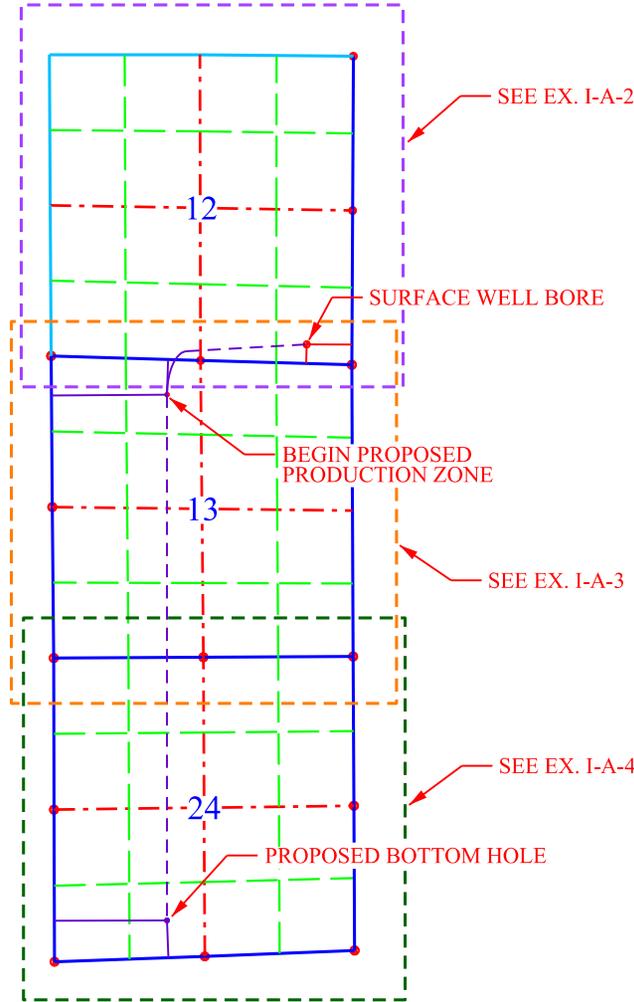


EXHIBIT I-A-1: WELL LOCATION PLAT (1 of 4)

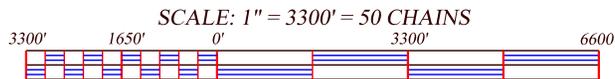
T. 9 S., R. 98 W., 6TH P.M.



LEGEND:

- ⊕ WELL LOCATION AS STAKED
- () RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- FOUND MONUMENT AS NOTED
- SURVEYED OR PROTRACTED POINT, NOTHING SET

NOTE: WELL BORE PATH DETERMINED FROM COMPUTATIONS PUBLISHED BY NOVA DIRECTIONAL INC. ON JULY 7, 2015.



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: WHITTAKER FLATS UNIT 12-16AH
UNGRADED GROUND ELEVATION: 5081.9 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
331 FEET, N 1°37'24" E OF THE SOUTH LINE
782 FEET, N 89°44'28" W OF THE EAST LINE

GENERAL LOCATION: SE¼ SE¼, SECTION 12
T. 9 S., R. 98 W., 6TH P.M.
MESA COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.28115° N (39°16'52.14" N)
LONGITUDE: 108.27311° W (108°16'23.21" W)
PDOP = 1.4

PRODUCTION ZONE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.25787° N (39°16'43.53" N)
LONGITUDE: 108.28164° W (108°16'53.91" W)

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.25384° N (39°15'13.81" N)
LONGITUDE: 108.28164° W (108°16'53.90" W)

BASIS OF BEARINGS: PLANE PROJECTION
DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @
NGS STATIONS "MC01", "MC07", & "MC08"
ORIGIN at SE CORNER, SECTION 13, T. 9 S., R. 98 W.
39°15'58.85253" N SF = 1.0000
108°16'13.00704" W
HEIGHT = 5175' ELEV = 5229'

NOTES:

1. THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 500' OF THE STAKED WELL LOCATION. SEE EX. I-B.
2. SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

**EXHIBIT I-A-1: WELL LOCATION PLAT (1 of 4)
WHITTAKER FLATS UNIT 12-16AH**

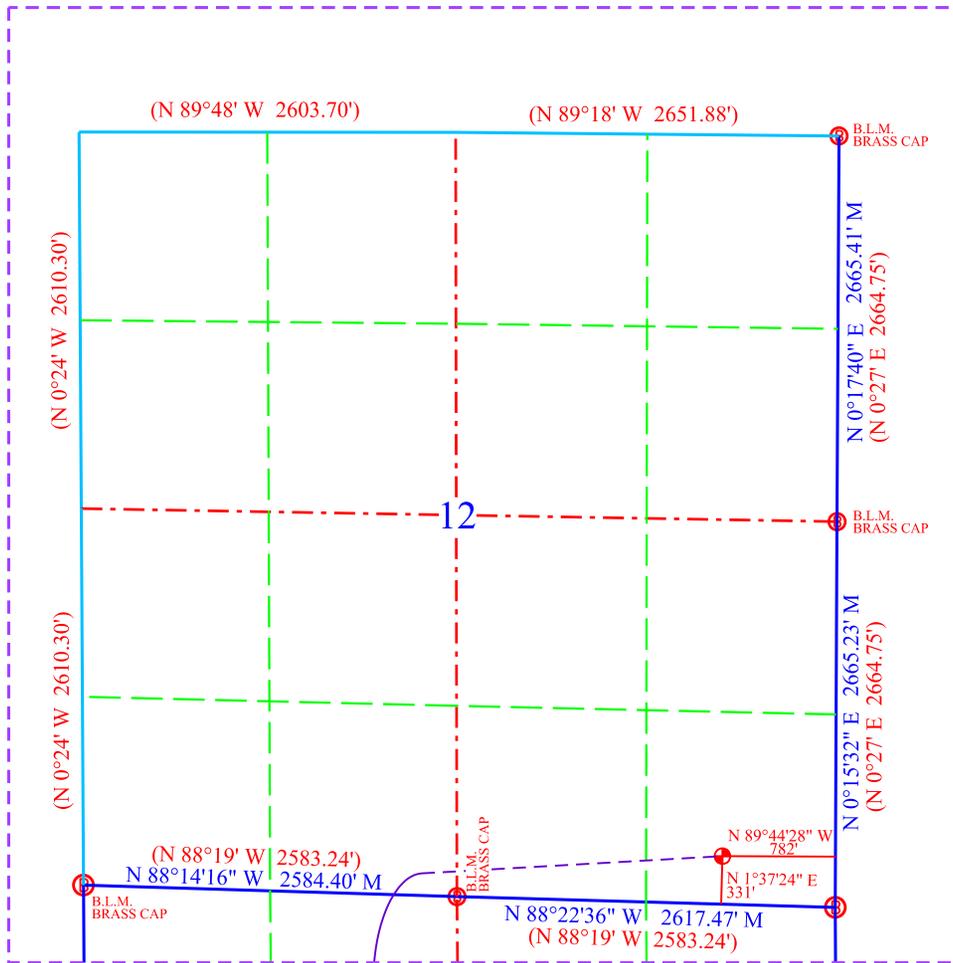
LOCATED IN
SE¼ SE¼ OF SECTION 12
T. 9 S., R. 98 W., 6TH P.M.
MESA COUNTY, COLORADO

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

FIELD SURVEY DATE FEBRUARY 14, 2015	SURVEYOR COTTON D. JONES, PLS
DRAWING DATE JULY 8, 2015	PROJECT NO. 30A12

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

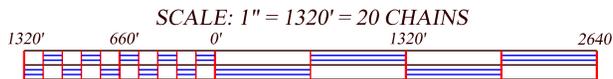
T. 9 S., R. 98 W., 6TH P.M.



LEGEND:

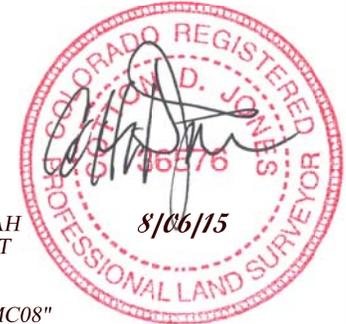
- ⊕ WELL LOCATION AS STAKED
- () RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- FOUND MONUMENT AS NOTED
- SURVEYED OR PROTRACTED POINT, NOTHING SET

NOTE: WELL BORE PATH DETERMINED FROM COMPUTATIONS PUBLISHED BY NOVA DIRECTIONAL INC. ON JULY 7, 2015.



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: WHITTAKER FLATS UNIT 12-16AH
UNGRADED GROUND ELEVATION: 5081.9 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
331 FEET, N 1°37'24" E OF THE SOUTH LINE
782 FEET, N 89°44'28" W OF THE EAST LINE

GENERAL LOCATION: SE¼ SE¼, SECTION 12
T. 9 S., R. 98 W., 6TH P.M.
MESA COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.28115° N (39°16'52.14" N)
LONGITUDE: 108.27311° W (108°16'23.21" W)
PDOP = 1.4

PRODUCTION ZONE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.27876° N (39°16'43.53" N)
LONGITUDE: 108.28164° W (108°16'53.91" W)

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.25384° N (39°15'13.81" N)
LONGITUDE: 108.28164° W (108°16'53.90" W)

BASIS OF BEARINGS: PLANE PROJECTION
DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @
NGS STATIONS "MC01", "MC07", & "MC08"
ORIGIN at SE CORNER, SECTION 13, T. 9 S., R. 98 W.
39°15'58.85253" N SF = 1.0000
108°16'13.00704" W
HEIGHT = 5175' ELEV = 5229'

NOTES:

1. THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 500' 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) WHITTAKER FLATS UNIT 12-16AH LOCATED IN SE¼ SE¼ OF SECTION 12 T. 9 S., R. 98 W., 6TH P.M. MESA COUNTY, COLORADO	FIELD SURVEY DATE FEBRUARY 14, 2015	SURVEYOR COTTON D. JONES, PLS
	DRAWING DATE JULY 8, 2015	PROJECT NO. 30A12
OWNER: BLACK HILLS PLATEAU PRODUCTION COMPANY, LLC DENVER, COLORADO		

EXHIBIT I-A-3: WELL LOCATION PLAT (3 of 4)

T. 9 S., R. 98 W., 6TH P.M.

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: WHITTAKER FLATS UNIT 12-16AH
UNGRADED GROUND ELEVATION: 5081.9 FEET

ELEVATION DATUM:
BM: NGS STATIONS "MC01", "MC07" & "MC08"
NAVD88 - GEOID 09
NAD83 (CORSS96) (EPOCH: 2002.0)

SURFACE LOCATION: MEASURED AT 90° TO THE SECTION LINES
331 FEET, N 1°37'24" E OF THE SOUTH LINE
782 FEET, N 89°44'28" W OF THE EAST LINE

GENERAL LOCATION: SE¼ SE¼, SECTION 12
T. 9 S., R. 98 W., 6TH P.M.
MESA COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORSS96) (EPOCH: 2002.0000)
LATITUDE: 39.28115° N (39°16'52.14" N)
LONGITUDE: 108.27311° W (108°16'23.21" W)
PDOP = 1.4

PRODUCTION ZONE LOCATION: NAD 83 (CORSS96) (EPOCH: 2002.0000)
LATITUDE: 39.27876° N (39°16'43.53" N)
LONGITUDE: 108.28164° W (108°16'53.91" W)

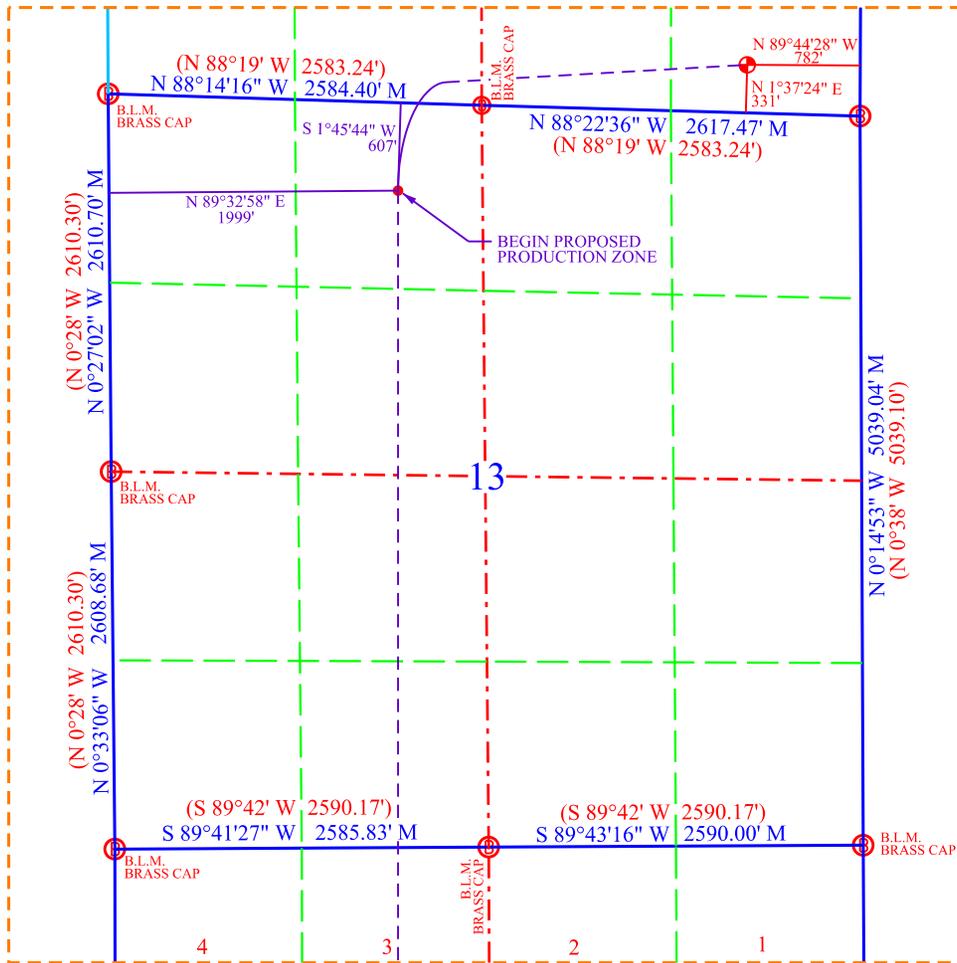
BOTTOM HOLE LOCATION: NAD 83 (CORSS96) (EPOCH: 2002.0000)
LATITUDE: 39.25384° N (39°15'13.81" N)
LONGITUDE: 108.28164° W (108°16'53.90" W)

BASIS OF BEARINGS: PLANE PROJECTION
DATUM: NAD83 (CORSS 96) (EPOCH 2002.0) @
NGS STATIONS "MC01", "MC07", & "MC08"
ORIGIN at SE CORNER, SECTION 13, T. 9 S., R. 98 W.
39°15'58.85253" N SF = 1.0000
108°16'13.00704" W
HEIGHT = 5175' ELEV = 5229'

NOTES:

1. THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 500' OF THE STAKED WELL LOCATION. SEE EX. I-B.
2. SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

EXHIBIT I-A-3: WELL LOCATION PLAT (3 of 4) WHITTAKER FLATS UNIT 12-16AH LOCATED IN SE¼ SE¼ OF SECTION 12 T. 9 S., R. 98 W., 6TH P.M. MESA COUNTY, COLORADO		FIELD SURVEY DATE FEBRUARY 14, 2015	SURVEYOR COTTON D. JONES, PLS
OWNER: BLACK HILLS PLATEAU PRODUCTION COMPANY, LLC DENVER, COLORADO		DRAWING DATE JULY 8, 2015	PROJECT NO. 30A12
		<p>6750 Say Kally Rd., Cheyenne, WY 82009 Ph: 307-637-7107 Cell: 307-630-8550 Email: cotton.jones@msn.com</p>	



LEGEND:

- ⊕ WELL LOCATION AS STAKED
- () RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- FOUND MONUMENT AS NOTED
- SURVEYED OR PROTRACTED POINT, NOTHING SET

NOTE: WELL BORE PATH DETERMINED FROM COMPUTATIONS PUBLISHED BY NOVA DIRECTIONAL INC. ON JULY 7, 2015.

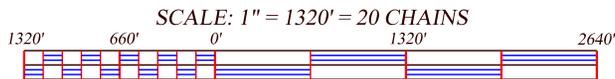
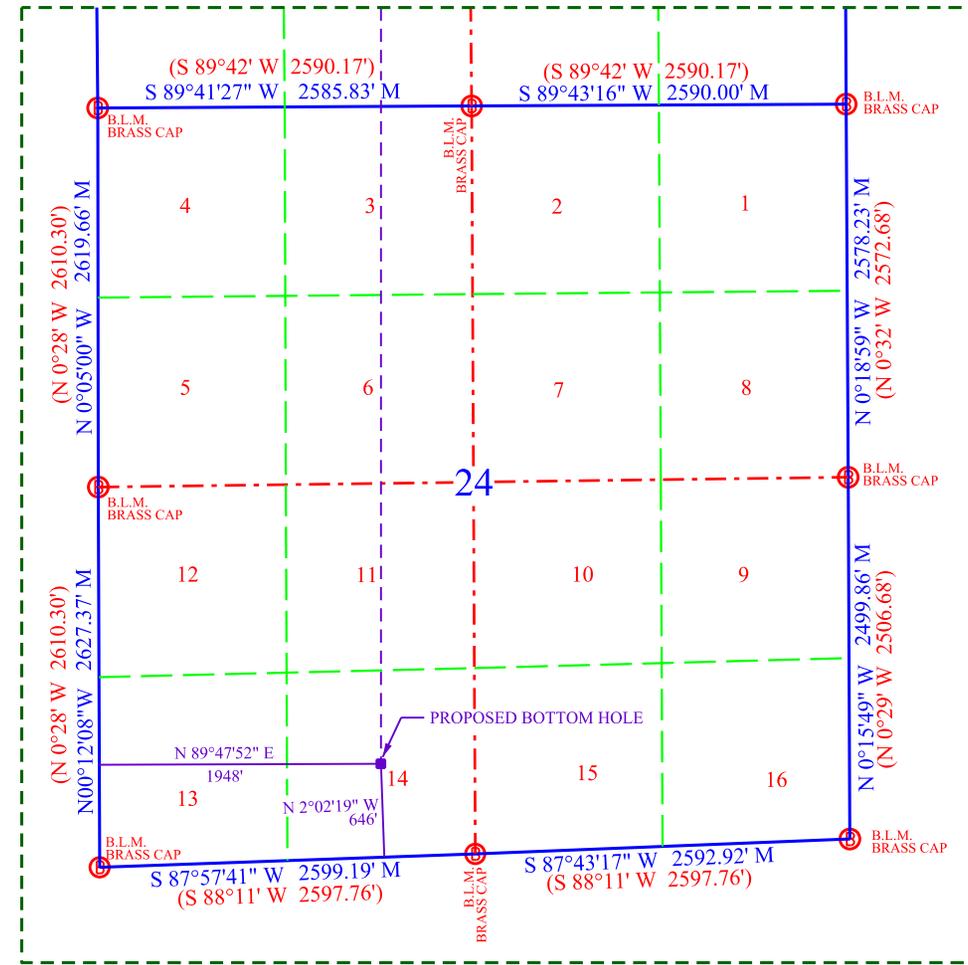


EXHIBIT I-A-4: WELL LOCATION PLAT (4 of 4)

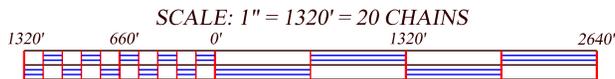
T. 9 S., R. 98 W., 6TH P.M.



LEGEND:

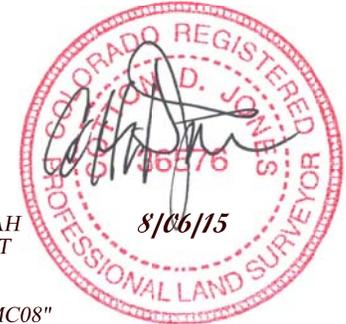
- ⊕ WELL LOCATION AS STAKED
- () RECORD DIMENSIONS PER OFFICIAL GOV'T SURVEY
- M MEASURED THIS SURVEY
- FOUND MONUMENT AS NOTED
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NOTE: WELL BORE PATH DETERMINED FROM COMPUTATIONS PUBLISHED BY NOVA DIRECTIONAL INC. ON JULY 7, 2015.



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WELL NAME: WHITTAKER FLATS UNIT 12-16AH
UNGRADED GROUND ELEVATION: 5081.9 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
331 FEET, N 1°37'24" E OF THE SOUTH LINE
782 FEET, N 89°44'28" W OF THE EAST LINE

GENERAL LOCATION: SE¼ SE¼, SECTION 12
T. 9 S., R. 98 W., 6TH P.M.
MESA COUNTY, COLORADO

SURFACE WELL LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.28115° N (39°16'52.14" N)
LONGITUDE: 108.27311° W (108°16'23.21" W)
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LATITUDE: 39.27876° N (39°16'43.53" N)
LONGITUDE: 108.28164° W (108°16'53.91" W)

BOTTOM HOLE LOCATION: NAD 83 (CORS96) (EPOCH: 2002.0000)
LATITUDE: 39.25384° N (39°15'13.81" N)
LONGITUDE: 108.28164° W (108°16'53.90" W)

BASIS OF BEARINGS: PLANE PROJECTION
DATUM: NAD83 (CORS 96) (EPOCH 2002.0) @
NGS STATIONS "MC01", "MC07", & "MC08"
ORIGIN at SE CORNER, SECTION 13, T. 9 S., R. 98 W.
39°15'58.85253" N SF = 1.0000
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HEIGHT = 5175' ELEV = 5229'

NOTES:

1. THERE ARE VISIBLE IMPROVEMENTS SUCH AS TRAILS OR NATURAL CHANNELS WITHIN 500' OF THE STAKED WELL LOCATION. SEE EX. I-B.
2. SURFACE USE IS NATIVE WOODS, NON CROP AND RANGE LAND.

EXHIBIT I-A-4: WELL LOCATION PLAT (4 of 4)
WHITTAKER FLATS UNIT 12-16AH

LOCATED IN
SE¼ SE¼ OF SECTION 12
T. 9 S., R. 98 W., 6TH P.M.
MESA COUNTY, COLORADO

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

FIELD SURVEY DATE FEBRUARY 14, 2015	SURVEYOR COTTON D. JONES, PLS
DRAWING DATE JULY 8, 2015	PROJECT NO. 30A12

COTTON D. JONES LAND SURVEYING, INC.
6750 Say Kally Rd.,
Cheyenne, WY 82009
Ph: 307-637-7107
Cell: 307-630-8550
Email: cotton.jones@msn.com