



**FEDERAL 22-11B (PH-21) WELL**  
(WELLHEAD LOCATION) NAD 83  
LATITUDE = 39.426117° N  
LONGITUDE = 107.995317° W  
(BOTTOM HOLE LOCATION) NAD 83  
LATITUDE = 39.421617° N  
LONGITUDE = 107.986425° W

**CERTIFICATE OF SURVEYOR**

I, TED TAGGART OF FRUITA, COLORADO HEREBY CERTIFY THAT THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL SURVEY MADE BY ME OR UNDER MY DIRECTION FOR ENCANA OIL & GAS (USA) INC. AND THAT THIS LOCATION HAS BEEN STAKED ON THE GROUND AS SHOWN HEREON.



**WASATCH**  
SURVEYING

906 Main Street  
Evanston, Wyoming 82930  
Phone No. (307) 789-4545

**NOTES**

1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO SECTION LINES.
2. BASIS OF BEARING: GEODETIC- BASED ON GPS OBSERVATIONS.
3. ELEVATIONS BASED ON GPS OBSERVATIONS, NAVD 88 (GEOID 03), POST PROCESSED USING NGS OPUS.
4. THE BOTTOM HOLE BEARS S56°41'30"E, 3001' FROM TOP OF HOLE.
5. SEE ADDENDUM TO LEGAL PLAT (SHEET 1K) FOR VISIBLE IMPROVEMENTS WITHIN 400 FEET OF THE PROPOSED OIL & GAS LOCATION.
6. CONTROL FOR SURVEY WAS ESTABLISHED USING DIFFERENTIALLY CORRECTED GPS FROM AN OPUS BASED CONTROL NETWORK. WELL LOCATION WAS ESTABLISHED USING NON-GPS CONVENTIONAL METHODS, THEREFORE NO PDOP READING WAS TAKEN.

**MAP to ACCOMPANY**  
**APPLICATION for PERMIT to DRILL**  
**Encana Oil & Gas (USA) Inc.**  
**Federal 22-11B (PH-21) Well**

SE1/4 NE1/4, SECTION 21  
T7S, R95W, 6th P.M.  
GARFIELD COUNTY, COLORADO

Location Plat		Scale: 1" = 1000'	SHEET <b>1a</b> OF 10
Project No.	05-04-36	Date Surveyed: 6/29/05	
Date Drawn: 1/12/11		Latest Revision Date: 9/22/11	