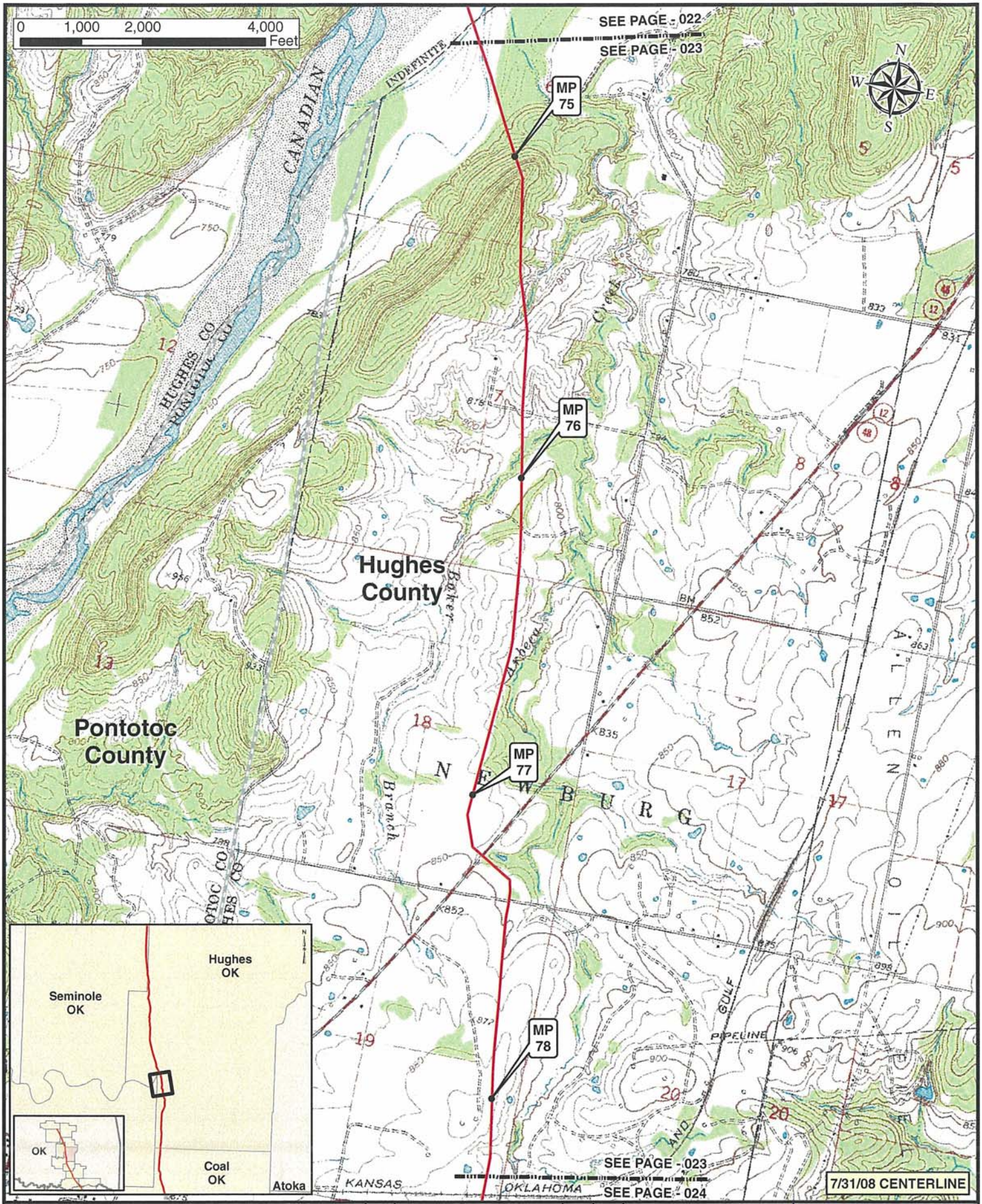
TransCanada
In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-022 -O	022	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

TransCanada
In business to deliver

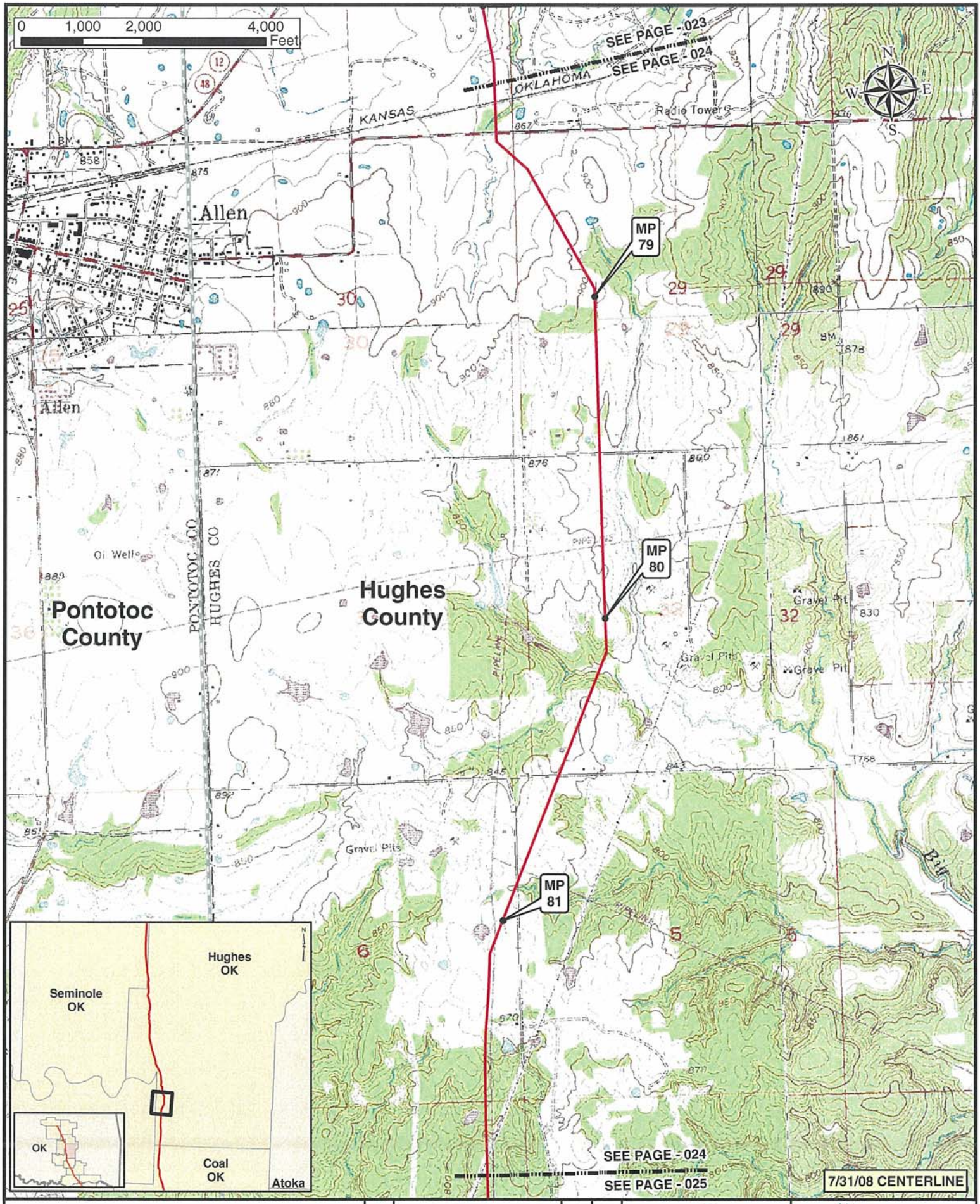
PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED
1:24000	11.19.08	GS	SS	RG

PROJECT:	DRAWING NUMBER	SHEET	REVISION
50389X	XL-40-ML-2002-P-023-C	023	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

TransCanada
In business to deliver

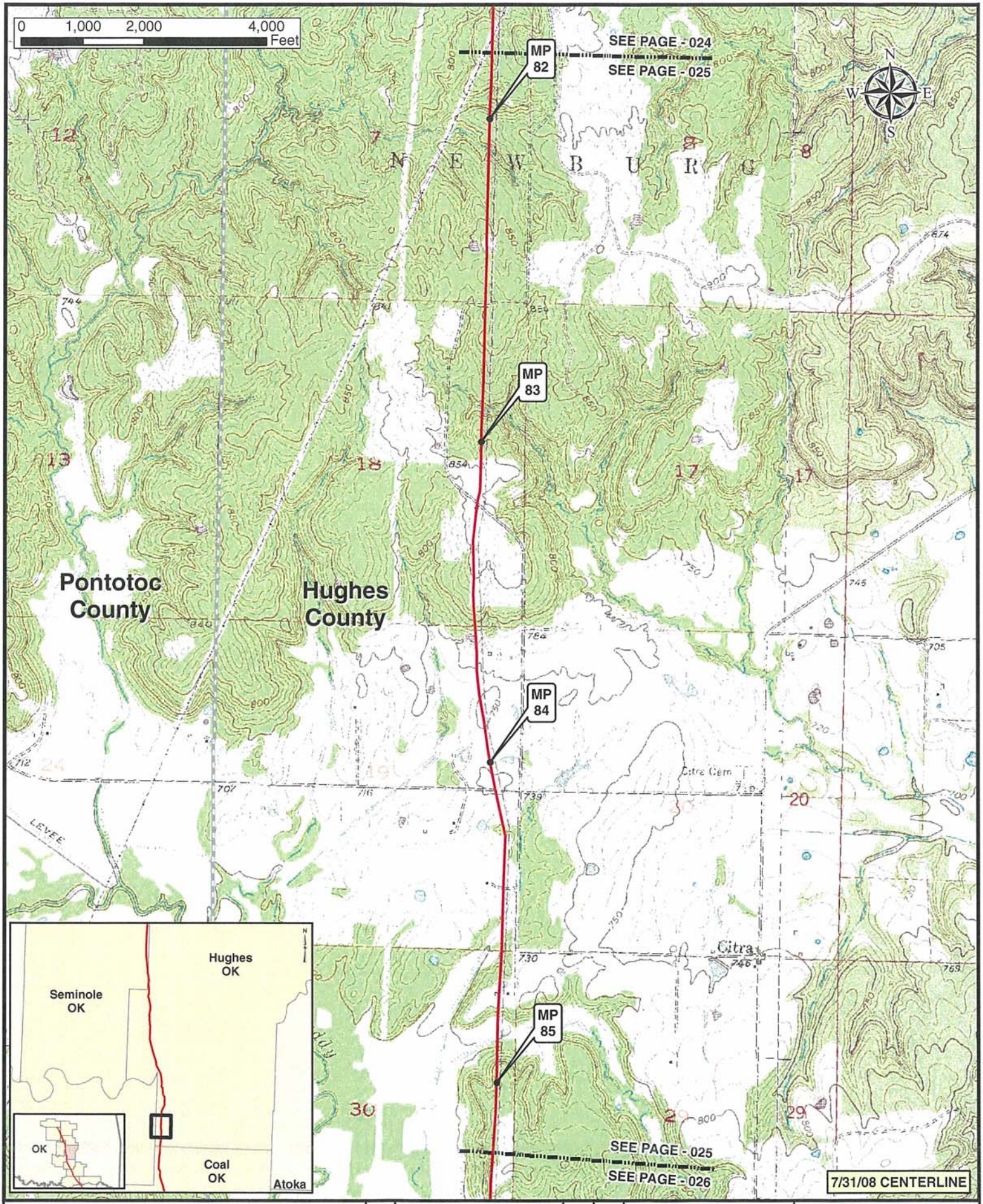
PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED
1:24000	11.19.08	GS	SS	RG

PROJECT:	DRAWING NUMBER	SHEET	REVISION
50388X	XL-40-ML-2002-P-024 -C	024	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

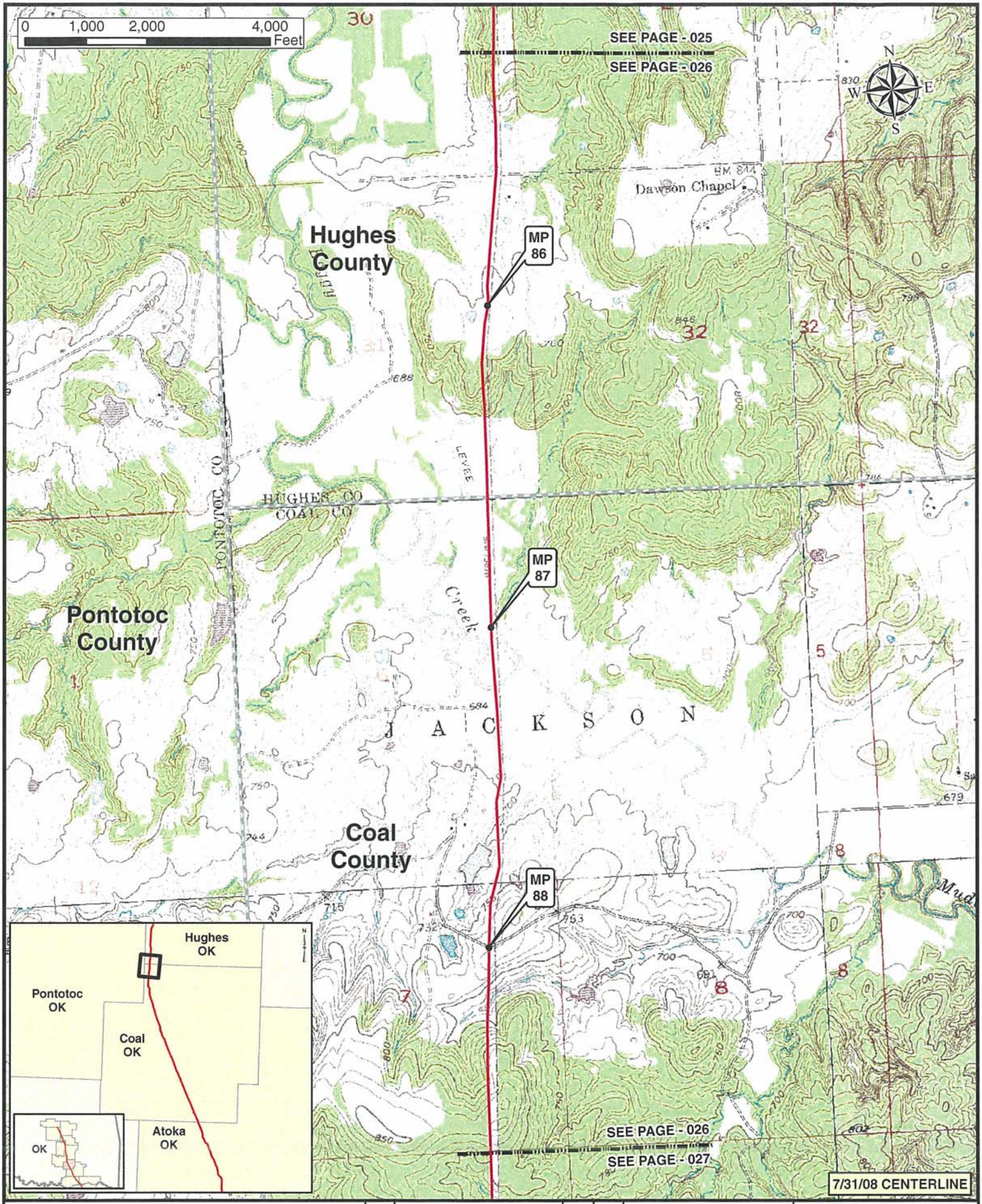
TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-025 -O	025	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

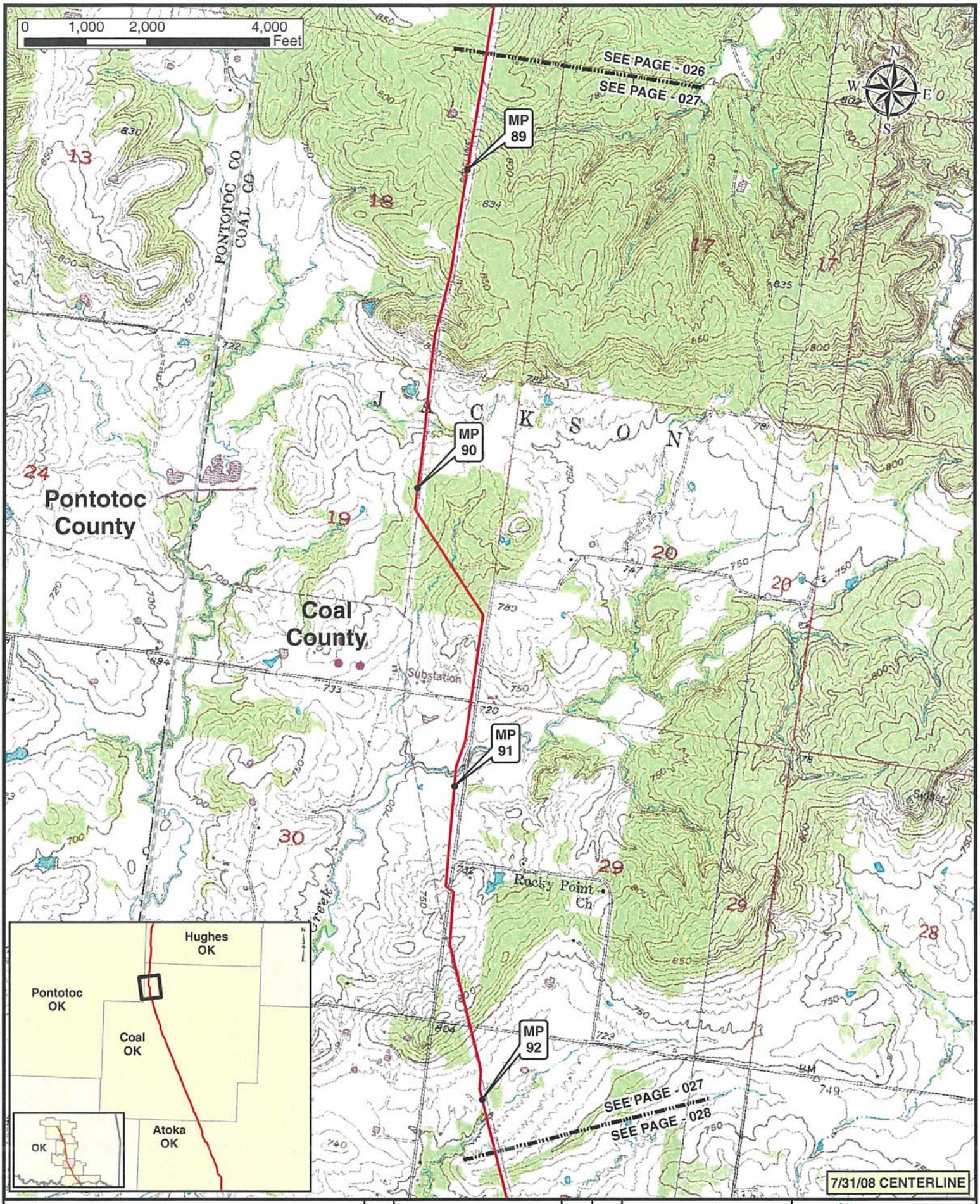
TransCanada
In business to deliver

PREPARED BY Trow ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-026 -C	026	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

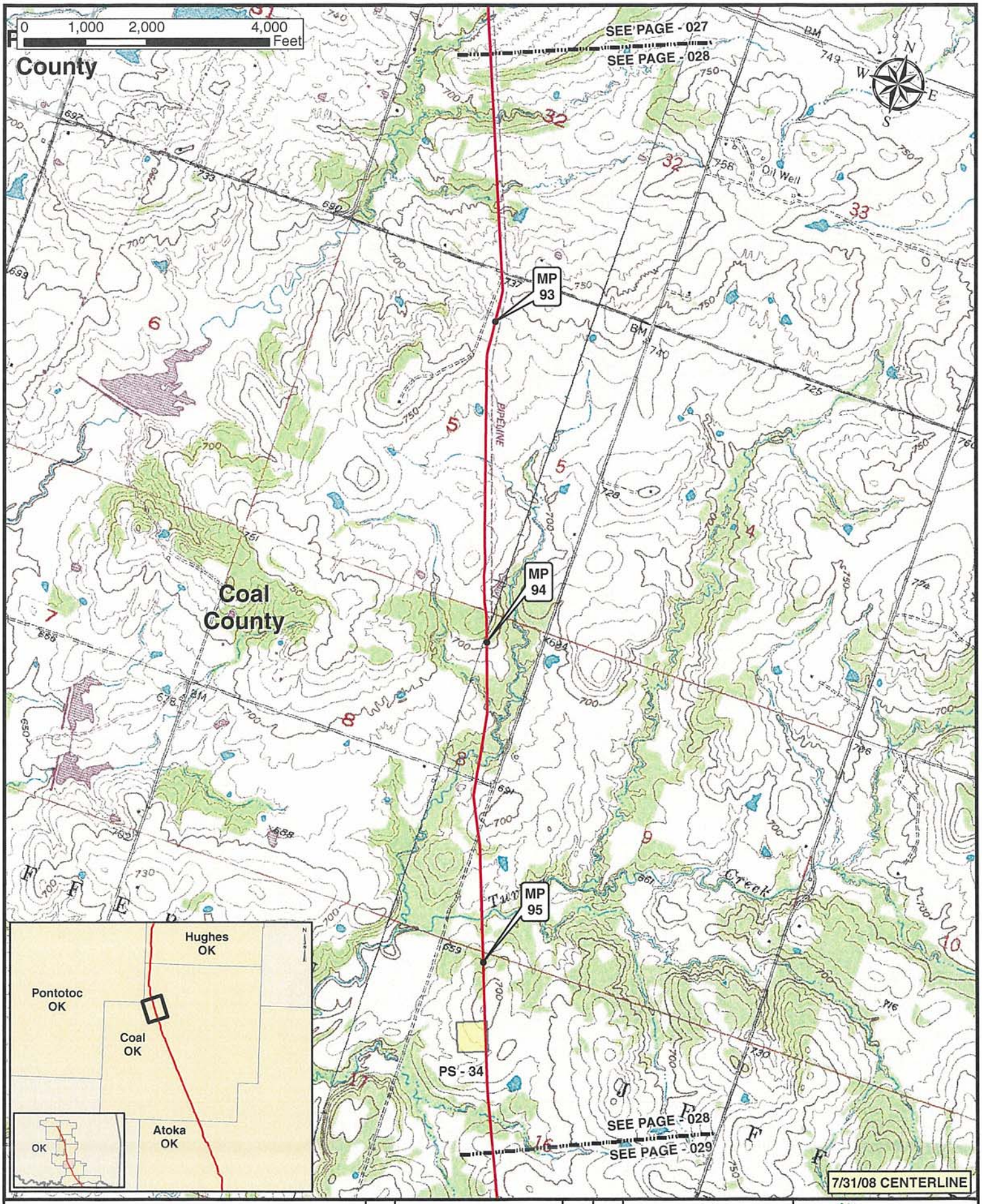
TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-027 -C	027	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

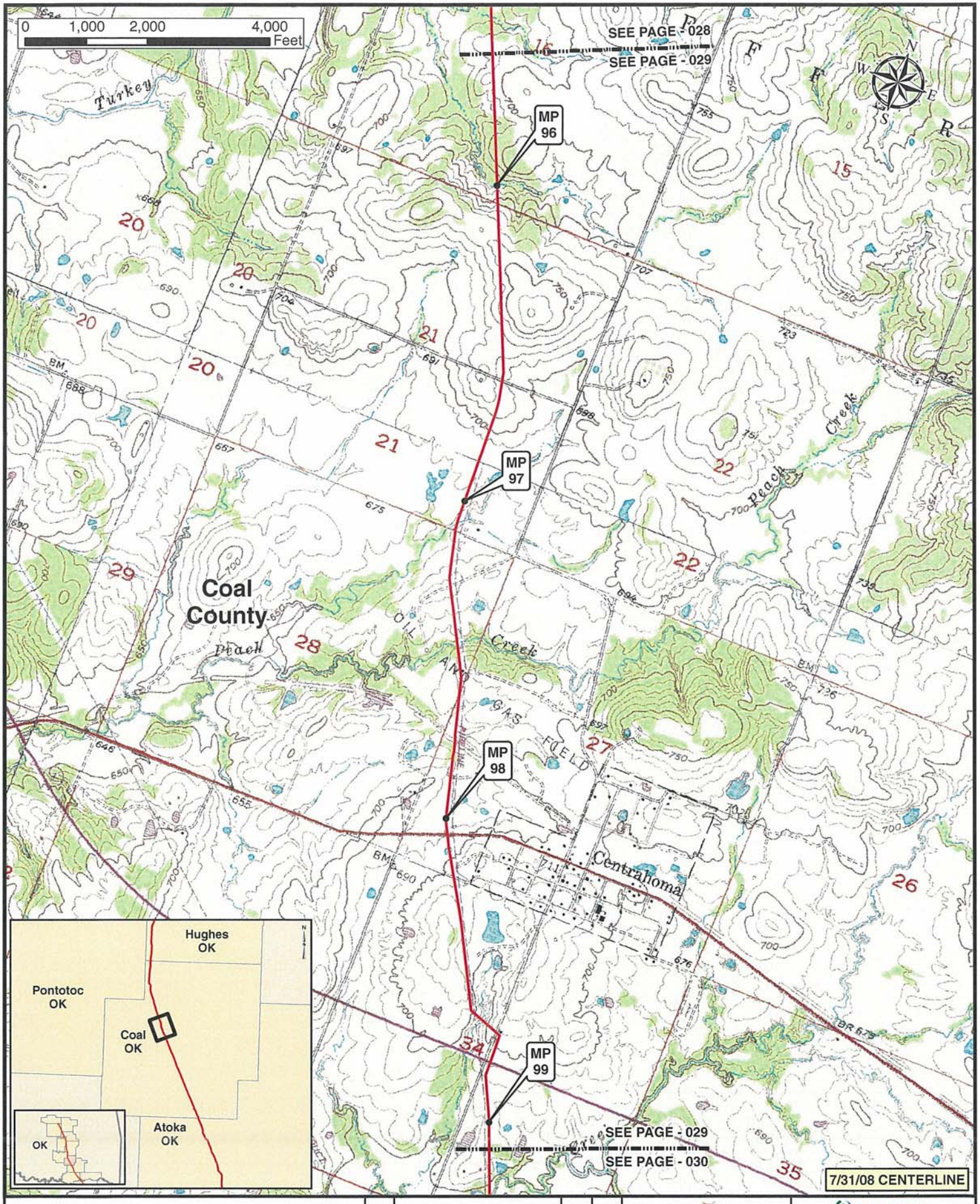
ConocoPhillips

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

TransCanada — In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-028 -G	028	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

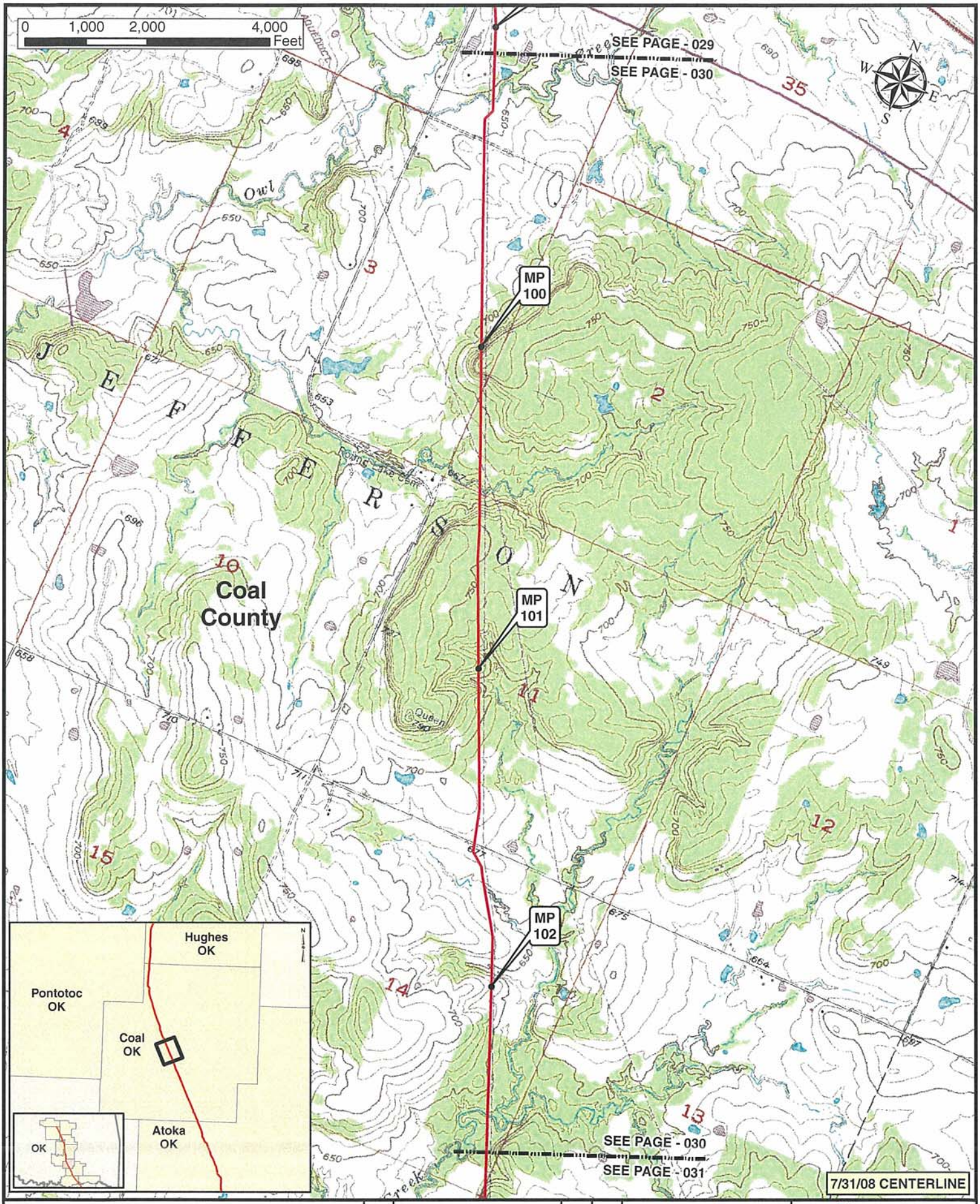
TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11 19 08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11 19 08	GS	SS	RG	50388X	XL-40-ML-2002-P-029 -C	029	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

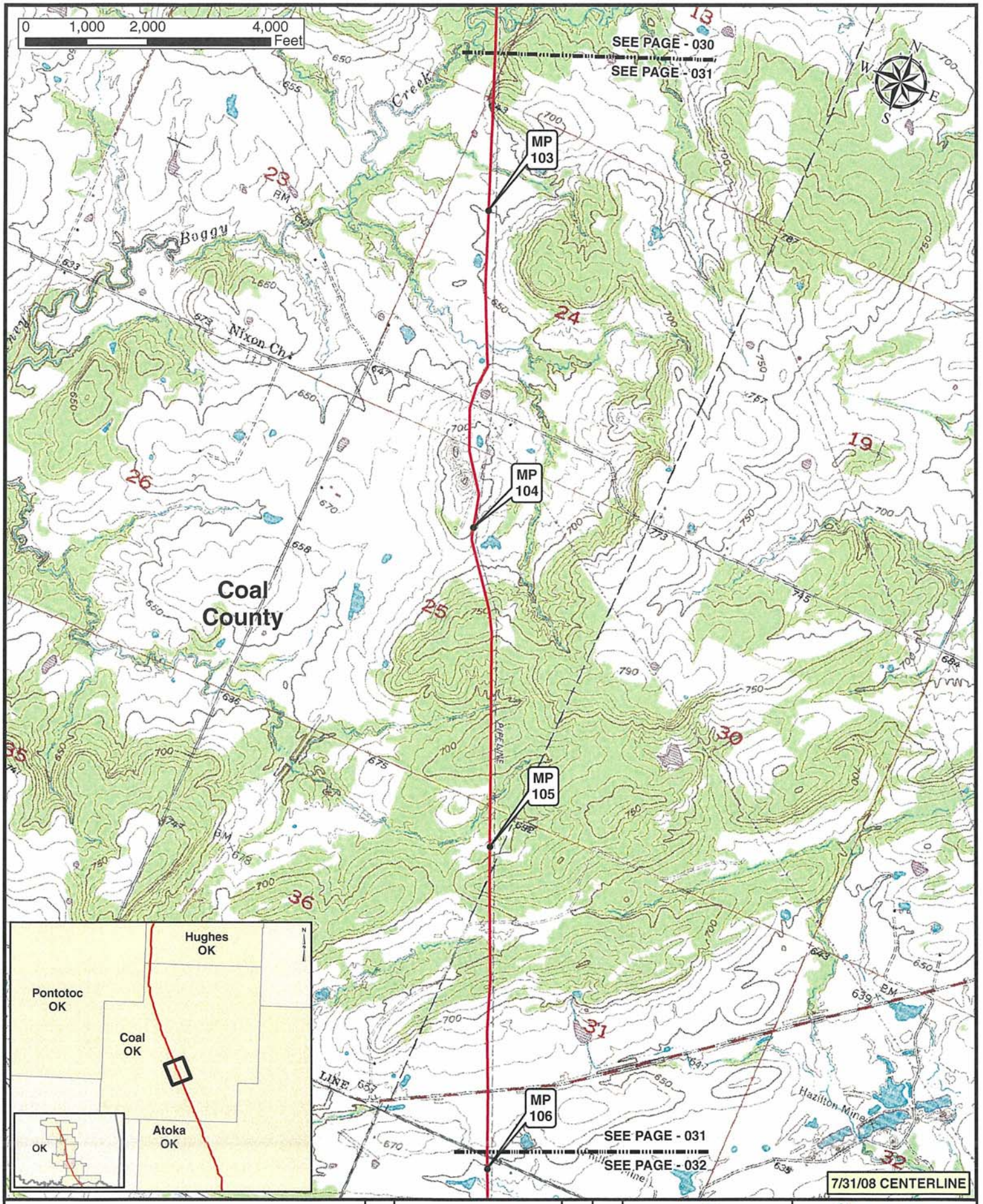
TransCanada

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-030 -C	030	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

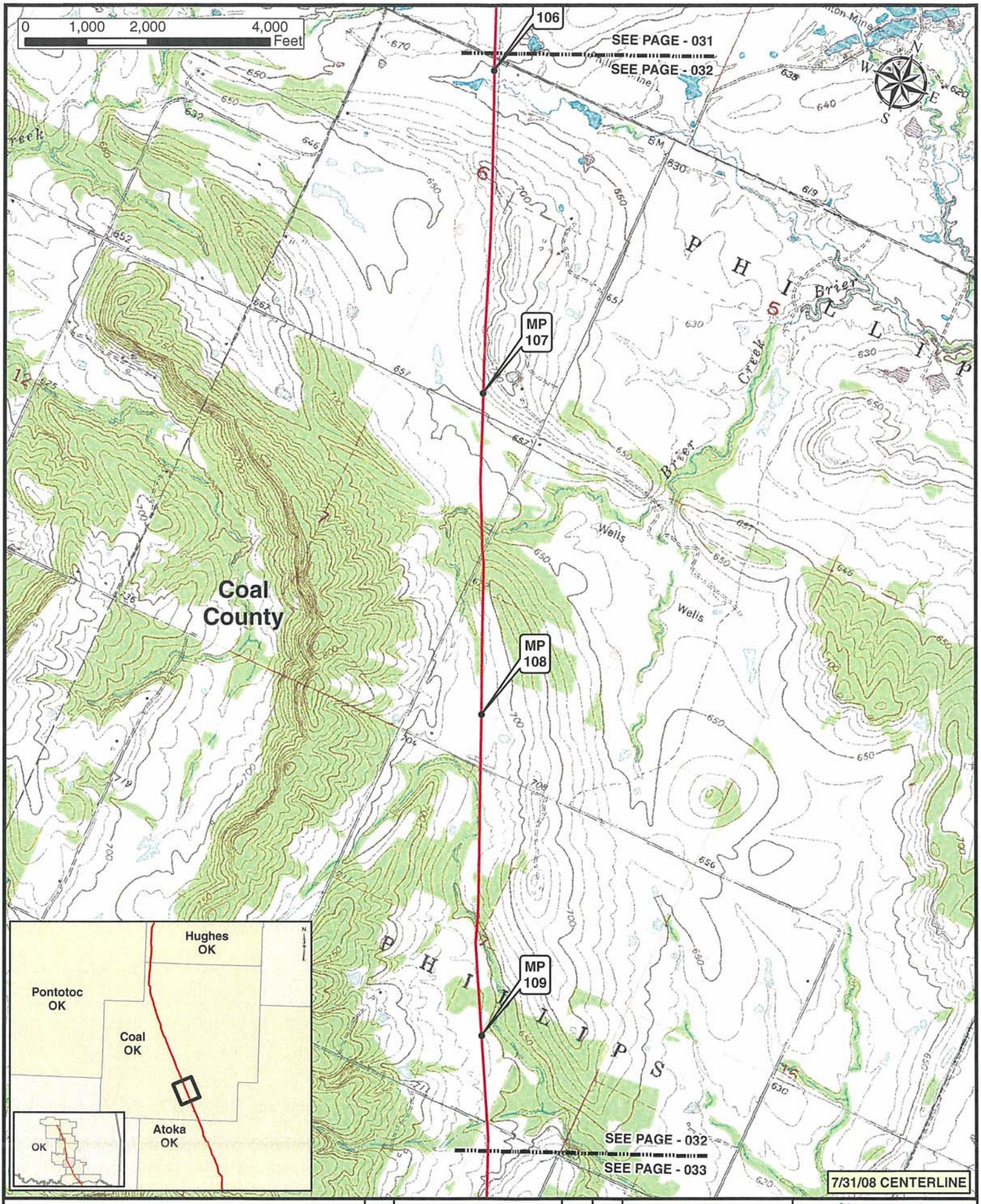
TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11 19 08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-031 -C	031	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

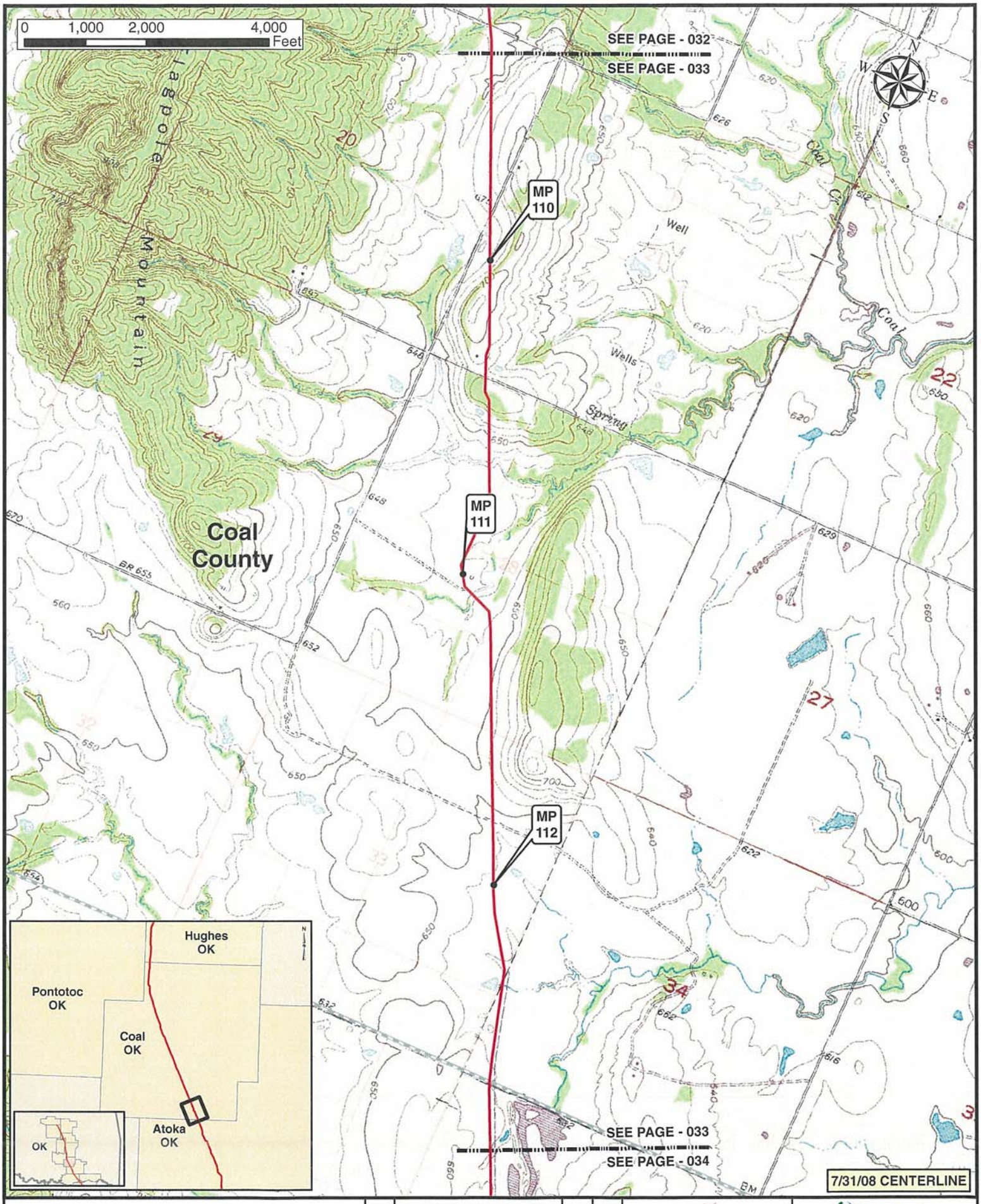
TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-032 -0	032	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

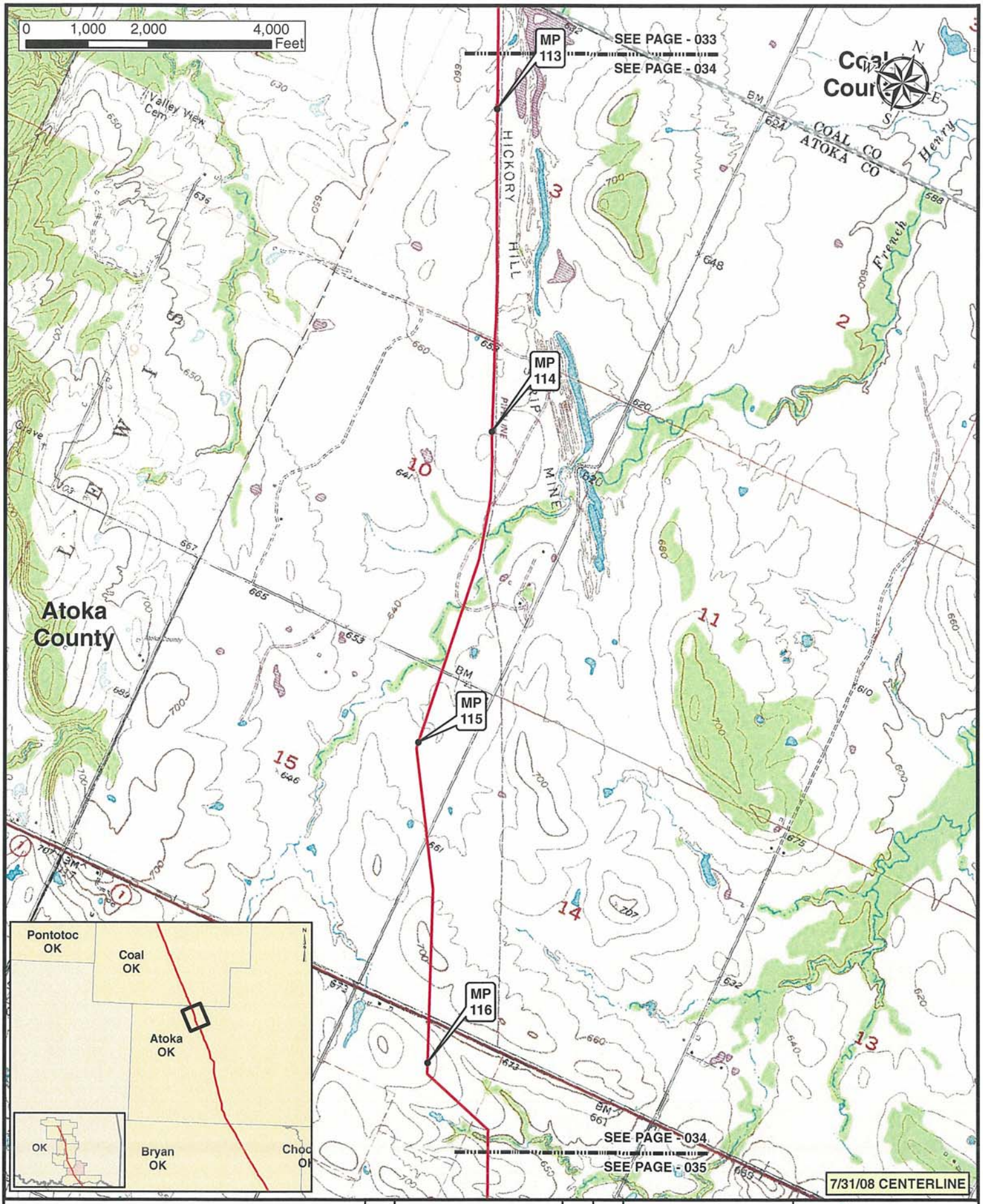
TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-033 -0	033	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

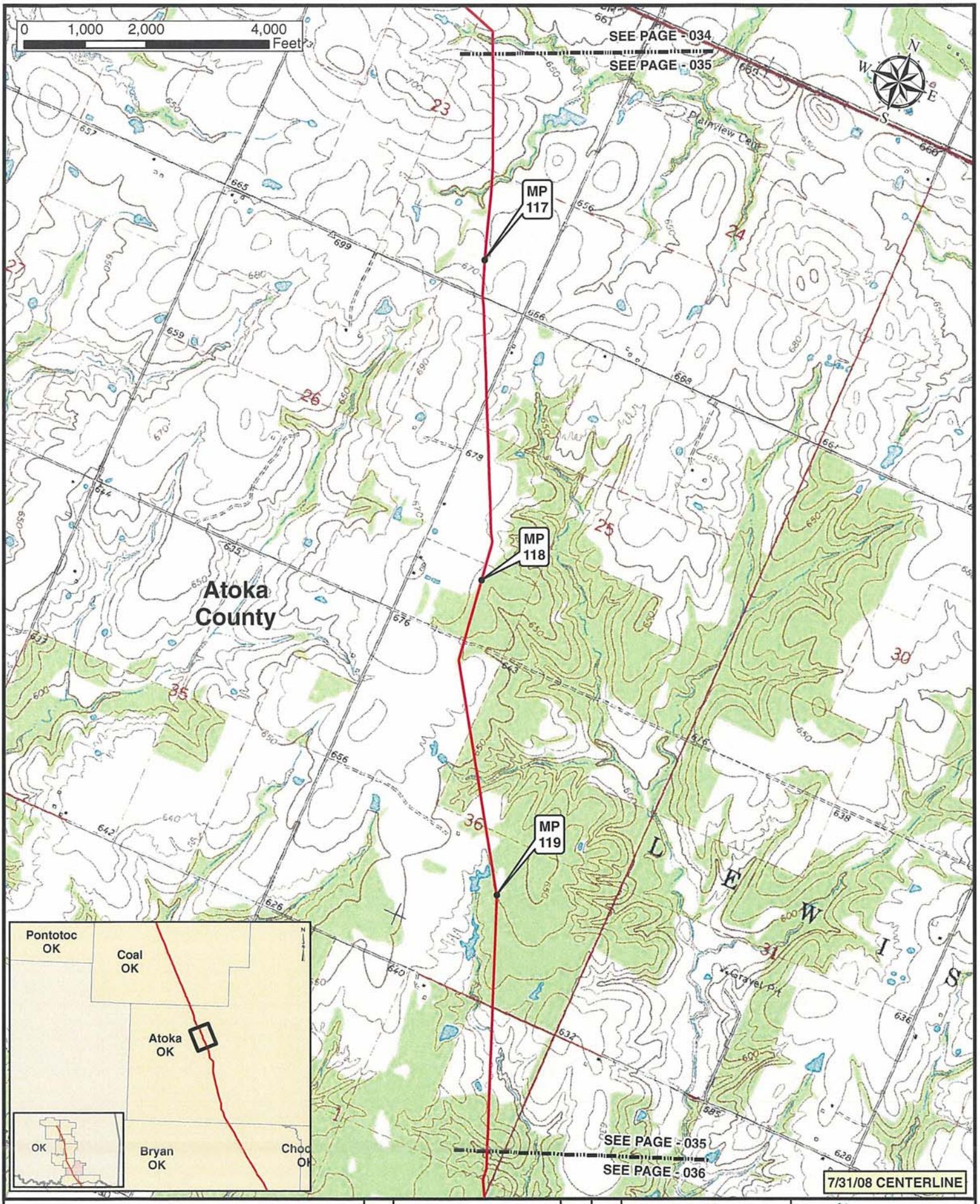
TransCanada
In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-034 -O	034	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

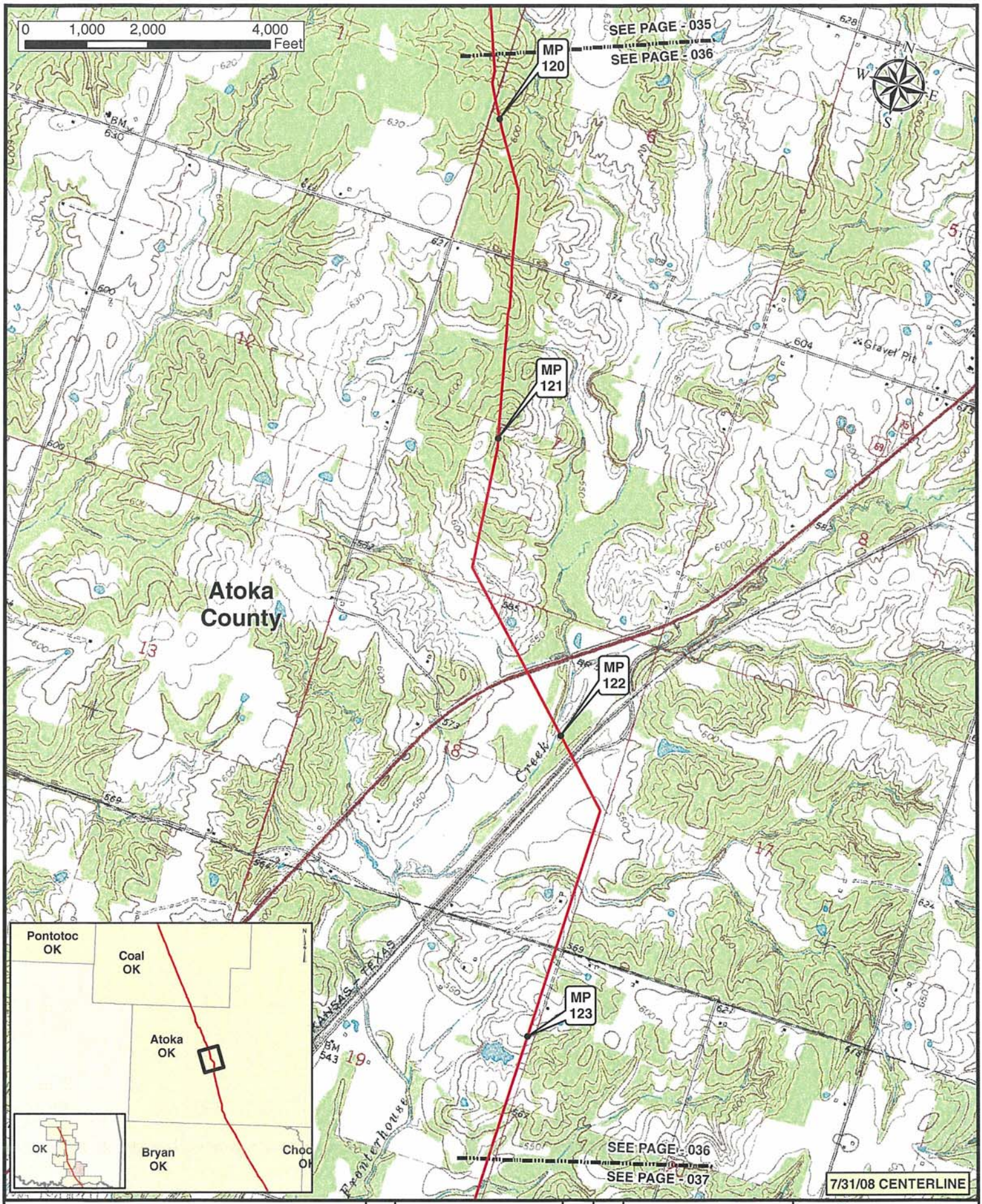
TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-035 -C	035	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

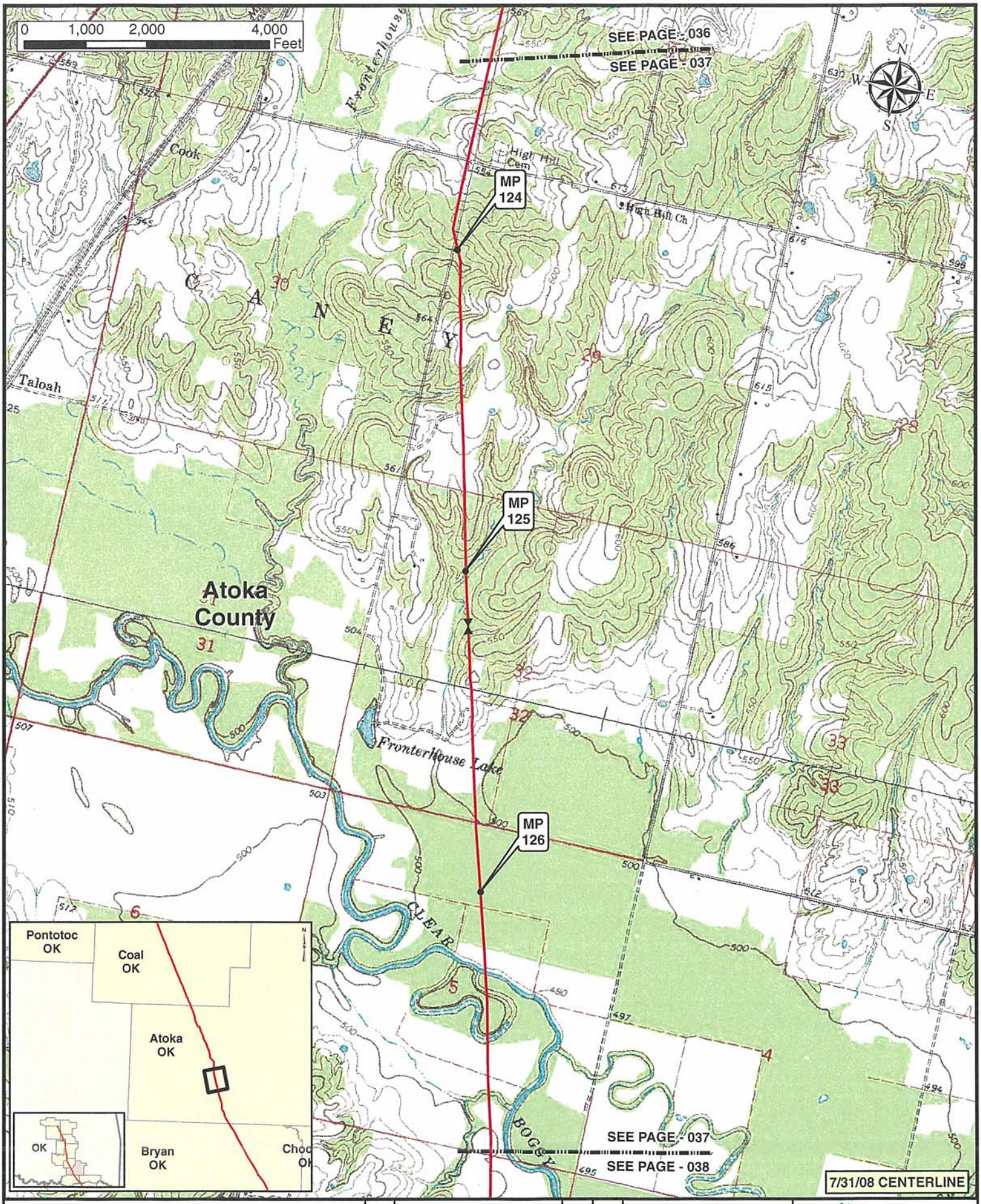
TransCanada
In business to deliver

PREPARED BY Trow ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-036 -O	036	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

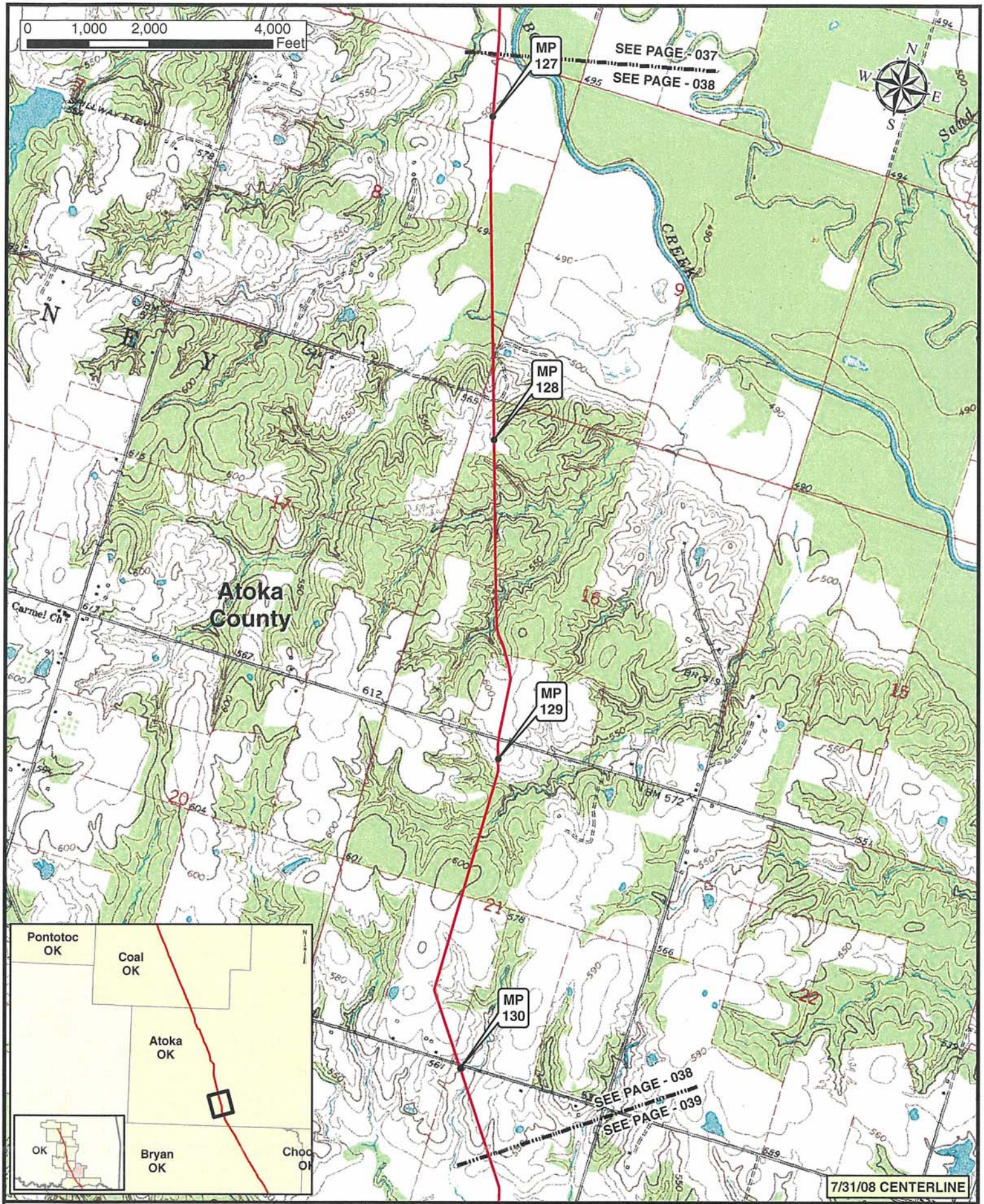
TransCanada
In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-037 -O	037	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

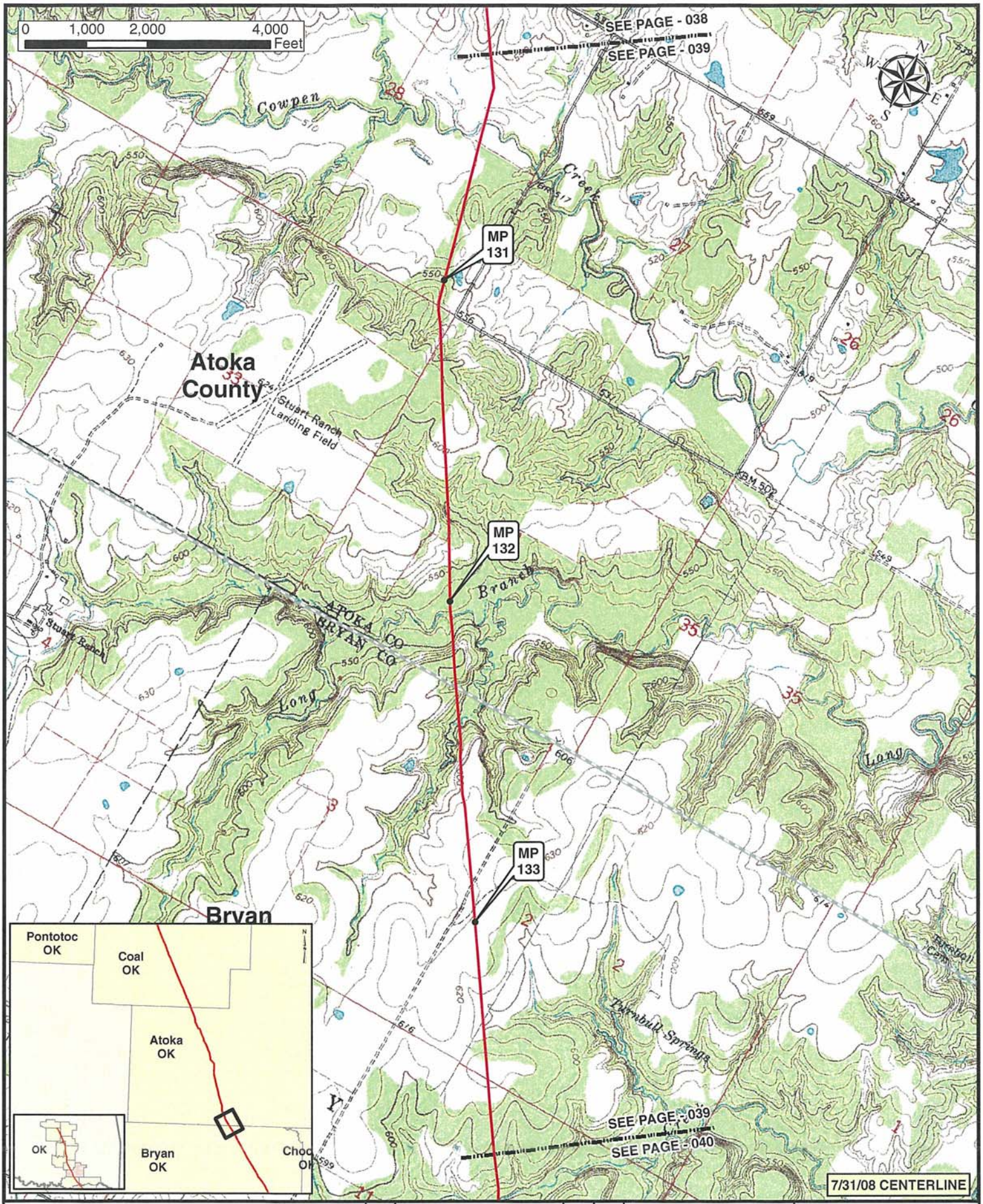
ConocoPhillips

TransCanada
In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-038 -G	038	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

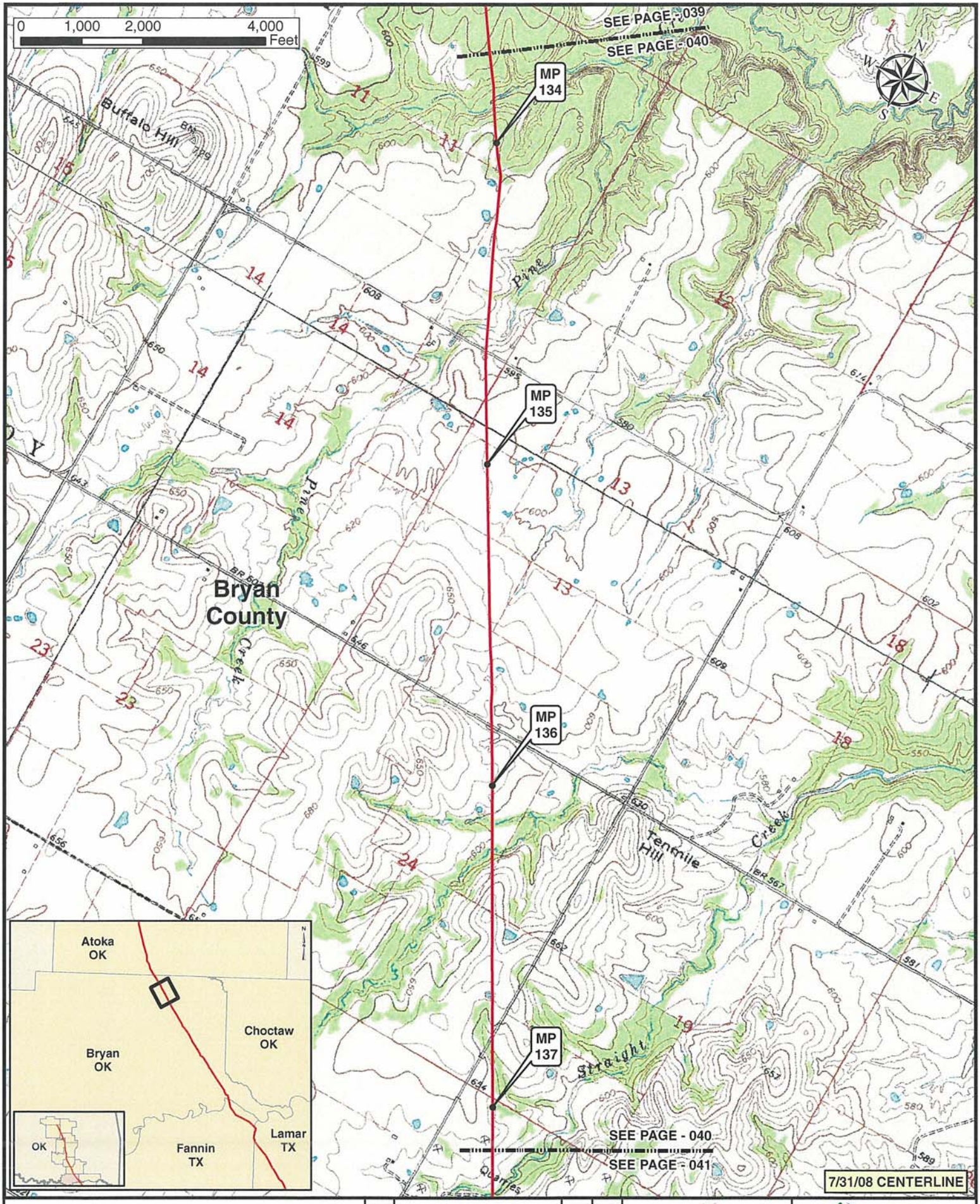
TransCanada — an business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-039 -C	039	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

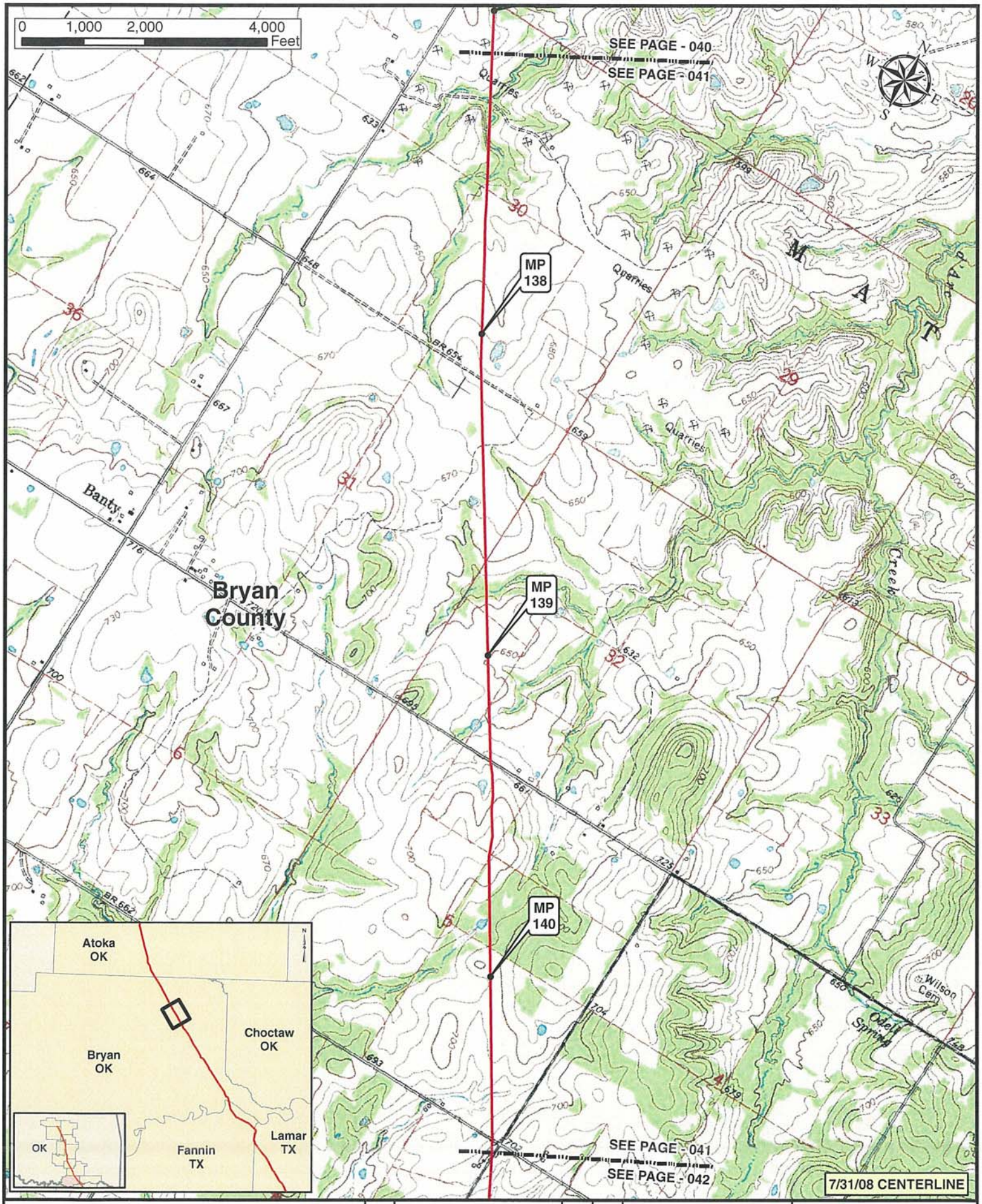
TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11 19 08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11 19 08	GS	SS	RG	50388X	XL-40-ML-2002-P-040 -C	040	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

ConocoPhillips

TransCanada — In business to deliver

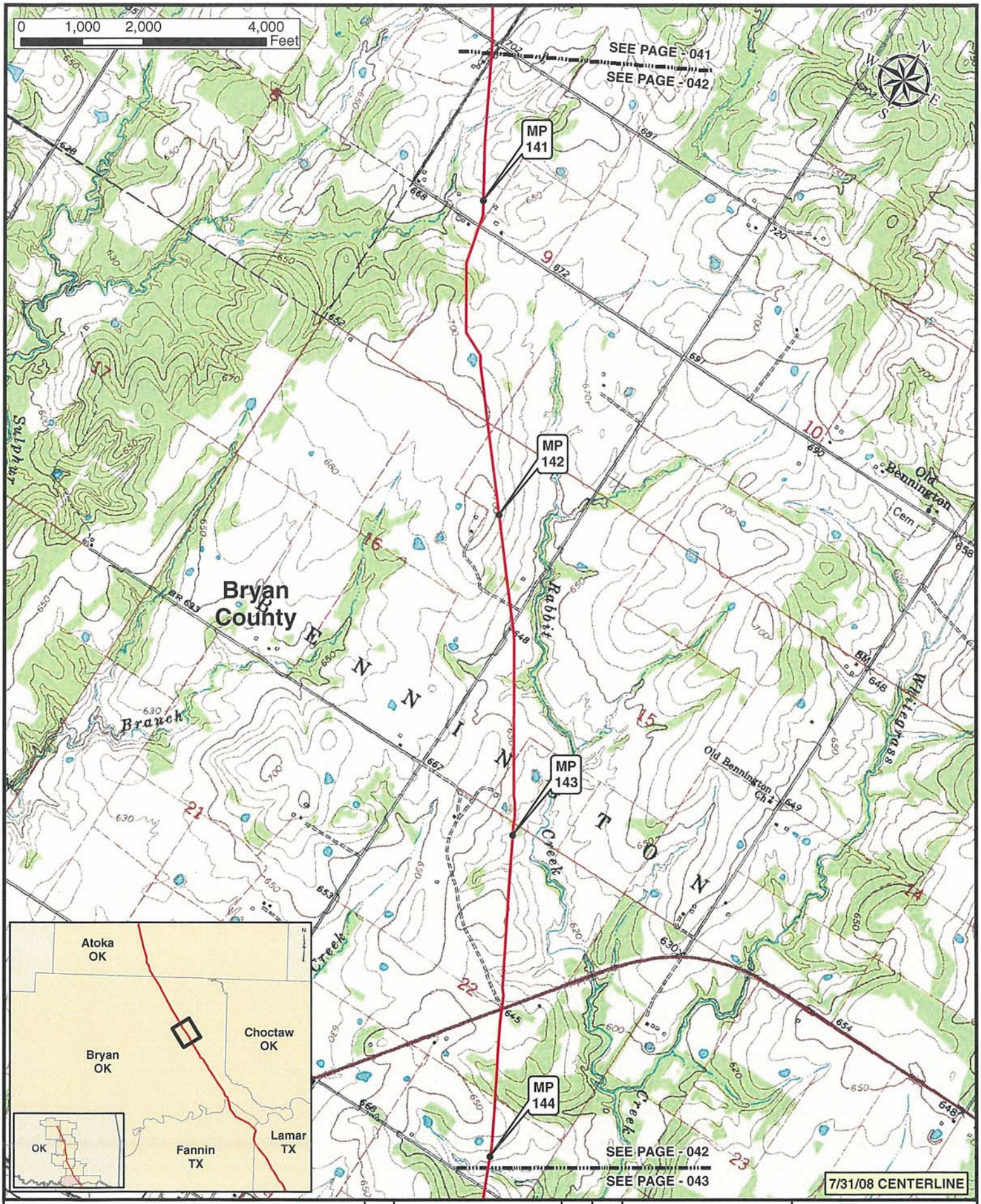
PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED
1:24000	11.19.08	GS	SS	RG

PROJECT:	DRAWING NUMBER	SHEET	REVISION
50388X	XL-40-ML-2002-P-041 -Q	041	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

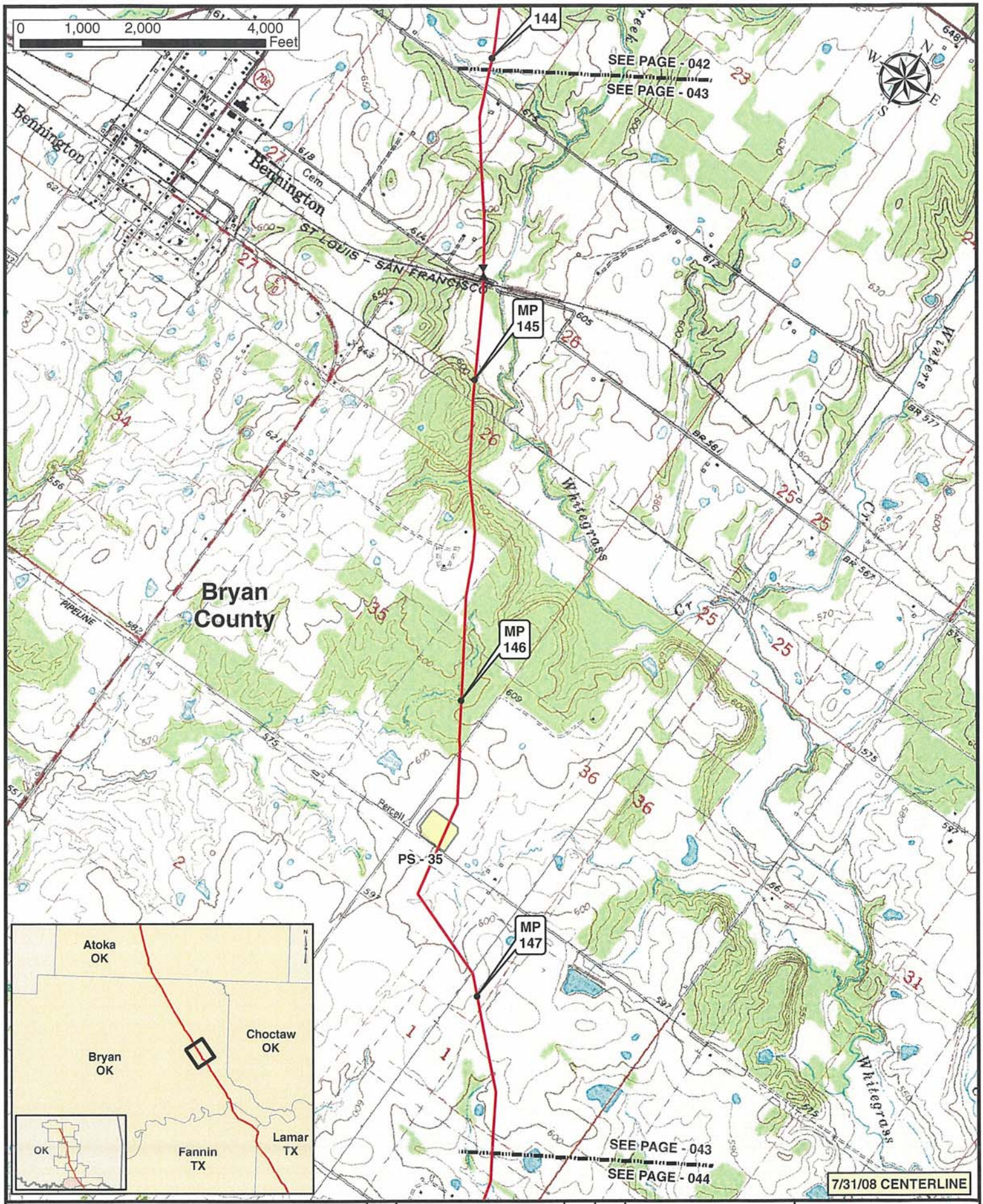
TransCanada — In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-042 -G	042	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

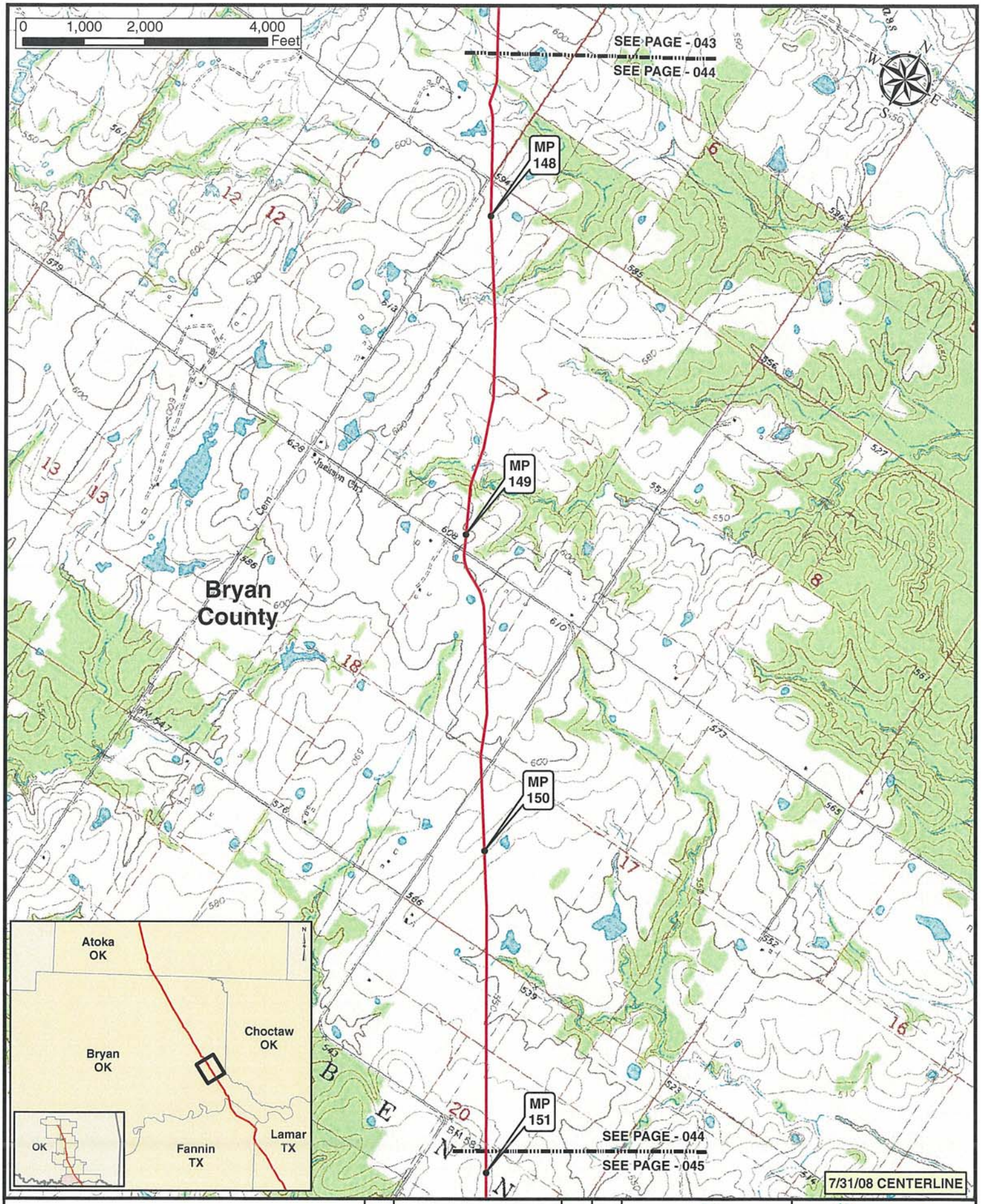
TransCanada
In business to deliver

PREPARED BY TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-043 -Q	043	0



Legend

- MILE POST
- PUMP STATION
- KEYSTONE XL PROJECT
- VALVE SITE

ConocoPhillips

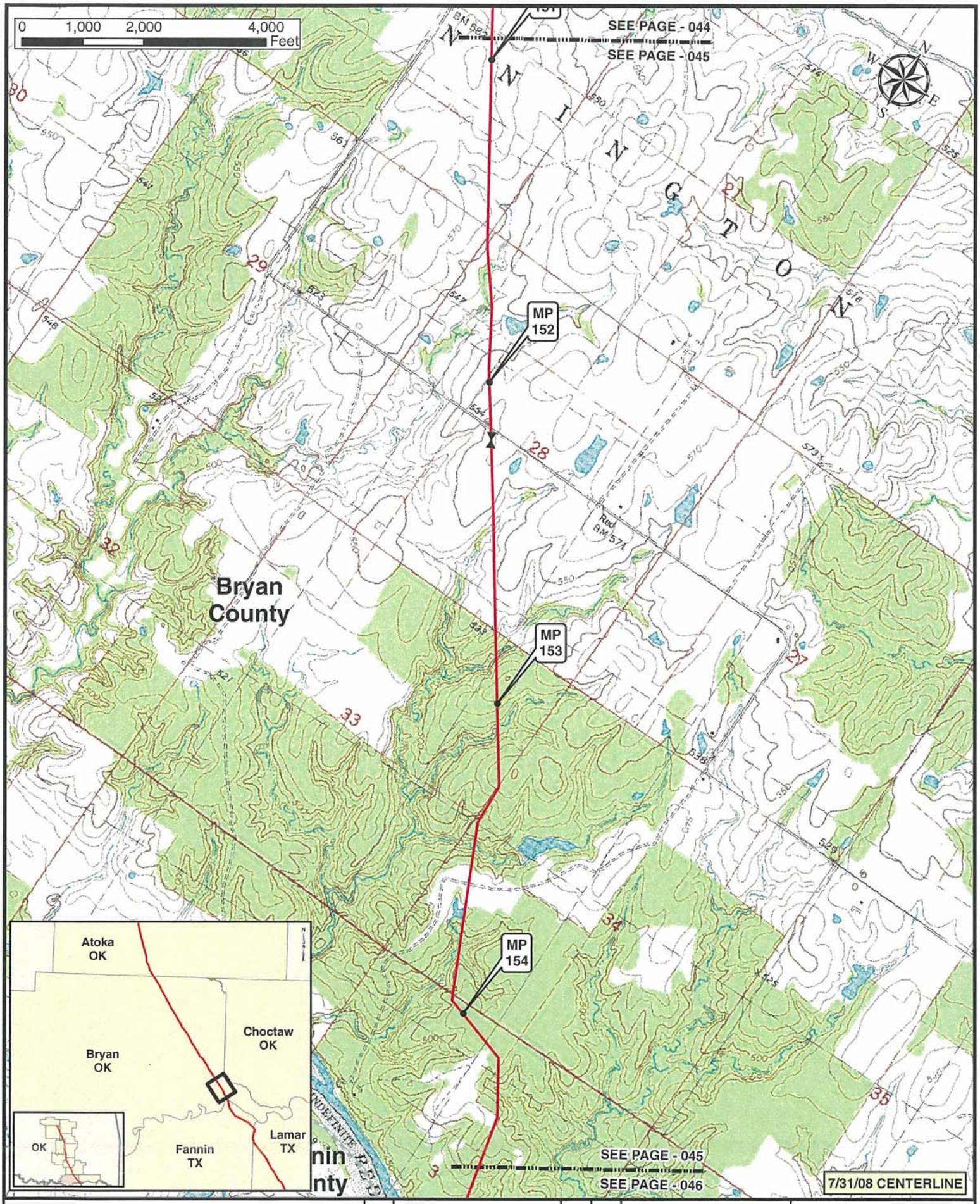
TransCanada — In business to deliver

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08	RG

SCALE	DATE	DRAWN	CHECKED	APPROVED	PROJECT:	DRAWING NUMBER	SHEET	REVISION
1:24000	11.19.08	GS	SS	RG	50388X	XL-40-ML-2002-P-044 -G	044	0



Legend

- MILE POST
- KEYSTONE XL PROJECT
- PUMP STATION
- VALVE SITE

NO.	REVISION	DATE	APPR.
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7 31 08 CL)	11.19.08	RG

ConocoPhillips

PREPARED BY: TROW ENGINEERING CONSULTANTS INC.

TransCanada — In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS

SCALE	DATE	DRAWN	CHECKED	APPROVED
1:24000	11.19.08	GS	SS	RG

PROJECT:	DRAWING NUMBER	SHEET	REVISION
50388X	XL-40-ML-2002-P-045 -O	045	0