



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000

February 20, 2015

Matt Lepore
Director, Colorado Oil and Gas Conservation Commission
Department of Natural Resources
The Chancery Building
1120 Lincoln Street, Suite 801
Denver, CO 80203

Re: **30 Day Certification Letter - 318A.e**
MIRACLE 40C-11HZ (Doc No. 400765751)
Township 5 North, Range 68 West
Section 12: NESE
Unit Acreage: 480 acres
Unit Spacing: 05N-68W-Sec 11 SENE, NESE
05N-68W-Sec 12 S2N2, N2S2
05N-67W-Sec 07 NWSW, SWNW
Larimer County, Colorado

Dear Director Lepore:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies that a thirty (30) day notice has been given by certified mail to all mineral owners in the proposed wellbore spacing unit. We have not received any objections to such well location, proposed spacing unit, or additional producing formation. KMG hereby respectfully requests approval of this boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Sincerely,

Kerr-McGee Oil and Gas Onshore LP

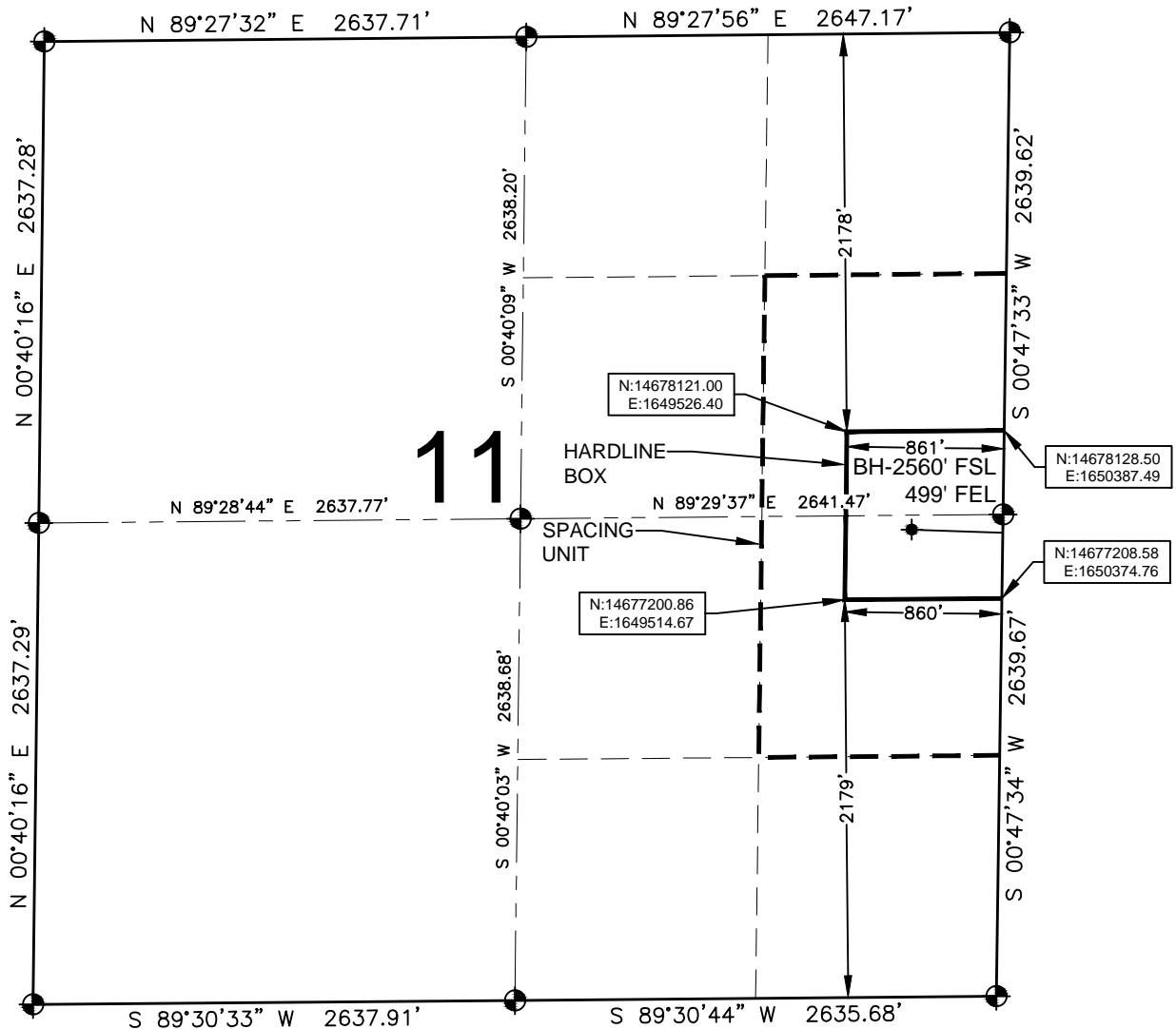
A handwritten signature in blue ink that reads 'RPowers'.

Ronett Powers
Regulatory Analyst II

Enclosure

HARDLINE EXHIBIT: MIRACLE 40C-11HZ

SECTION 11, TOWNSHIP 5 NORTH, RANGE 68 WEST, 6TH P.M.



LEGEND

- = EXISTING MONUMENT ✕ = BOTTOM HOLE
● = PROPOSED HEEL BH = BOTTOM HOLE

HEEL LOCATION

UTM13
LATITUDE= 40.413689°
LONGITUDE= 104.944716°

LATITUDE= 40°24'49.279"
LONGITUDE= 104°56'40.977"

QRT/QRT SECTIONS WITHIN PATH OF THE HARDLINE

NESE, SEC. 11
SENE, SEC. 11

BOTTOM HOLE LOCATION

NAD83
LATITUDE= 40.414246°
LONGITUDE= 104.965999°

LATITUDE= 40°24'51.286"
LONGITUDE= 104°57'57.596"

AVAILABLE FOOTAGE

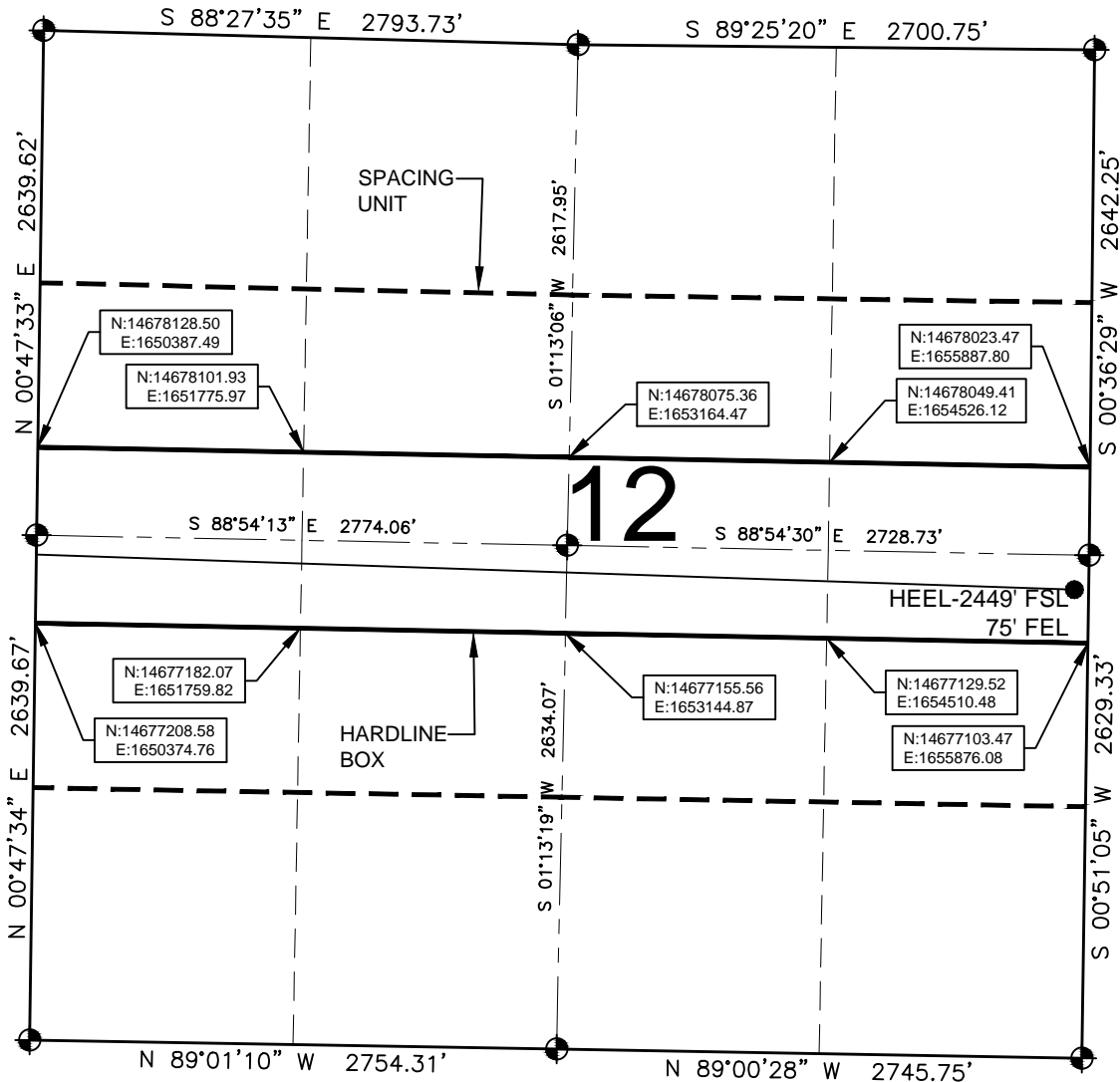
7093'

NOTES:

1. THIS DOCUMENT IS NOT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT. THIS DOCUMENT DOES NOT REFLECT A FIELD SURVEY. SECTION BREAKDOWN, MONUMENTATION AND HORIZONTAL POSITIONS SHOWN ARE BASED ON THE HEEL AND BOTTOM HOLE LOCATION PROVIDED BY ANADARKO PETROLEUM CORPORATION

HARDLINE EXHIBIT: MIRACLE 40C-11HZ

SECTION 12, TOWNSHIP 5 NORTH, RANGE 68 WEST, 6TH P.M.



LEGEND

- = EXISTING MONUMENT ● = BOTTOM HOLE
● = PROPOSED HEEL BH = BOTTOM HOLE

QRT/QRT SECTIONS WITHIN PATH OF THE HARDLINE

NWSW, SEC. 12 SWNW, SEC. 12
NESW, SEC. 12 SENW, SEC. 12
NWSE, SEC. 12 SWNE, SEC. 12
NESE, SEC. 12 SENE, SEC. 12

NOTES:

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SECTION 7, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M.



QRT/QRT SECTIONS WITHIN PATH OF THE HARDLINE

NOTES:

PREPARED BY:

PFS  LLC
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

SHEET 3 OF 3

DRAWING DATE: 12-22-14		HEEL LOCATION: NE 1/4 SE 1/4, SEC. 12, T5N, R68W, 6TH P.M. LARIMER COUNTY, COLORADO
BY: SMF	CHECKED: MDCL	

