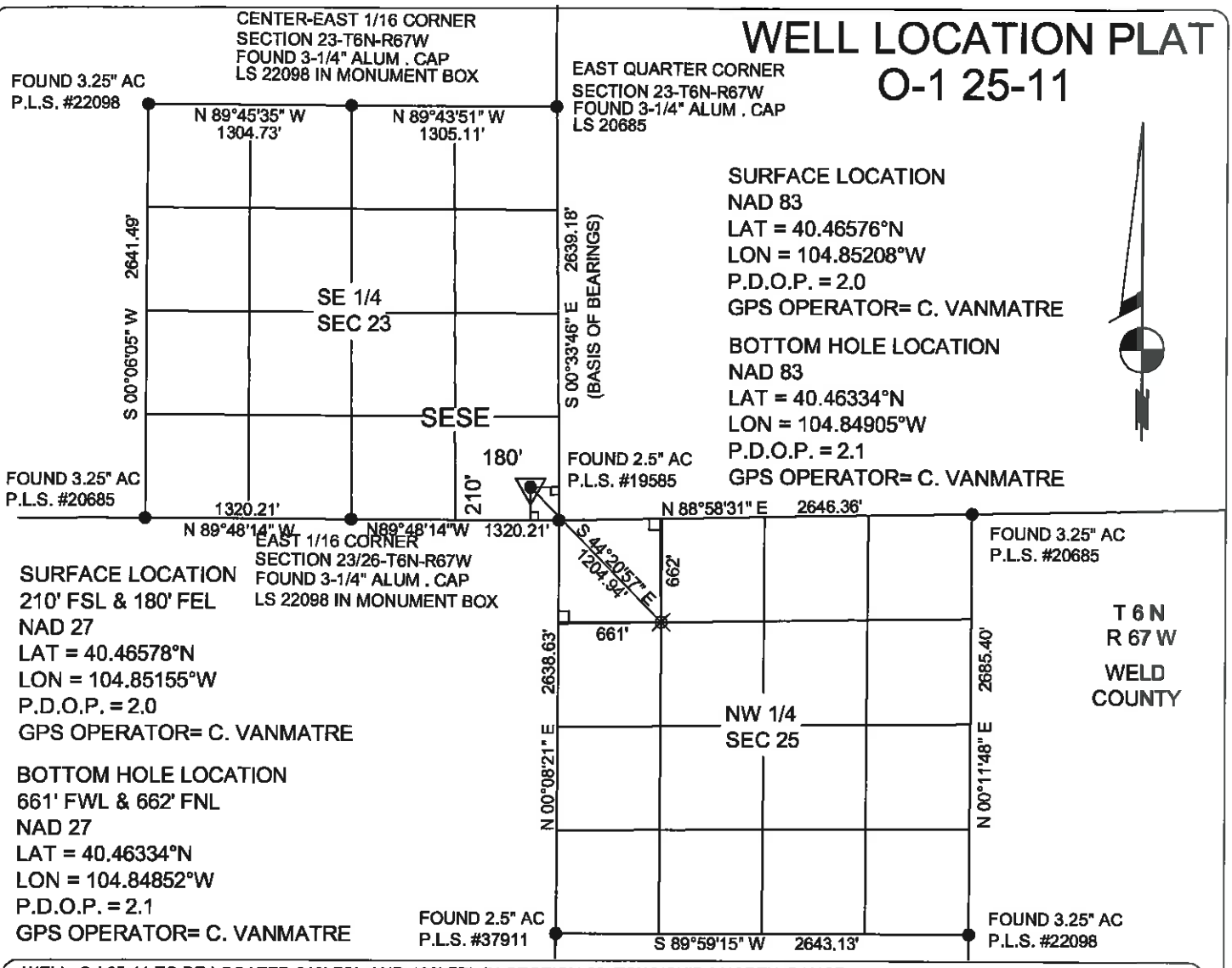
WELL LOCATION PLAT
O-1 25-11



SURFACE LOCATION
NAD 83
LAT = 40.46576°N
LON = 104.85208°W
P.D.O.P. = 2.0
GPS OPERATOR= C. VANMATRE

BOTTOM HOLE LOCATION
NAD 83
LAT = 40.46334°N
LON = 104.84905°W
P.D.O.P. = 2.1
GPS OPERATOR= C. VANMATRE

SURFACE LOCATION
210' FSL & 180' FEL
NAD 27
LAT = 40.46578°N
LON = 104.85155°W
P.D.O.P. = 2.0
GPS OPERATOR= C. VANMATRE

BOTTOM HOLE LOCATION
661' FWL & 662' FNL
NAD 27
LAT = 40.46334°N
LON = 104.84852°W
P.D.O.P. = 2.1
GPS OPERATOR= C. VANMATRE

T 6 N
R 67 W
WELD
COUNTY

WELL: O-I 25-11 TO BE LOCATED 210' FSL AND 180' FEL IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.
LOCATION FALLS IN: CORN FIELD GROUND ELEVATION = 4772' IMPROVEMENTS: PROPOSED WELLS 20' N, 20', AND 40' S OF LOCATION

LEGEND:
- SECTION CORNER (AS NOTED)
- PROPOSED WELL LOCATION
- PROPOSED BOTTOM HOLE LOCATION

500 0 500 1000 1500 2500
SCALE 1"=1000'

NOTES:
1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS AS SET BY THE C.O.G.C.C. RULE NO. 215.
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.
VERTICAL = NAVD88 HORIZONTAL = NAD83/92
3. THE BEARINGS AS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND IN THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

COLORADO LICENSED
RICHARD BRUCE GABRIEL
37929
9-9-11
PROFESSIONAL LAND SURVEYOR

I, RICHARD B. GABRIEL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO:
GREAT WESTERN OIL AND GAS COMPANY THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WAS DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL **O-I 25-11**.
THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

RICHARD B. GABRIEL P.L.S. #37929
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF POWER SURVEYING CO., INC.

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED ON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

POWER™ Surveying Company, Inc.
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DATE OF FIELD WORK: 9-8-11
DATE OF COMPLETION: 9-9-11
PROJECT NUMBER: 501-11-145 REV1