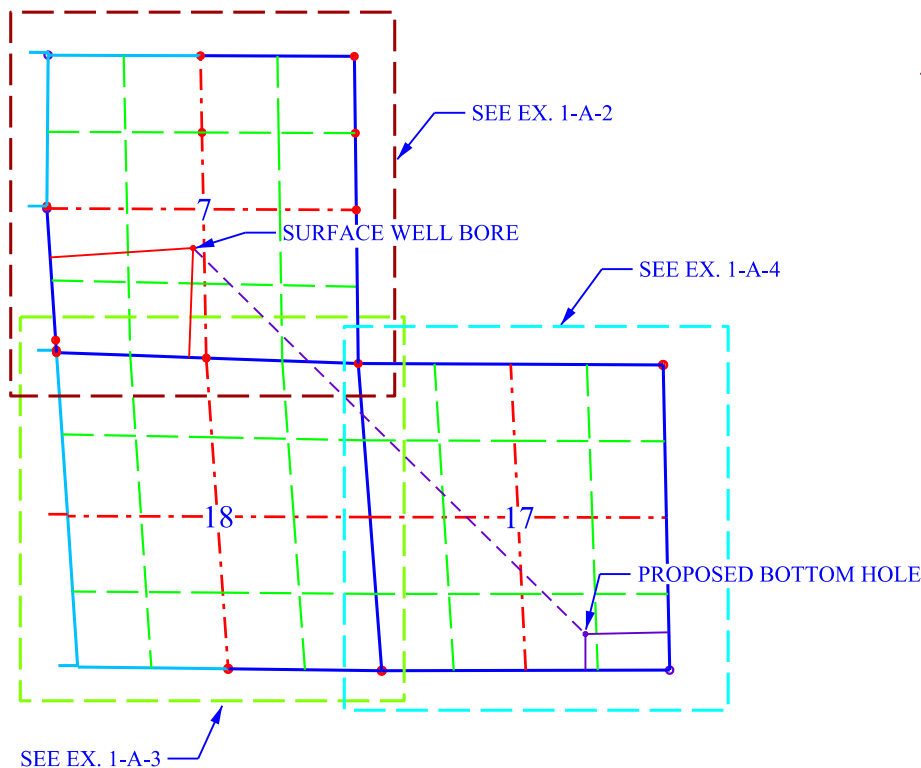


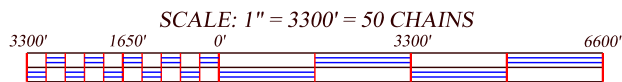
# EXHIBIT I-A-1: WELL LOCATION PLAT (1 of 4)

T. 8 S., R. 98 W., 6TH P.M.



## LEGEND:

- ⊕ WELL LOCATION AS STAKED
- ( ) RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- C DIMENSIONS COMPUTED
- Ⓢ FOUND MONUMENT AS NOTED
- PROPORTIONATE CORNER COMPUTED, NOTHING SET



## CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THIS SURVEY PLAT WAS MADE FROM NOTES TAKEN DURING A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT IT CORRECTLY SHOWS THE LOCATION OF THE DRILLING SITE AS STAKED ON THE GROUND.



WELL NAME: HOMER DEEP UNIT 7-23DH  
UNGRADED GROUND ELEVATION: 5673.8 FEET

ELEVATION DATUM:  
BM: NGS STATIONS "MC01", "MC07" & "MC08"  
NAVD88 - GEOID 09  
NAD83 (CORS96) (EPOCH: 2002.0)

SURFACE LOCATION: MEASURED AT 90° TO THE SECTION LINES  
1883 FEET, N 2°04'35" E OF THE SOUTH LINE  
2462 FEET, N 86°11'52" E OF THE WEST LINE

GENERAL LOCATION: NE¼ SW¼, SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.37210° N (39°22'19.57" N)  
LONGITUDE: 108.36961° W (108°22'10.58" W)  
PDOP = 1.8

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.35389° N (39°21'14.01" N)  
LONGITUDE: 108.34575° W (108°20'44.68" W)

BASIS OF BEARINGS: PLANE PROJECTION  
DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @  
NGS STATIONS "MC01", "MC07", & "MC08"  
ORIGIN at SE CORNER, SECTION 16, T8S, R98W.  
39°21'07.15853" N SF = 1.0000  
108°19'21.06044" W  
HEIGHT = 5871' ELEV = 5925'

## NOTES:

- THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 400' OF THE STAKED WELL LOCATION. SEE EX. I-B.
- SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

EXHIBIT I-A-1: WELL LOCATION PLAT (1 of 4)  
HOMER DEEP UNIT 7-23DH

LOCATED IN  
NE¼ SW¼ OF SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

OWNER: **BLACK HILLS PLATEAU  
PRODUCTION COMPANY, LLC  
DENVER, COLORADO**

FIELD SURVEY DATE  
JANUARY 22, 2014

SURVEYOR  
PAUL REID, PLS

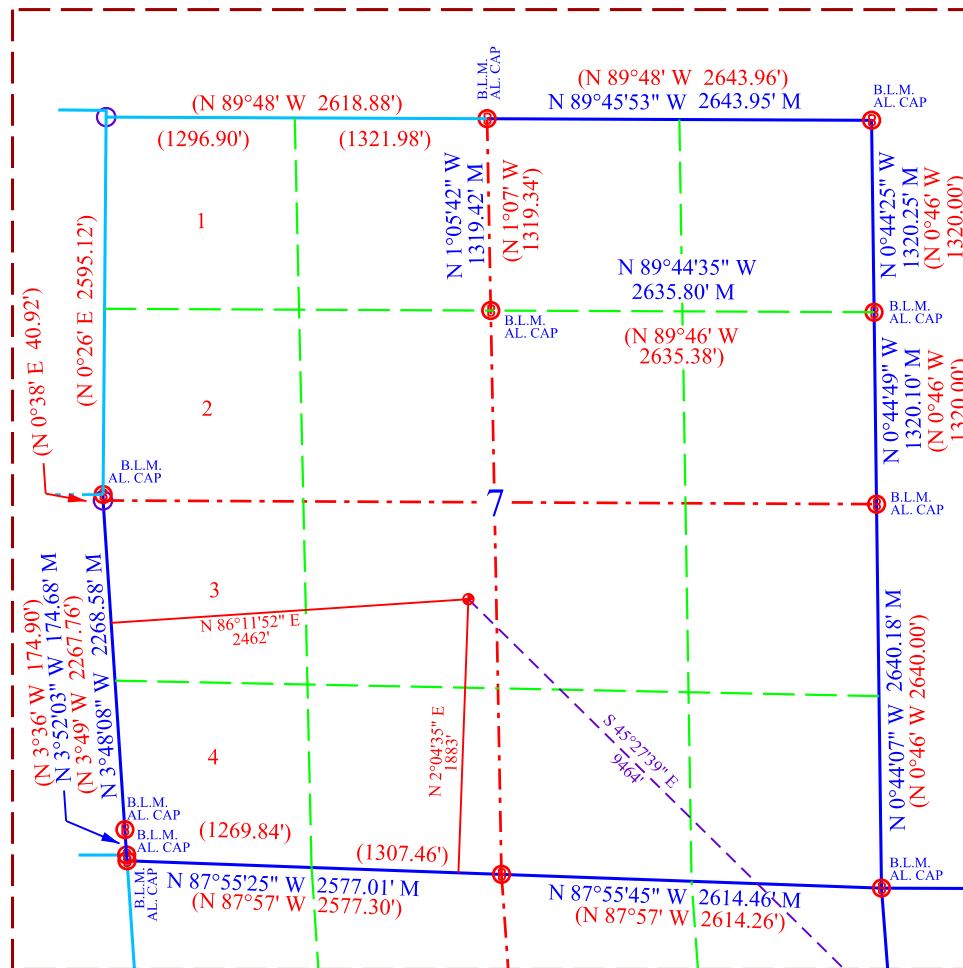
DRAWING DATE  
JANUARY 23, 2014

PROJECT NO.  
23A12

PREPARED BY: **PAUL A. REID, PLS  
PROFESSIONAL LAND SURVEYOR**  
1533 PINION DRIVE  
CHEYENNE, WYOMING 82001  
(307) 637-3400 - FAX (307) 347-8589

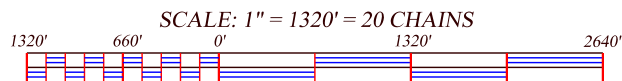
## EXHIBIT I-A-2: WELL LOCATION PLAT (2 of 4)

T. 8 S., R. 98 W., 6TH P.M.



### LEGEND:

- ⊕ WELL LOCATION AS STAKED
- ( ) RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- C DIMENSIONS COMPUTED
- Ⓢ FOUND MONUMENT AS NOTED
- PROPORTIONATE CORNER COMPUTED, NOTHING SET



## CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THIS SURVEY PLAT WAS MADE FROM NOTES TAKEN DURING A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT IT CORRECTLY SHOWS THE LOCATION OF THE DRILLING SITE AS STAKED ON THE GROUND.



WELL NAME: HOMER DEEP UNIT 7-23DH  
UNGRADED GROUND ELEVATION: 5673.8 FEET

### ELEVATION DATUM:

BM: NGS STATIONS "MC01", "MC07" & "MC08"  
NAVD88 - GEOID 09  
NAD83 (CORS96) (EPOCH: 2002.0)

SURFACE LOCATION: MEASURED AT 90° TO THE SECTION LINES  
1883 FEET, N 2°04'35" E OF THE SOUTH LINE  
2462 FEET, N 86°11'52" E OF THE WEST LINE

GENERAL LOCATION: NE¼ SW¼, SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.37210° N (39°22'19.57" N)  
LONGITUDE: 108.36961° W (108°22'10.58" W)  
PDOP = 1.8

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.35389° N (39°21'14.01" N)  
LONGITUDE: 108.34575° W (108°20'44.68" W)

### BASIS OF BEARINGS: PLANE PROJECTION

DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @  
NGS STATIONS "MC01", "MC07", & "MC08"  
ORIGIN at SE CORNER, SECTION 16, T8S, R98W.  
39°21'07.15853" N SF = 1.0000  
108°19'21.06044" W  
HEIGHT = 5871' ELEV = 5925'

### NOTES:

1. THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 400' OF THE STAKED WELL LOCATION. SEE EX. I-B.
2. SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

EXHIBIT I-A-2: WELL LOCATION PLAT (2 of 4)  
HOMER DEEP UNIT 7-23DH  
LOCATED IN

NE¼ SW¼ OF SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

OWNER:

**BLACK HILLS PLATEAU  
PRODUCTION COMPANY, LLC  
DENVER, COLORADO**

FIELD SURVEY DATE  
JANUARY 22, 2014

SURVEYOR  
PAUL REID, PLS

DRAWING DATE  
JANUARY 23, 2014

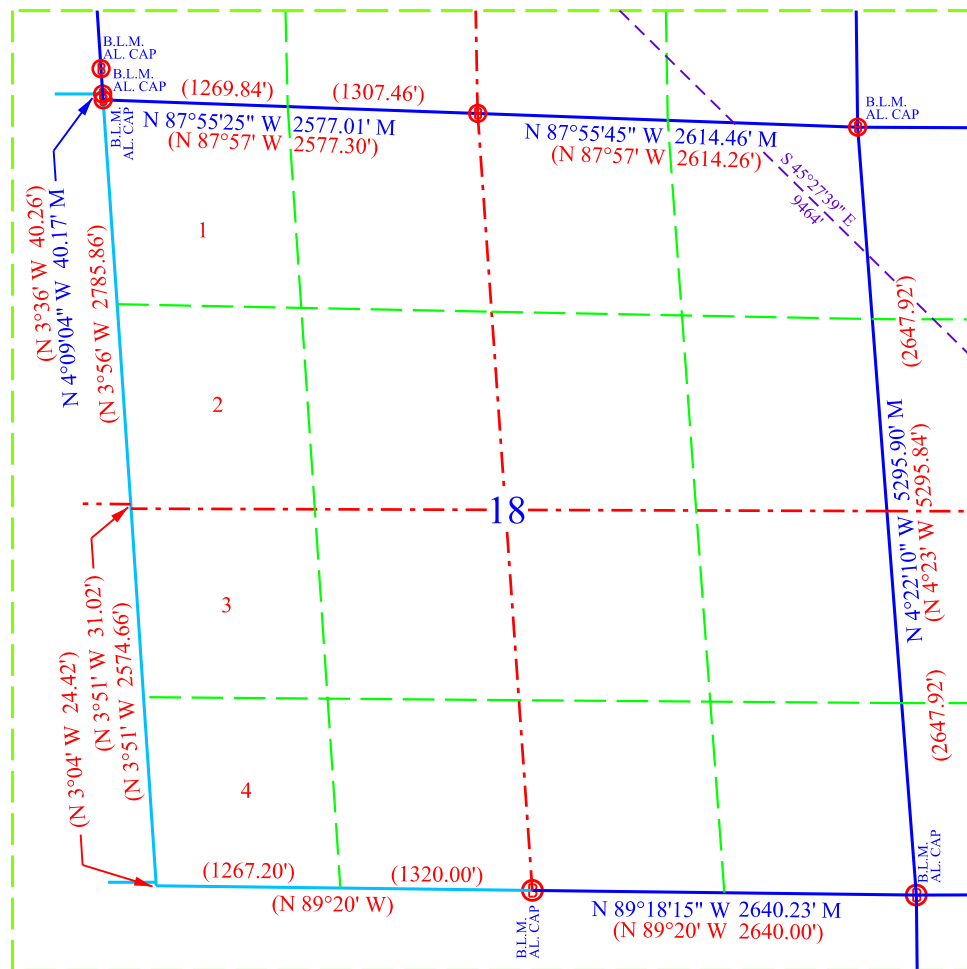
PROJECT NO.  
23A12

PREPARED BY:

**PAUL A. REID, PLS  
PROFESSIONAL LAND SURVEYOR**  
1533 PINION DRIVE  
CHEYENNE, WYOMING 82001  
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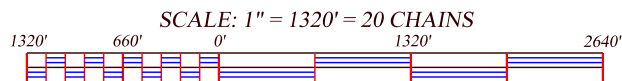
# EXHIBIT I-A-3: WELL LOCATION PLAT (3 of 4)

T. 8 S., R. 98 W., 6TH P.M.



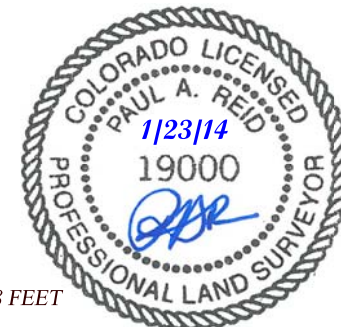
## LEGEND:

- ⊕ WELL LOCATION AS STAKED
- ( ) RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- C DIMENSIONS COMPUTED
- Ⓢ FOUND MONUMENT AS NOTED
- PROPORTIONATE CORNER COMPUTED, NOTHING SET



## CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THIS SURVEY PLAT WAS MADE FROM NOTES TAKEN DURING A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT IT CORRECTLY SHOWS THE LOCATION OF THE DRILLING SITE AS STAKED ON THE GROUND.



WELL NAME: HOMER DEEP UNIT 7-23DH  
UNGRADED GROUND ELEVATION: 5673.8 FEET

### ELEVATION DATUM:

BM: NGS STATIONS "MC01", "MC07" & "MC08"  
NAVD88 - GEOID 09  
NAD83 (CORS96) (EPOCH: 2002.0)

SURFACE LOCATION: MEASURED AT 90° TO THE SECTION LINES  
1883 FEET, N 2°04'35" E OF THE SOUTH LINE  
2462 FEET, N 86°11'52" E OF THE WEST LINE

GENERAL LOCATION: NE¼ SW¼, SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.37210° N (39°22'19.57" N)  
LONGITUDE: 108.36961° W (108°22'10.58" W)  
PDOP = 1.8

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.35389° N (39°21'14.01" N)  
LONGITUDE: 108.34575° W (108°20'44.68" W)

### BASIS OF BEARINGS: PLANE PROJECTION

DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @  
NGS STATIONS "MC01", "MC07", & "MC08"  
ORIGIN at SE CORNER, SECTION 16, T8S, R98W.  
39°21'07.15853" N SF = 1.0000  
108°19'21.06044" W  
HEIGHT = 5871' ELEV = 5925'

### NOTES:

- THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 400' OF THE STAKED WELL LOCATION. SEE EX. I-B.
- SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

EXHIBIT I-A-3: WELL LOCATION PLAT (3 of 4)  
HOMER DEEP UNIT 7-23DH

LOCATED IN  
NE¼ SW¼ OF SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

OWNER:

BLACK HILLS PLATEAU  
PRODUCTION COMPANY, LLC  
DENVER, COLORADO

FIELD SURVEY DATE  
JANUARY 22, 2014

SURVEYOR  
PAUL REID, PLS

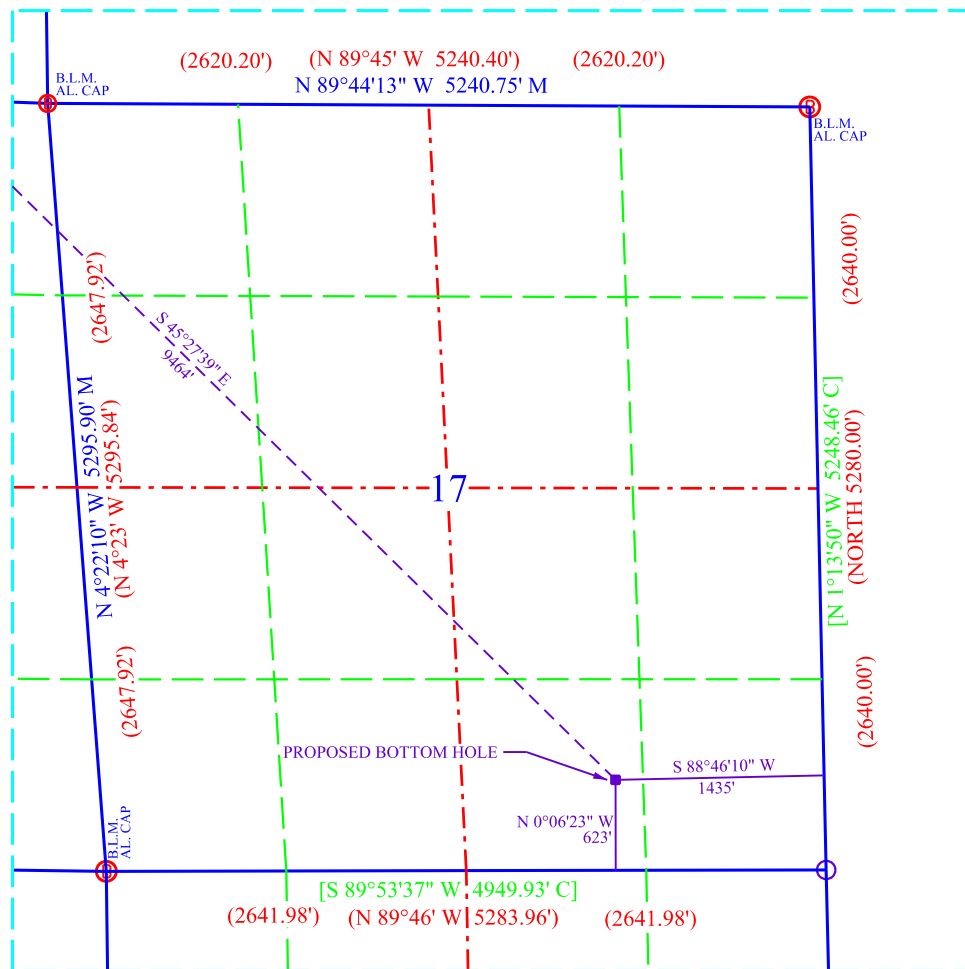
DRAWING DATE  
JANUARY 23, 2014

PROJECT NO.  
23A12

PREPARED BY: PAUL A. REID, PLS  
PROFESSIONAL LAND SURVEYOR  
1533 PINION DRIVE  
CHEYENNE, WYOMING 82001  
(307) 637-3400 - FAX (307) 347-8589

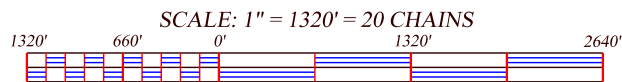
# EXHIBIT I-A-4: WELL LOCATION PLAT (4 of 4)

T. 8 S., R. 98 W., 6TH P.M.



## LEGEND:

- ⊕ WELL LOCATION AS STAKED
- ( ) RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- C DIMENSIONS COMPUTED
- Ⓟ FOUND MONUMENT AS NOTED
- PROPORTIONATE CORNER COMPUTED, NOTHING SET



## CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THIS SURVEY PLAT WAS MADE FROM NOTES TAKEN DURING A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT IT CORRECTLY SHOWS THE LOCATION OF THE DRILLING SITE AS STAKED ON THE GROUND.



WELL NAME: HOMER DEEP UNIT 7-23DH  
UNGRADED GROUND ELEVATION: 5673.8 FEET

### ELEVATION DATUM:

BM: NGS STATIONS "MC01", "MC07" & "MC08"  
NAVD88 - GEOID 09  
NAD83 (CORS96) (EPOCH: 2002.0)

SURFACE LOCATION: MEASURED AT 90° TO THE SECTION LINES  
1883 FEET, N 2°04'35" E OF THE SOUTH LINE  
2462 FEET, N 86°11'52" E OF THE WEST LINE

GENERAL LOCATION: NE¼ SW¼, SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.37210° N (39°22'19.57" N)  
LONGITUDE: 108.36961° W (108°22'10.58" W)  
PDOP = 1.8

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)  
LATITUDE: 39.35389° N (39°21'14.01" N)  
LONGITUDE: 108.34575° W (108°20'44.68" W)

### BASIS OF BEARINGS: PLANE PROJECTION

DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @  
NGS STATIONS "MC01", "MC07", & "MC08"  
ORIGIN at SE CORNER, SECTION 16, T8S, R98W.  
39°21'07.15853" N SF = 1.0000  
108°19'21.06044" W  
HEIGHT = 5871' ELEV = 5925'

### NOTES:

- THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 400' OF THE STAKED WELL LOCATION. SEE EX. I-B.
- SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

EXHIBIT I-A-4: WELL LOCATION PLAT (4 of 4)  
HOMER DEEP UNIT 7-23DH  
LOCATED IN

NE¼ SW¼ OF SECTION 7  
T. 8 S., R. 98 W., 6TH P.M.  
GARFIELD COUNTY, COLORADO

OWNER:

BLACK HILLS PLATEAU  
PRODUCTION COMPANY, LLC  
DENVER, COLORADO

FIELD SURVEY DATE  
JANUARY 22, 2014

SURVEYOR  
PAUL REID, PLS

DRAWING DATE  
JANUARY 23, 2014

PROJECT NO.  
23A12

PREPARED BY: PAUL A. REID, PLS  
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