

MARATHON CROW VALLEY 6-61-16-4H

LOCATED WITHIN SW 1/4 SW 1/4, SECTION 16, T6N, R61W,

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

MEAS. S 89°05'42" W 2642.06'  
REC. N 89°56' W 39.95 CH.

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REC. N 89°56' W 39.95 CH.

FOUND #6 REBAR  
W/ 2.5" ALUMINUM  
CAP L.S. 17492

FOUND #6 REBAR  
W/ 2.5" ALUMINUM  
CAP L.S. 38019

SET #6 REBAR W/  
3.25" ALUMINUM  
CAP L.S. 16847

MEAS. N 01°29'24" W 2633.73'  
REC. NORTH 40.00 CH.

MEAS. N 00°48'26" W 2635.07'  
REC. NORTH 40.00 CH.

SET #6 REBAR W/  
3.25" ALUMINUM  
CAP L.S. 16847

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3.25" ALUMINUM  
CAP L.S. 16847

MEAS. N 00°48'26" W 2635.07'  
REC. NORTH 40.00 CH.

MEAS. N 01°29'24" W 2633.73'  
REC. NORTH 40.00 CH.

FOUND #6  
REBAR NO CAP  
SET 3.25"  
ALUMINUM CAP  
L.S. 16847

FOUND #6  
REBAR NO CAP  
SET 3.25"  
ALUMINUM CAP  
L.S. 16847

MEAS. S 89°03'49" W 2673.45'  
REC. N 89°57' W 39.99 CH.

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REC. N 89°57' W 39.99 CH.

GRADED WELL PAD  
ELEVATION 4678.4'  
EXISTING GROUND  
ELEVATION AT WELL  
SITE 4678.6'

CURRENT LAND USE:  
NON-CROPLAND/RANGELAND  
IMPROVEMENTS:  
NONE  
PLANT COMMUNITIES:  
NATIVE GRASS



**SURFACE HOLE LOCATION**

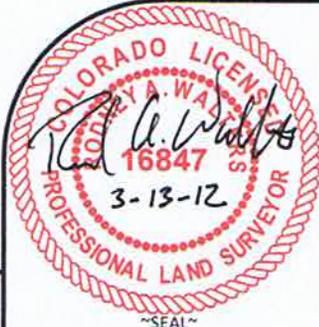
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40.482595°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104.221021°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40.482611°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104.220515°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40°28'57.34"
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104°13'15.67"
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40°28'57.40"
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104°13'13.85"
STATE PLANE CO. NORTH		NORTH	1421215.34
STATE PLANE CO. NORTH		EAST	3355762.68
STATE PLANE CO. NORTH		NORTH	421215.93
STATE PLANE CO. NORTH		EAST	2355912.67

**BOTTOM HOLE LOCATION**

GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40.482687°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104.206174°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40.482703°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104.205668°
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40°28'57.67"
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104°12'22.23"
GEOGRAPHIC CO. NORTH	DEC. DEG.	LAT.	40°28'57.73"
GEOGRAPHIC CO. NORTH	DEC. DEG.	LONG.	104°12'20.41"
STATE PLANE CO. NORTH		NORTH	1421308.89
STATE PLANE CO. NORTH		EAST	3359891.65
STATE PLANE CO. NORTH		NORTH	421309.42
STATE PLANE CO. NORTH		EAST	2360041.77

I, Rodney A. Walters, Professional Land Surveyor, CO. RLS # 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 1st day of March 2012, for the Surface Hole Location and Elevation of Marathon Oil Co. CROW VALLEY 6-61-16-4H being located within SW 1/4 SW 1/4, Section 16, T6N, R61W, and the Bottom Hole Location being located in the SE 1/4 SE 1/4 of Section 16, T6N, R61W, 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 plat approved on the 15th day of February 1881.



FOOTAGE: 739' FWL - 629' FSL		FOOTAGE: 470' FEL - 655' FSL	
MEASURE DATE	INSTRUMENT OPERATOR	PDOP	SHL GRND ELEV.
3/01/2012	ALLEN BLATTEL	1.4	4678.6'

**CONFIDENTIALITY NOTES:**  
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**WILLIAM H. SMITH & ASSOCIATES P.C.**  
SURVEYING CONSULTANTS  
50 EAST SECOND NORTH GREEN RIVER, WY  
PHONE: 307-875-3638  
307-875-3639  
www.wsmithpc.com

DRAWN BY: LAL	CHECKED BY: RAW
PROJECT NO: 661164H	JOB NO: 2011001
REVISIONS:	

**LEGEND**

- FOUND OR SET CORNER
- ⊗ CALCULATED CORNER
- NOTHING FOUND

**LOCATION:**  
CROW VALLEY  
6-61-16-4H  
WITHIN SW/4 SW/4,  
SECTION 16,  
T 6 N, R 61 W,  
6TH PM.  
WELD COUNTY,  
COLORADO

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

**WELL LOCATION PLAT**

SCALE: 1"=1000'	EXHIBIT "A"
DATE: 3/7/2012	SHEET 1 OF 1