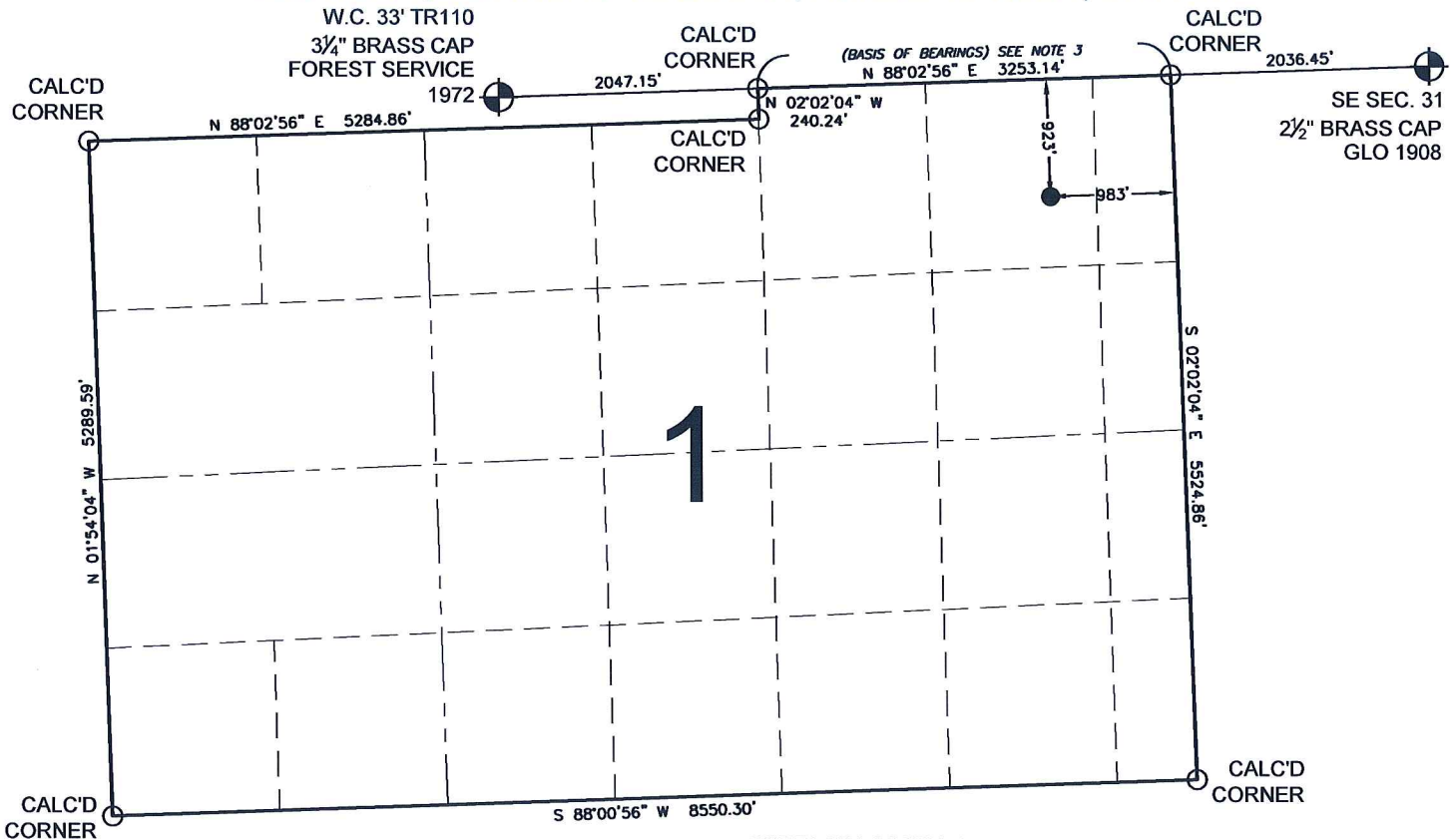


WELL LOCATION CERTIFICATE: BROOKS #1-2

SECTION 1, TOWNSHIP 32 SOUTH, RANGE 45 WEST, 6TH P.M.



NOTES:
THIS IS A VERTICAL WELL.
LAND SURFACE USE-DRYLAND CROP.
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.
NAD27 SOURCE COORDINATES:
LATITUDE=37.29208
LONGITUDE=102.42602

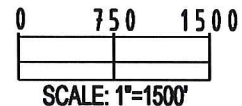
SURFACE LOCATION
GROUND ELEVATION= 4137'
NAD83
LATITUDE= 37.29210°
LONGITUDE= 102.42648°

GPS OPERATOR: CHRIS PEARSON
PDOP=2.64

WELL **BROOKS #1-2** TO BE LOCATED 923' FNL AND 983' FEL, SECTION 1, T32S, R45W OF THE 6th P.M.

LEGEND

⊕ = EXISTING MONUMENT ⊕ = BOTTOM HOLE BH = BOTTOM HOLE
● = PROPOSED WELL * = EXISTING WELL

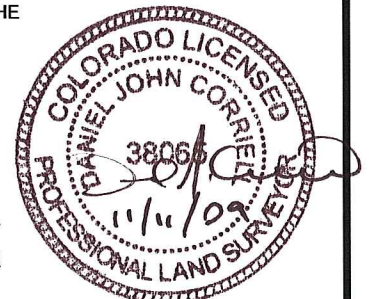



NOTES:

- THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- 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
- THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
- DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.
- SECTION LOCATION ESTIMATED FROM DATA SUPPLIED BY BLM GCDB SEARCH COORDINATES.
- SECTION BEARING AND DISTANCES CALCULATED FROM GLO RESURVEY OF T32S, R45W, 6TH PM, DECEMBER 1909.

I, DANIEL J. CORRIELL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **CHOLLA PRODUCTION, LLC**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL **BROOKS #1-2**. 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.

DANIEL J. CORRIELL, PLS 38065
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:  Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 10-16-09	WELL NAME: BROOKS #1-2
	DRAWING DATE: 10-20-09	SURFACE LOCATION: BACA COUNTY, COLORADO
	BY: CP	SEC. 1, T32S, R45W

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 UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.



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Scale 1 : 25,000
1" = 2080 ft

