



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

March 16, 2017

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**
SWARTZ 1C-25HZ (API # 05-123-42836)
Township 2 North, Range 65 West
Section 13: SE/4SE/4
Unit Acreage: 360
Unit Spacing: 02N-65W-Sec 13 SE/4SE/4
02N-65W-Sec 24 E/2E/2
02N-65W-Sec 25 E/2NE/4; NE/4SE/4
Weld 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.

Very truly yours,

KERR-McGEE OIL AND GAS ONSHORE LP

A handwritten signature in blue ink that reads 'Cheryl Light'.

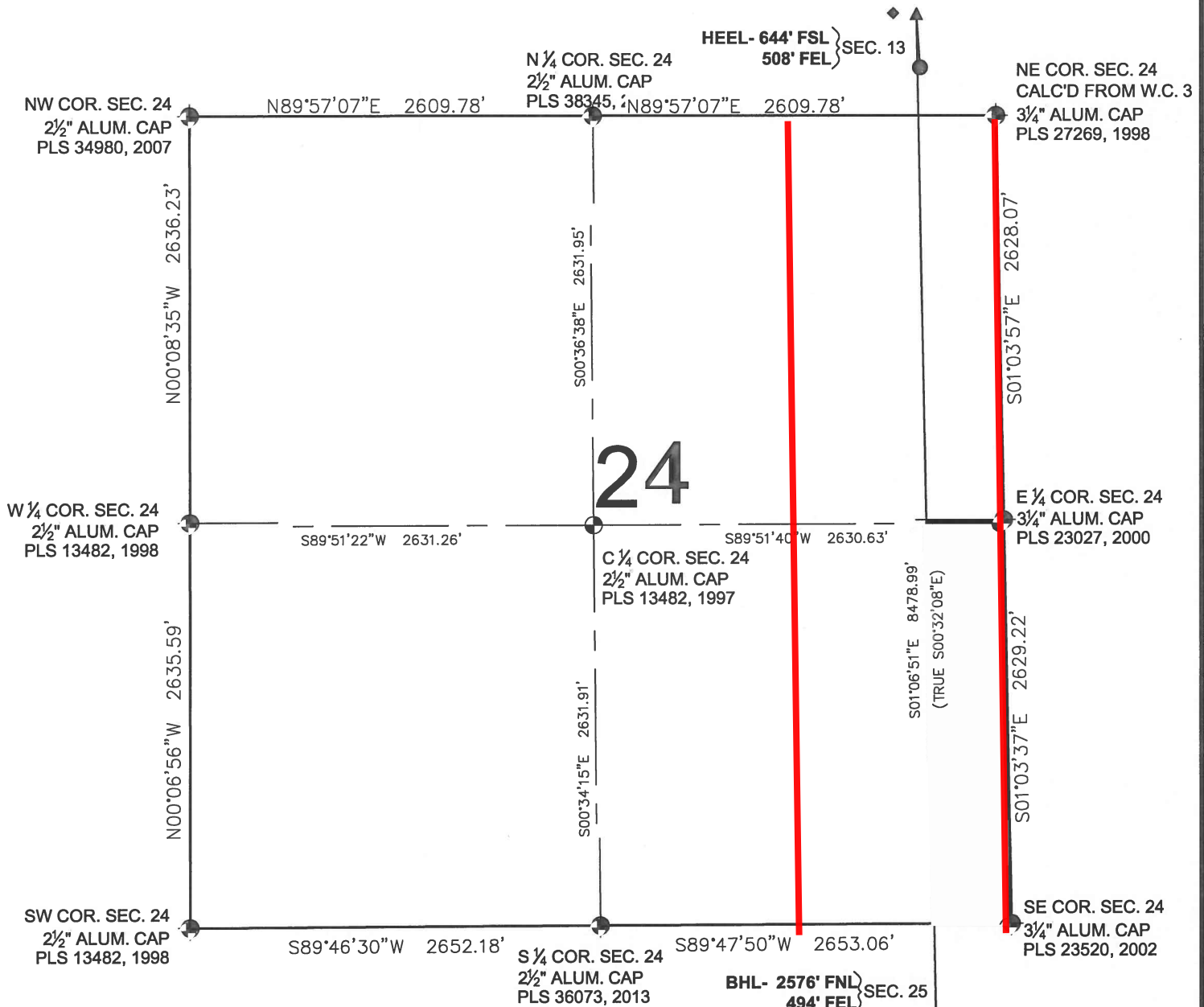
Cheryl Light
Senior Regulatory Analyst

PROPOSED SPACING UNIT

Anadarko
Petroleum Corporation

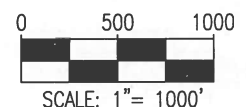
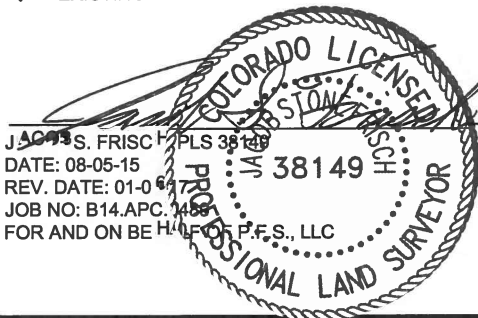
SWARTZ 1C-25HZ WELL LOCATION CERTIFICATE

PROPOSED SPACING UNIT



LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ✦ = BOTTOM HOLE
- ▲ = HEEL
- BHL = BOTTOM HOLE LOCATION



NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 13, BEARS S89°36'50"E BETWEEN THE MONUMENTS SHOWN HEREON.
- GRID DISTANCES ARE SHOWN, AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
- ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- CERTIFIED AUGUST 5, 2015 FOR WELLS STAKED ON JANUARY 5, 2015. REVISED JANUARY 6, 2017 FOR HEEL AND BHL CHANGES.

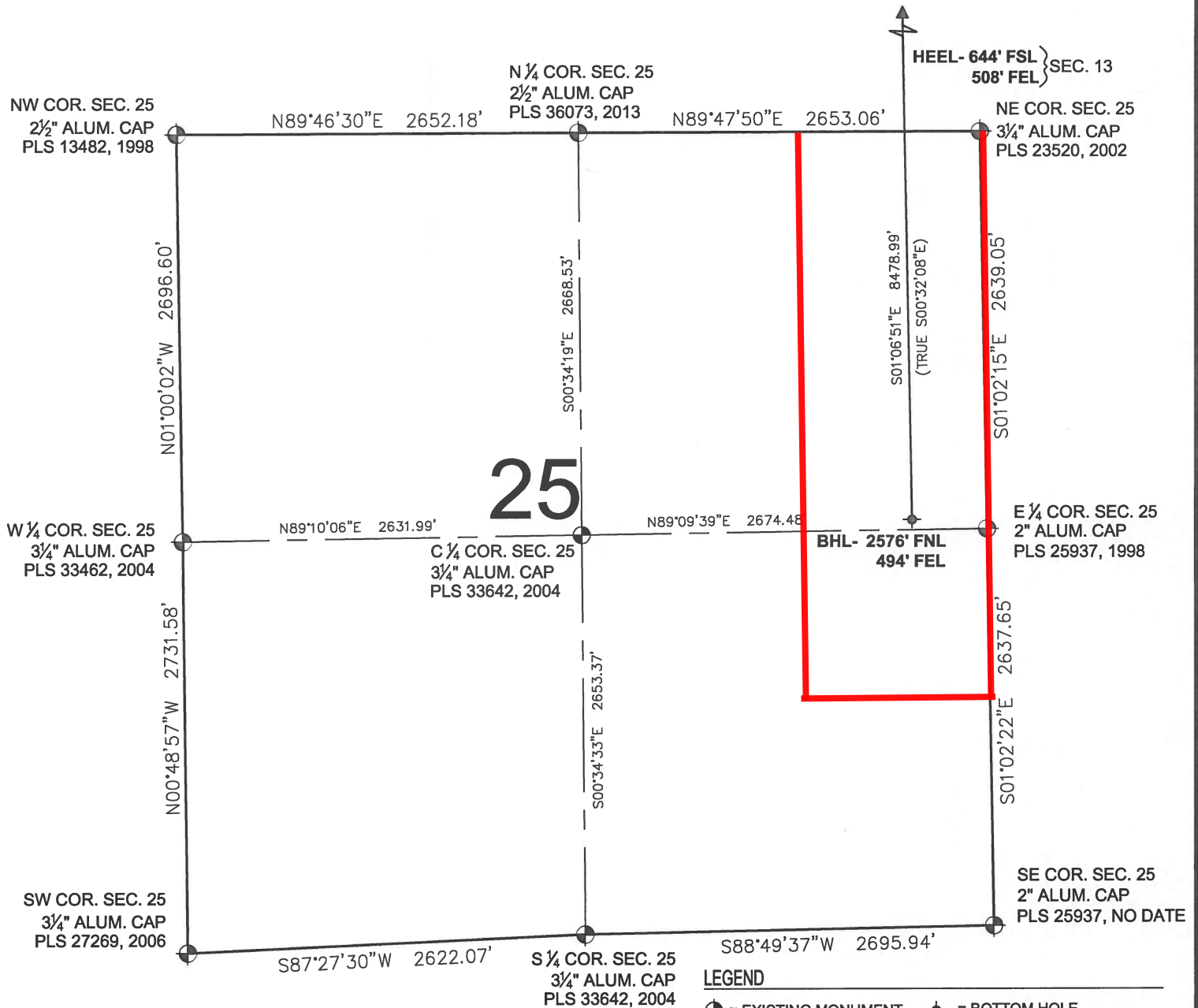
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

SHEET 2 OF 3

PREPARED BY: 	FIELD DATE: 01-05-15	WELL NAME: SWARTZ 1C-25HZ	PREPARED FOR:
	DRAWING DATE: 01-05-17	SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 13 T2N, R65W, 6TH P.M.	
BY: MDC	CHECKED BY: MLP	WELD COUNTY, COLORADO	

SWARTZ 1C-25HZ WELL LOCATION CERTIFICATE

PROPOSED SPACING UNIT

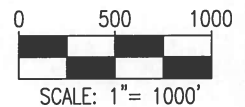
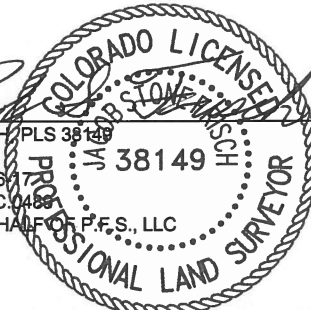


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JACOB S. FRISCH PLS 38149
DATE: 08-05-15
REV. DATE: 01-06-17
JOB NO: B14.APC.0488
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 3 OF 3

PREPARED BY:



FIELD DATE:

01-05-15

DRAWING DATE:

01-05-17

BY:

MDC

CHECKED BY:

MLP

WELL NAME:

SWARTZ 1C-25HZ

SURFACE LOCATION:

SE 1/4 SE 1/4 SEC. 13 T2N, R65W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:

