



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

December 23, 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**
SWARTZ 26N-25HZ (Doc No. 400922750)
Township 2 North, Range 65 West
Section 13: SESE
Unit Acreage: 480 acres
Unit Spacing: 2N65W SEC13: SESE
2N65W SEC 24: E2E2
2N65W SEC 25: NENE
2N64W SEC 18: SWSW
2N64W SEC 19: W2W2
2N64W SEC 30: NWNW
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 our office.

Sincerely,

Kerr-McGee Oil and Gas Onshore LP

A handwritten signature in blue ink, appearing to read 'Craig Richardson'.

Craig Richardson
Regulatory Analyst II

Enclosure

WELL LOCATION CERTIFICATE: SWARTZ 26N-25HZ

SECTION 13, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

NW COR. SEC. 13 2" ALUM. CAP PLS 25937, 1996
 S 89°36'41" E 2594.89' S 89°36'50" E 2594.45' NE COR. SEC. 13 3/4" ALUM. CAP PLS 23520, 2002

N 1/4 COR. SEC. 13 2" ALUM. CAP PLS 25937, 1996

(BASIS OF BEARINGS) SEE NOTE 2

N 00°08'29" W 2648.40'

SURFACE LOCATION
 GROUND ELEVATION= 4956'
 NAD83 STATE PLANE CO N
 LATITUDE= 40.131976°
 LONGITUDE= 104.604473°

NOTES:
 BH AND HEEL
 LOCATIONS PROVIDED BY CLIENT.
 SEE ATTACHED MAP FOR ADDITIONAL
 IMPROVEMENTS WITHIN 500'.

LATITUDE= 40°07'55.113"
 LONGITUDE= 104°36'16.104"

PDOP= 1.5
 GPS OPERATOR: BEN HARDENBERGH

HEEL LOCATION
 NAD83 STATE PLANE CO N
 LATITUDE= 40.133142°
 LONGITUDE= 104.603158°

LATITUDE= 40°07'59.311"
 LONGITUDE= 104°36'11.368"

S 00°23'01" E 2634.34'

S 00°34'00" E 2625.00'

W 1/4 COR. SEC. 13 3/4" ALUM. CAP PLS 10855, 1998

S 89°55'24" E 2605.94'

S 89°49'20" E 2602.73'

E 1/4 COR. SEC. 13 3/4" ALUM. CAP PLS 27269, 2004

BOTTOM HOLE LOCATION
 NAD83 STATE PLANE CO N
 LATITUDE= 40.115699°
 LONGITUDE= 104.602930°

C 1/4 COR. SEC. 13 3/4" ALUM. CAP PLS 24307, 2006

LATITUDE= 40°06'56.516"
 LONGITUDE= 104°36'10.548"

N 00°17'38" W 2640.01'

S 00°22'42" E 2634.36'

S 00°32'03" E 2624.15'

HEEL- 738' FSL
 60' FEL

N 40°18'28" E 561.91'
 (TRUE N 40°53'11" E)

SWARTZ 26N-25HZ

S 1/4 COR. SEC. 13 2 1/2" ALUM. CAP PLS 38345, 2013

S 89°57'07" W 2609.78'
 S 01°09'15" E 6354.42'
 (TRUE S 00°34'29" E)

SE COR. SEC. 13 CALC'D FROM W.C. 30' E 3/4" ALUM. CAP PLS 27269, 1998

SW COR. SEC. 13 2 1/2" ALUM. CAP PLS 34980, 2007

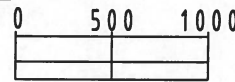
S 89°57'07" W 2609.78'

BH-359' FNL
 43' FEL

LEGEND

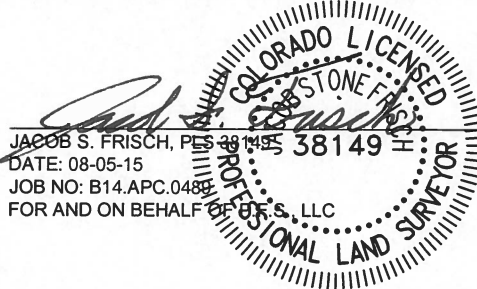
- = EXISTING MONUMENT
- = PROPOSED WELL
- BH = BOTTOM HOLE
- ◆ = BOTTOM HOLE
- ▲ = HEEL LOCATION
- = CALCULATED POSITION

WELL SWARTZ 26N-25HZ TO BE LOCATED 310' FSL AND 427' FEL



- 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 DESCRIBED HEREON.
 - GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
 - ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
 - ORIGINAL WELL STAKING COMPLETED ON JANUARY 5, 2015. SECTION MONUMENTS VERIFIED 5/2013.

I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.



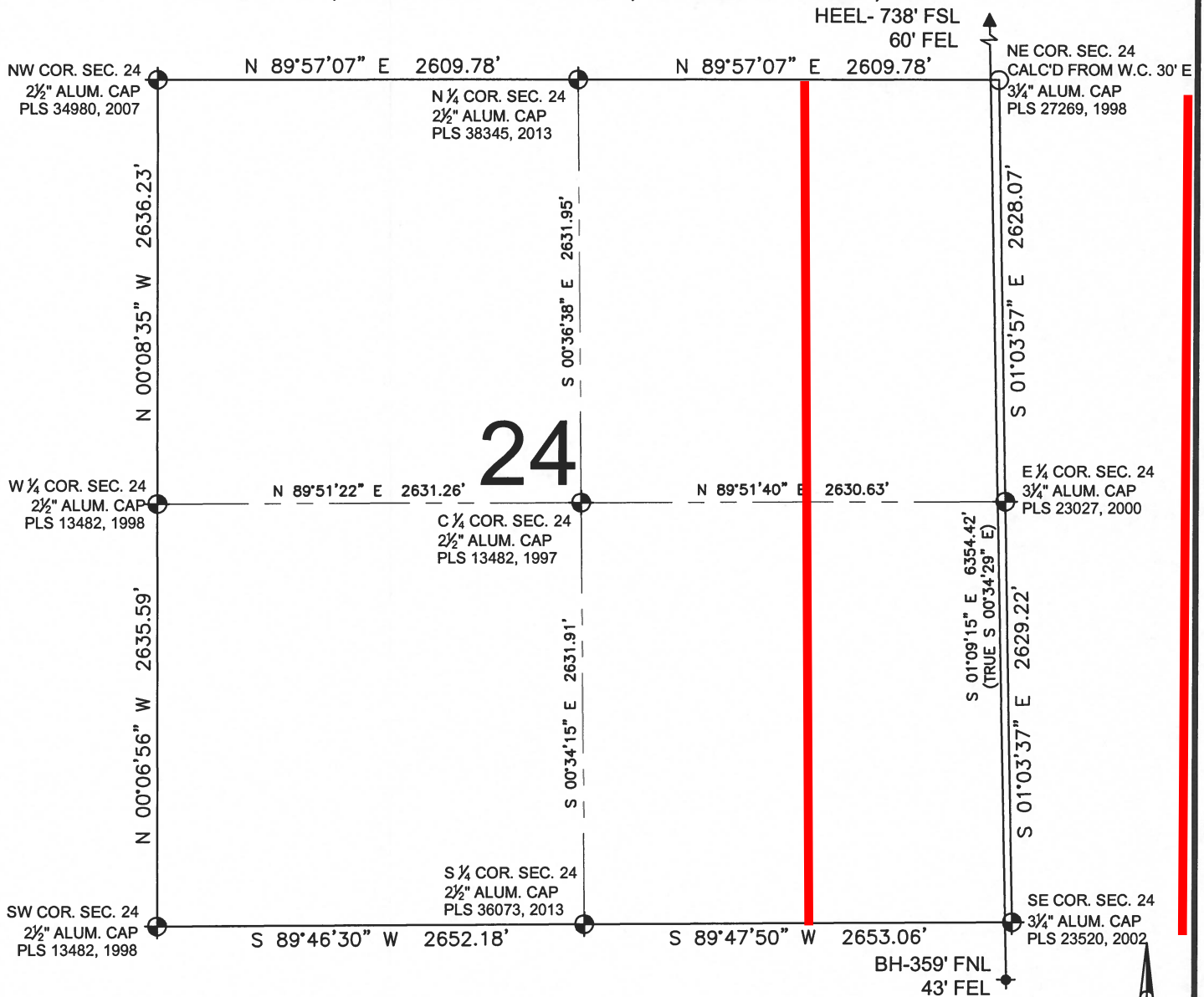
SHEET 1 OF 3

PREPARED BY: Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 01-05-15	SURFACE LOCATION: SE 1/4 SE 1/4,
	DRAWING DATE: 08-04-15	SEC. 13, T2N, R65W, 6TH P.M.
BY: TJN	CHECKED: WDW	WELD COUNTY, COLORADO

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.

WELL LOCATION CERTIFICATE: SWARTZ 26N-25HZ

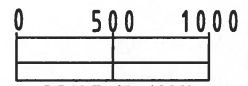
SECTION 24, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



24

LEGEND

- ⊕ = EXISTING MONUMENT
- = PROPOSED WELL
- BH = BOTTOM HOLE
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- = CALCULATED POSITION

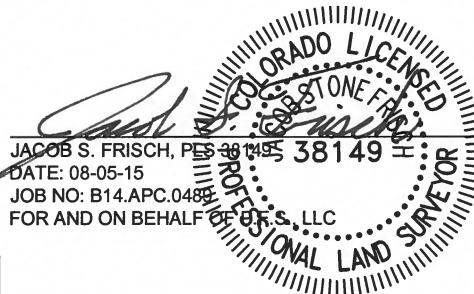


NOTES:

- 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 DESCRIBED HEREON.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
- ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
- ORIGINAL WELL STAKING COMPLETED ON JANUARY 5, 2015. SECTION MONUMENTS VERIFIED 5/2013.

SHEET 2 OF 3

PREPARED BY: PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 01-05-15 DRAWING DATE: 08-04-15 BY: TJN CHECKED: WDW	SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 13, T2N, R65W, 6TH P.M. WELD COUNTY, COLORADO
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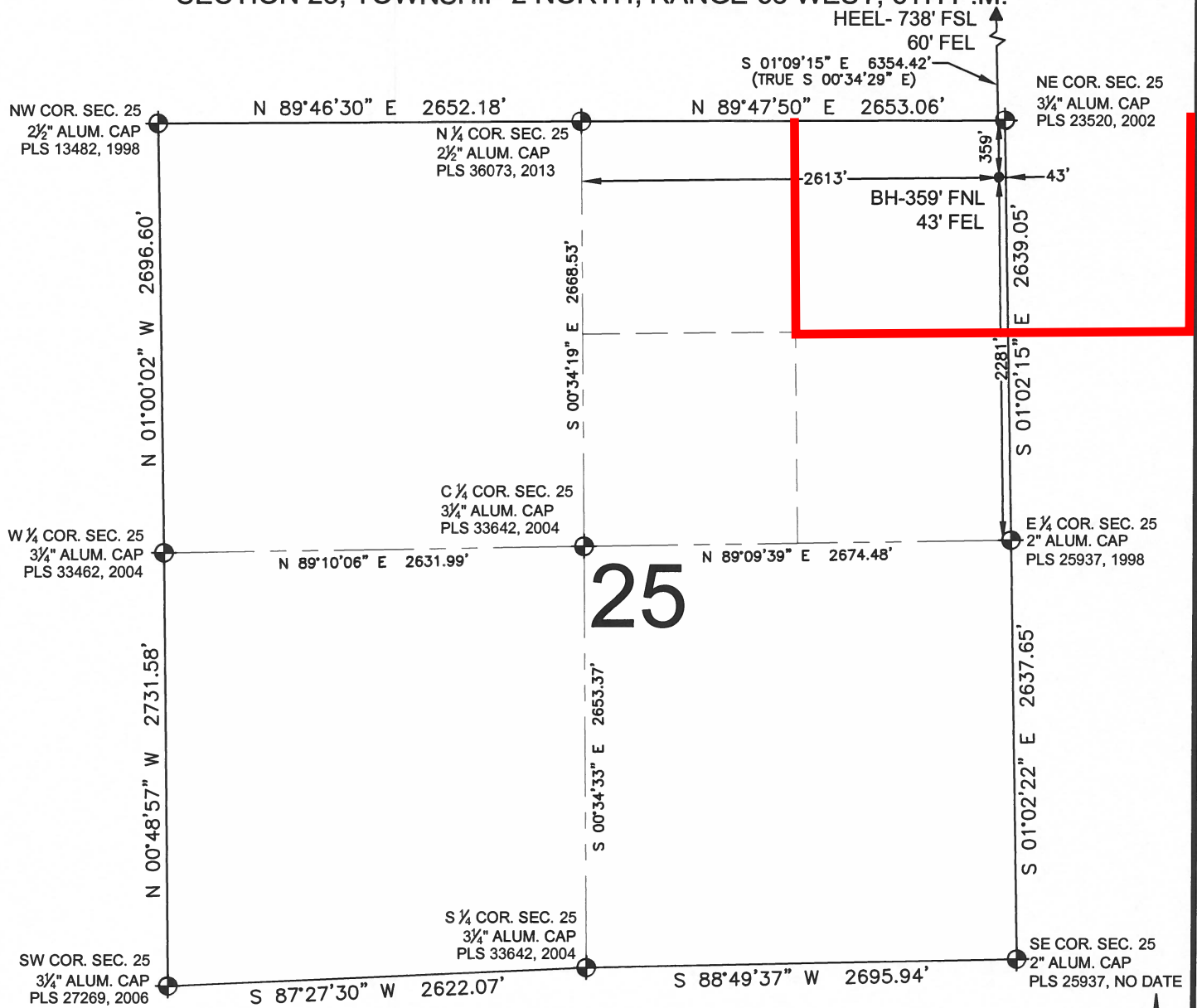


JACOB S. FRISCH, PLS 38149, 38149
DATE: 08-05-15
JOB NO: B14.APC.0489
FOR AND ON BEHALF OF PFS, LLC

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.

WELL LOCATION CERTIFICATE: SWARTZ 26N-25HZ

SECTION 25, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

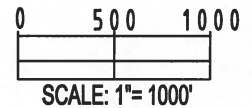


NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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 DESCRIBED HEREON.
3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
4. ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
5. ORIGINAL WELL STAKING COMPLETED ON JANUARY 5, 2015. SECTION MONUMENTS VERIFIED 5/2013.

LEGEND

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- = PROPOSED WELL
- BH = BOTTOM HOLE
- ◆ = BOTTOM HOLE
- ▲ = HEEL LOCATION
- = CALCULATED POSITION



25

SHEET 3 OF 3

PREPARED BY: PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 01-05-15 DRAWING DATE: 08-04-15 BY: TJN CHECKED: WDW	SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 13, T2N, R65W, 6TH P.M. WELD COUNTY, COLORADO
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JACOB S. FRISCH, PLS 38149
 DATE: 08-05-15
 JOB NO: B14.APC.0489
 FOR AND ON BEHALF OF PFS, LLC

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