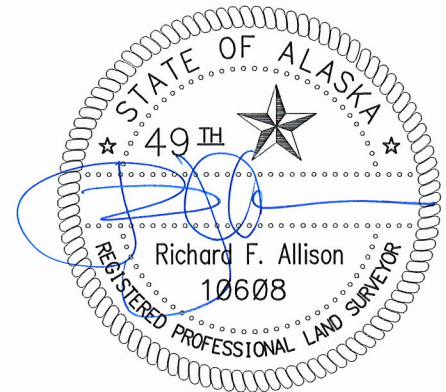


VICINITY MAP
N.T.S.



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA AND THAT THIS AS-BUILT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT AS OF MAY 19, 2012.

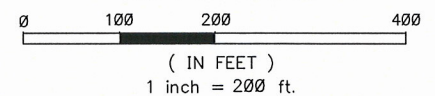
NOTES

1. ALASKA STATE PLANE COORDINATES ARE ZONE 4, NAD 27. GEODETIC POSITIONS ARE NAD-27.
2. BASIS OF HORIZONTAL CONTROL IS POINT MI120237, DETERMINED BY NGS OPUS STATIC SURVEY SOLUTION.
3. BASIS OF ELEVATION IS POINT MI120237 UTILIZING GEOID 06 UNDULATION MODEL APPLIED TO NGS OPUS STATIC SURVEY SOLUTION.
4. THE COMBINED SCALE FACTOR FOR ALCOR #1 IS 0.99992365.
5. REFERENCE FIELD BOOK: MI12-04, PGS. 01-04.
6. DATE OF SURVEY: MAY 18, 2012.
7. APPROXIMATE LOCATION DALTON HWY MP 397.7 \ TAPS MP 19.7.
8. PAD ELEVATION SHOWN IS BOTTOM OF RIG MATS, LOCATION SELECTED BY CLIENT.

LEGEND

⊕ AS-BUILT CONDUCTOR

GRAPHIC SCALE



LOCATED WITHIN PROTRACTED SEC. 5, T. 7 N., R. 14 E., UMIAT MERIDIAN, ALASKA

WELL NO.	A.S.P. COORDINATES	PLANT COORDINATES	GEODETIC POSITION(DMS)	GEODETIC POSITION(D.DD)	PAD ELEV.	SECTION OFFSETS
ALCOR #1	Y=5,847,838.30 X= 665,672.49	N N/A E N/A	69°59'26.110" 148°40'40.992"	69.9905861° 148.6780533°	163.7'	2,769' FSL 549' FEL

00	05/19/12	ISSUED FOR INFORMATION	KWH	TFB
NO.	DATE	REVISION	BY	CHK

engineers
surveyors
bell



Great Bear
Petroleum LLC

DRAWN: HACKLEMAN
CHECKED: BARNHART
DATE: 5/19/12
DRAWING: FRB12 GBP 04-00
JOB NO:
SCALE: 1"=200'

GREAT BEAR
PETROLEUM LLC
WELL ALCOR #1
CONDUCTOR AS-BUILT

SHEET:
1
OF
1