



SURFACE HOLE (AS-DRILLED)			BOTTOM HOLE (AS-DRILLED)			<p>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 ¼ SE ¼ Section 34, T8N, R62W, and the Bottom Hole Location being located in the NE ¼ of the NE ¼ Section 34, T8N, R62W, both being of the 6th P.M., Weld County, State of Colorado.</p> <ul style="list-style-type: none">• 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.
GEODETIC	LAT.	40.611132°	GEODETIC	LAT.	40.623469°	
STATE PLANE	LONG.	104.299741°	STATE PLANE	LONG.	104.298915°	
CO. NORTH	LAT.	40.611149°	CO. NORTH	LAT.	40.623486°	
DEC. REG.	LONG.	104.299235°	DEC. REG.	LONG.	104.298409°	
GEODETIC	LAT.	40°36'40.08"	GEODETIC	LAT.	40°37'24.49"	
STATE PLANE	LONG.	104°17'59.07"	STATE PLANE	LONG.	104°17'56.09"	
CO. NORTH	LAT.	40°36'40.14"	CO. NORTH	LAT.	40°37'24.55"	
DEC. REG.	LONG.	104°17'57.25"	DEC. REG.	LONG.	104°17'54.27"	
GEODETIC	NORTH	1467732.50	GEODETIC	NORTH	1472229.62	
STATE PLANE	EAST	3333233.35	STATE PLANE	EAST	3333401.72	
CO. NORTH	NORTH	467732.37	CO. NORTH	NORTH	472229.40	
DEC. REG.	EAST	2333382.57	DEC. REG.	EAST	2333550.89	
FOOTAGE: 660' FEL - 290' FSL			FOOTAGE: 689' FEL - 627' FNL			
MEASURE DATE	INSTRUMENT OPERATOR	PDOP	SHL GRND ELEV.			
1/21/2012	ALLEN BLATTEL	1.5	4876.7'			
CONFIDENTIALITY NOTES: The information contained in this plat is legally privileged and confidential information intended only for the use of the recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.						

Professional Land Surveyor Seal for Rodney A. Walters, CO. LS #16847, dated 6-19-12.

WILLIAM H. SMITH & ASSOCIATES P.C. SURVEYING CONSULTANTS 650 EAST SECOND NORTH GREEN RIVER, WY PHONE: 307-875-3638 307-875-3639 www.wsmithpc.com		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	
DRAWN BY: LAL PROJECT NO: 862344H REVISIONS:		CHECKED BY: RAW JOB NO: 2011001					