



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

June 26, 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**
THERMO 15C-33HZ (Doc No. 400855388)
Township 2 North, Range 66 West
Section 33: SENE
Unit Acreage: 400 acres
Unit Spacing: 02N-66W-Sec 28 SESW, SWSE
02N-66W-Sec 33 E2W2, W2E2
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 that reads "R Powers".

Ronett Powers
Regulatory Analyst II

Enclosure

PROPOSED SPACING UNIT

T2N, R66W

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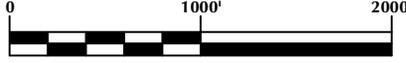
33

THERMO 15C-33HZ
SURFACE LOCATION

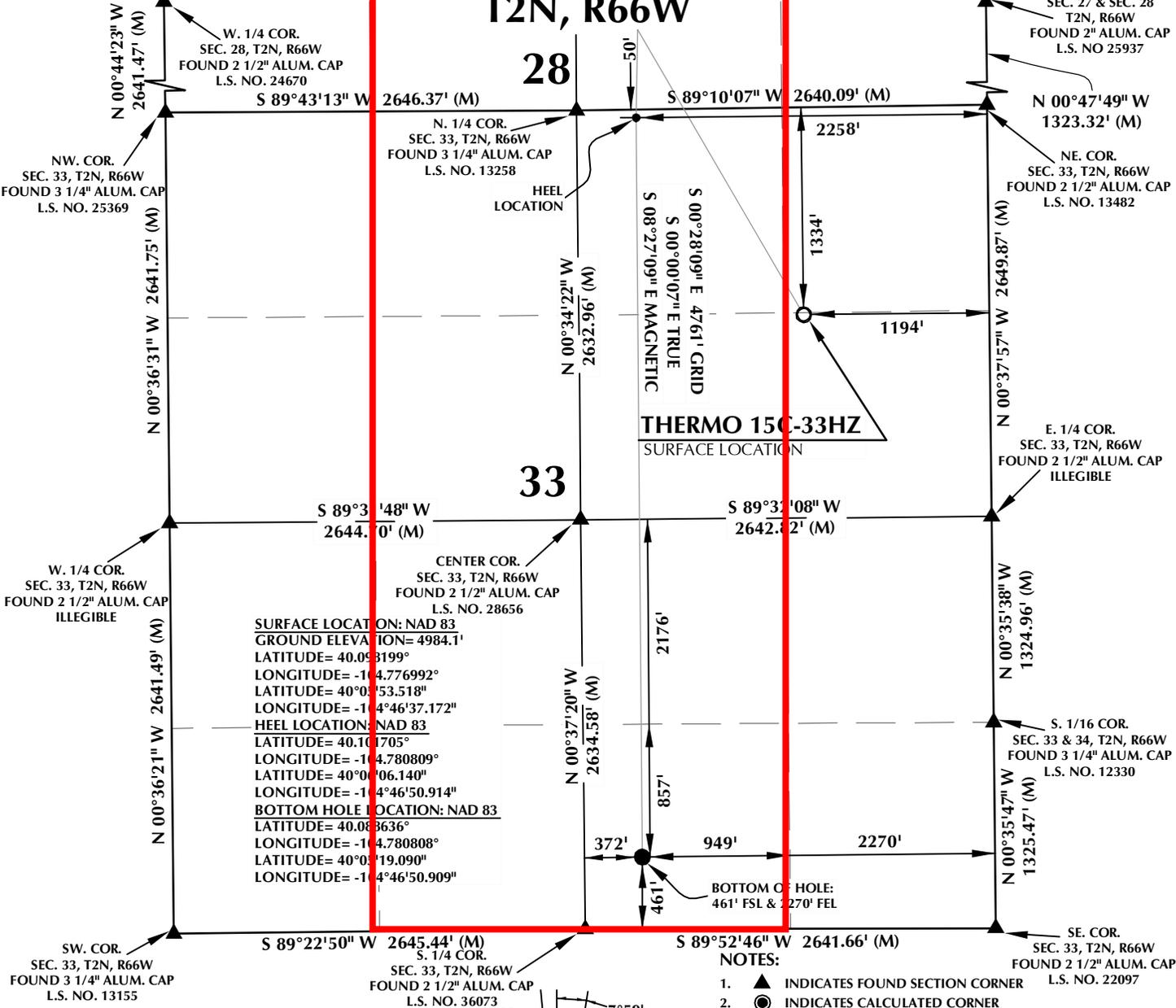
BOTTOM OF HOLE:
461' FSL & 2270' FEL

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4984.1'
LATITUDE= 40°05'199"
LONGITUDE= -104°47'6992"
LATITUDE= 40°05'53.518"
LONGITUDE= -104°46'37.172"
HEEL LOCATION: NAD 83
LATITUDE= 40°10'1705"
LONGITUDE= -104°47'80809"
LATITUDE= 40°06'06.140"
LONGITUDE= -104°46'50.914"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40°06'636"
LONGITUDE= -104°47'80808"
LATITUDE= 40°05'19.090"
LONGITUDE= -104°46'50.909"

- NOTES:**
- ▲ INDICATES FOUND SECTION CORNER
 - INDICATES CALCULATED CORNER
 - ELEVATION BASED ON NAVD88 (GEOID09)
 - BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
 - ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972543
 - OPERATOR: ROB WILSON / PDOP = 1.4
 - SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
 - WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
 - THE BOTTOM OF HOLE BEARS S00°28'09"E 4761' FROM THE HEEL LOCATION.



SCALE: 1" = 1000'



CERTIFICATE OF SURVEYOR:

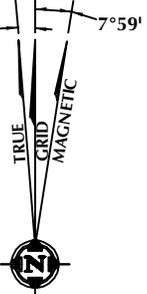
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Benjamin J. Reenders
PROFESSIONAL LAND SURVEYOR
4/10/15

BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 4332

NOTICE:
ACCORDING TO COLORADO STATE 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 THE DATE ON THE CERTIFICATION SHOWN HEREON.

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 01/07/2015.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



WELL PAD - THERMO 37N-33HZ

THERMO 15C-33HZ
WELL LOCATION CERTIFICATE
1334' FNL & 1194' FEL SENE (SURFACE)
50' FNL & 2258' FEL NWNE (HEEL)
461' FSL & 2270' FEL SWSE (BOTTOM)
LOCATED IN SECTION 33
T2N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

Kerr-McGee Oil & Gas Onshore L.P.
1099 18th Street
Denver, Colorado 80202



CONSULTING, LLC

SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

DRAFTED BY:	MDZ	CHECKED BY:	BJR
DATE DRAFTED:	4/10/15	DATE SURVEYED:	12/4/14
REVISED:		FILE NAME:	14-67