

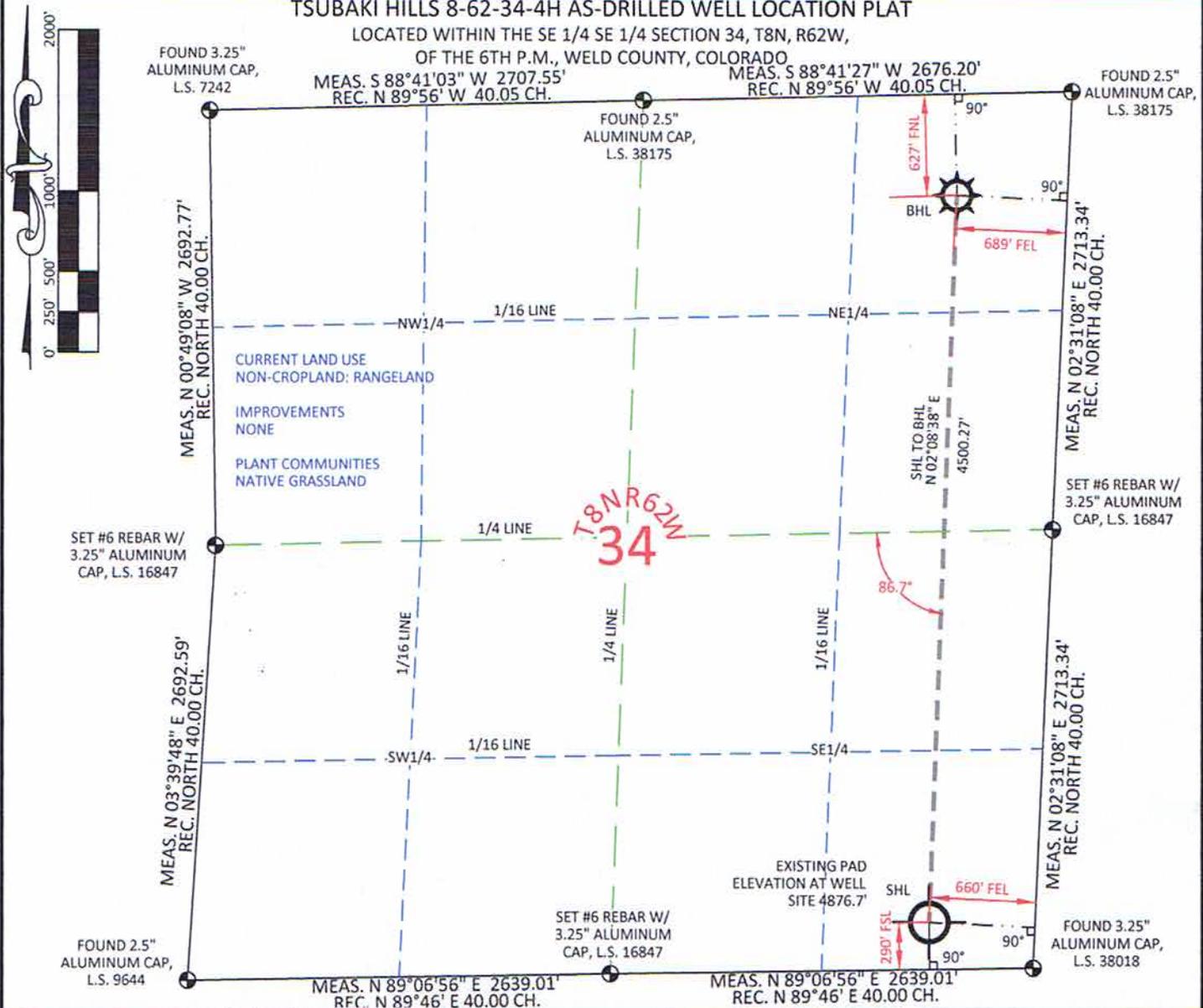
TSUBAKI HILLS 8-62-34-4H AS-DRILLED WELL LOCATION PLAT

LOCATED WITHIN THE SE 1/4 SE 1/4 SECTION 34, T8N, R62W,

OF THE 6TH P.M., WELD COUNTY, COLORADO

MEAS. S 88°41'03" W 2707.55'
REC. N 89°56' W 40.05 CH.

MEAS. S 88°41'27" W 2676.20'
REC. N 89°56' W 40.05 CH.

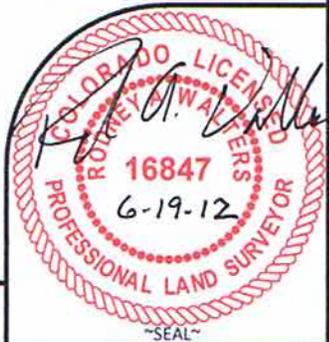


SURFACE HOLE (AS-DRILLED)	
LAT.	40.611132°
LONG.	104.299741°
LAT.	40.611149°
LONG.	104.299235°
LAT.	40°36'40.08"
LONG.	104°17'59.07"
LAT.	40°36'40.14"
LONG.	104°17'57.25"
NORTH	1467732.50
EAST	3333233.35
NORTH	467732.37
EAST	2333382.57
FOOTAGE: 660' FEL - 290' FSL	
MEASURE DATE	1/21/2012
INSTRUMENT OPERATOR	ALLEN BLATTEL
PDOP	1.5
SHL GRND ELEV.	4876.7'

BOTTOM HOLE (AS-DRILLED)	
LAT.	40.623469°
LONG.	104.298915°
LAT.	40.623486°
LONG.	104.298409°
LAT.	40°37'24.49"
LONG.	104°17'56.09"
LAT.	40°37'24.55"
LONG.	104°17'54.27"
NORTH	1472229.62
EAST	3333401.72
NORTH	472229.40
EAST	2333550.89
FOOTAGE: 689' FEL - 627' FNL	

I, Rodney A. Walters, Professional Land Surveyor, CO. LS #16847 hereby certify that (in accordance with a request from Erin Bibeau with Marathon Oil Co, 5555 San Felipe, Houston, TX 77056) I and/or personnel under my direction made a survey on the 21st day of January 2012, for the Surface Hole Location and Elevation of Marathon Oil Co. TSUBAKI HILLS 8-62-34-4H being located within the SE 1/4 SE 1/4 Section 34, T8N, R62W, and the Bottom Hole Location being located in the NE 1/4 of the NE 1/4 Section 34, T8N, R62W, both being of the 6th P.M., Weld County, State of Colorado.

- All bearings and distances are GRID, based on the Colorado State Plane Coordinate System, North Zone, North American Datum 1983 from GPS observations occupying a WHS control point (5/8" rebar) and having the Location and Elevation derived from an Opus Solution.
- Vertical Datum used is of NAVD 88.
- Record Bearings and Distances as shown are based on the General Land Office Survey plats approved on the 20th day of October 1870 and December 16, 1872.
- Geographic coordinates for the bottom hole location were taken from the wellpath report prepared by Baker Hughes for Tsubaki Hills 8-62-34-4H and dated 01/18/2012.



CONFIDENTIALITY NOTES:
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SURVEYING CONSULTANTS
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307-875-3639
www.whsmithpc.com

DRAWN BY: LAL CHECKED BY: RAW
PROJECT NO: 862344H JOB NO: 2011001
REVISIONS:

LEGEND	
●	FOUND CORNER
⊗	CALCULATED CORNER
○	NOTHING FOUND

LOCATION:
TSUBAKI HILLS
8-62-34-4H
WITHIN SE 1/4 SE 1/4
SECTION 6,
T 8 N, R 64 W,
6TH PM.
WELD COUNTY,
COLORADO

MARATHON OIL COMPANY
PO BOX 3128, HOUSTON TX, 77253
5555 SAN FELIPE, HOUSTON TX, 77056

AS-DRILLED
WELL LOCATION PLAT

SCALE: 1"=1000' EXHIBIT "A"
DATE: 06/19/2012 SHEET 1 OF 1