

WELL LOCATION CERTIFICATE: TALON VIEW 3-9

SECTION 9, TOWNSHIP 1 SOUTH, RANGE 67 WEST, 6TH P.M.

NW SEC. 9
2 1/2" BRASS CAP
ILLEGIBLE

N 89°17'41" E 2653.36'

N 88°34'10" E 2646.37'

NE SEC. 9
3 1/4" ALUM. CAP
LS 23027

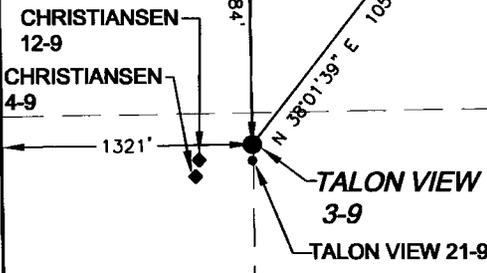
N 1/4 SEC. 9
2 1/2" BRASS CAP
ILLEGIBLE

SURFACE LOCATION
GROUND ELEVATION= 5157'
NAD83
LATITUDE= 39.98233°
LONGITUDE= 104.89859°

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 39.98461°
LONGITUDE= 104.89625°

PDOP= 2.24
GPS OPERATOR: TRAVIS KRAICH

(BASIS OF BEARINGS) SEE NOTE 3
N 00°35'20" W 2644.41'



S 00°37'39" E 2641.62'

E 1/4 SEC. 9
3 1/4" ALUM. CAP
LS 37971

W 1/4 SEC. 9
3 1/4" ALUM. CAP
LS ILLEGIBLE

N 00°35'13" W 2644.68'

NOTES:
THIS IS A DIRECTIONAL WELL
BH LOCATION IS AT 660' FNL & 1980' FWL
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-AGRICULTURAL FIELD
TWINNING PROPOSED WELL TALON VIEW 21-9
TO BE 15' S.
PROPOSED WELL TALON VIEW 21-9 IS AT
1499' FNL & 1321' FWL.
EXISTING WELL CHRISTIANSEN 12-9 IS
187' SW.
EXISTING WELL CHRISTIANSEN 4-9 IS
205' SW.
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

S 00°43'24" E 2637.95'

S 1/4 SEC. 9
FOUND BENT #6
REBAR

SE SEC. 9
3 1/4" ALUM. CAP
LS 37971

SW SEC. 9
CALCULATED
POSITION

S 88°49'37" W 2653.09'

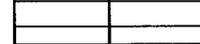
S 88°50'02" W 2654.69'

WELL TALON VIEW 3-9 TO BE LOCATED 1484' FNL AND 1321' FWL, SECTION 9, T1S, R67W OF THE 6th P.M.

LEGEND

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⬤ = BOTTOM HOLE
- ◆ = EXISTING WELL
- BH = BOTTOM HOLE

0 500 1000



SCALE: 1"=1000'

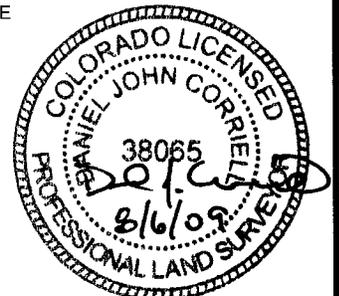


NOTES:

- 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.

I, DANIEL J. CORRIELL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, 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 **TALON VIEW 3-9**. 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:  PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 07-29-09	WELL NAME: TALON VIEW 3-9
DRAWING DATE: 08-04-09	SURFACE LOCATION: ADAMS COUNTY, COLORADO	
BY: SMF	SW 1/4 NW 1/4, SEC. 9, T1S, R67W	

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.

