

Z:\PROJECTS\1319-01\_BONANZA\5N-61W\DWG\PRONGHORN J-8\PRONGHORN J-8 CERTS 2-26-18.dwg SAVED DATE 2018-02-26 14:21

3.25" AC LS 7242  
LAT 40.42268°N  
LONG 104.24290°W

3.25" AC 38106  
LAT 40.42287°N  
LONG 104.22367°W

N89°14'24"E - 5352.86'

MID LATERAL TARGET  
0' FNL  
1983' FWL

N01°09'42.82"W  
4704.3

T.5N R.61W  
8

N66°24'37.27"E  
723.7

TARGET 1  
531'FSL; 2007'FWL

3.25" AC LS 7242  
LAT 40.40854°N  
LONG 104.24268°W

N89°30'29"E - 5350.92'

3.25" AC 7242  
LAT 40.40845°N  
LONG 104.22367°W

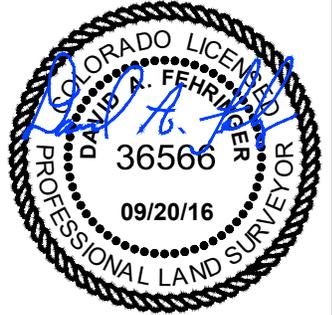
S00°52'10"E - 5225.77'

S00°50'50"E - 5250.81'

NOTE:  
UNDER COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS CERTIFICATE WITHIN THREE YEARS AFTER DEFECT IS DISCOVERED. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEAR AFTER DATE OF THIS CERTIFICATE SHOWN HEREON (13-80105 C.R.S.)

- NOTES:
- ALL BEARINGS ARE GRID BASED UPON THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD83(2011) DERIVED FROM POST-PROCESSED STATIC GPS OBSERVATIONS.
  - DISTANCES ARE ON GRID
  - VERTICAL DATUM IS NAVD88 BASED UPON GPS OBSERVATIONS
  - PDOP VALUE EQUALS 2.0.
  - GPS OPERATOR: MARC MAYER 9-7-16.
  - GROUND ELEVATION AT WELLHEAD = 4605'
  - ALL SECTION LENGTHS ARE MEASURED DISTANCES UNLESS NOTED BY (R), RECORD BEARING AND DISTANCE.
  - NEAREST CULTURAL DISTANCES  
BUILDINGS: 5280' +  
BUILDING UNIT: 5280' +  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: 230'+/-  
ABOVE GROUND UTILITY: 293' +/-  
RAILROAD: 5280'+  
PROPERTY LINE: 247' +/-

CERTIFICATE OF SURVEYOR:  
I, DAVID A. FEHRINGER OF LANDER, WYOMING HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED FROM NOTES TAKEN DURING AN ACTUAL SURVEY ON SEPTEMBER 7, 2016; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC. PRONGHORN 24-8-5XRLNB AS STAKED DURING SAID SURVEY. THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY OR AN IMPROVEMENT LOCATION PLAT AND SHOULD NOT BE USED FOR THE ESTABLISHMENT OF BOUNDARY LINES.

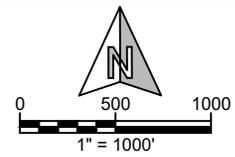


4	NAD 83		STATE PLANE COORDINATES	
	LATITUDE(N)	LONGITUDE(W)	NORTHING	EASTING
24-8-5XRLNB	40.4091939	104.2380972	1394410	3351393
SURFACE	40.4091939	104.2380972	1394410	3351393
TARGET 1	40.4099629	104.2356758	1394700	3352064
MID LATERAL	40.4228759	104.2357775	1399403	3351968
BOTTOM HOLE	40.4361611	104.2359031	1404242	3351864

PAD CORNERS	NAD 83	
	LATITUDE(N)	LONGITUDE(W)
PH J-8 PAD		
NW	40.4100867	104.2394093
NE	40.4100652	104.2374344
SE	40.4087477	104.2374589
SW	40.4087692	104.2394338



**WILLIAM H. SMITH & ASSOCIATES, Inc.**  
155 N. 1st Street  
Lander, WY 82520  
Phone: 307-335-5646



Drawn By: DAF  
Job No.: 15043  
Revision: Move north well row to south well row MM 2/26/18

Checked By: MAM  
Date: 09/20/16

IF BAR LENGTH DOES NOT EQUAL 1"(ONE INCH), THIS PAGE WAS NOT PLOTTED TO THE INTENDED SCALE.

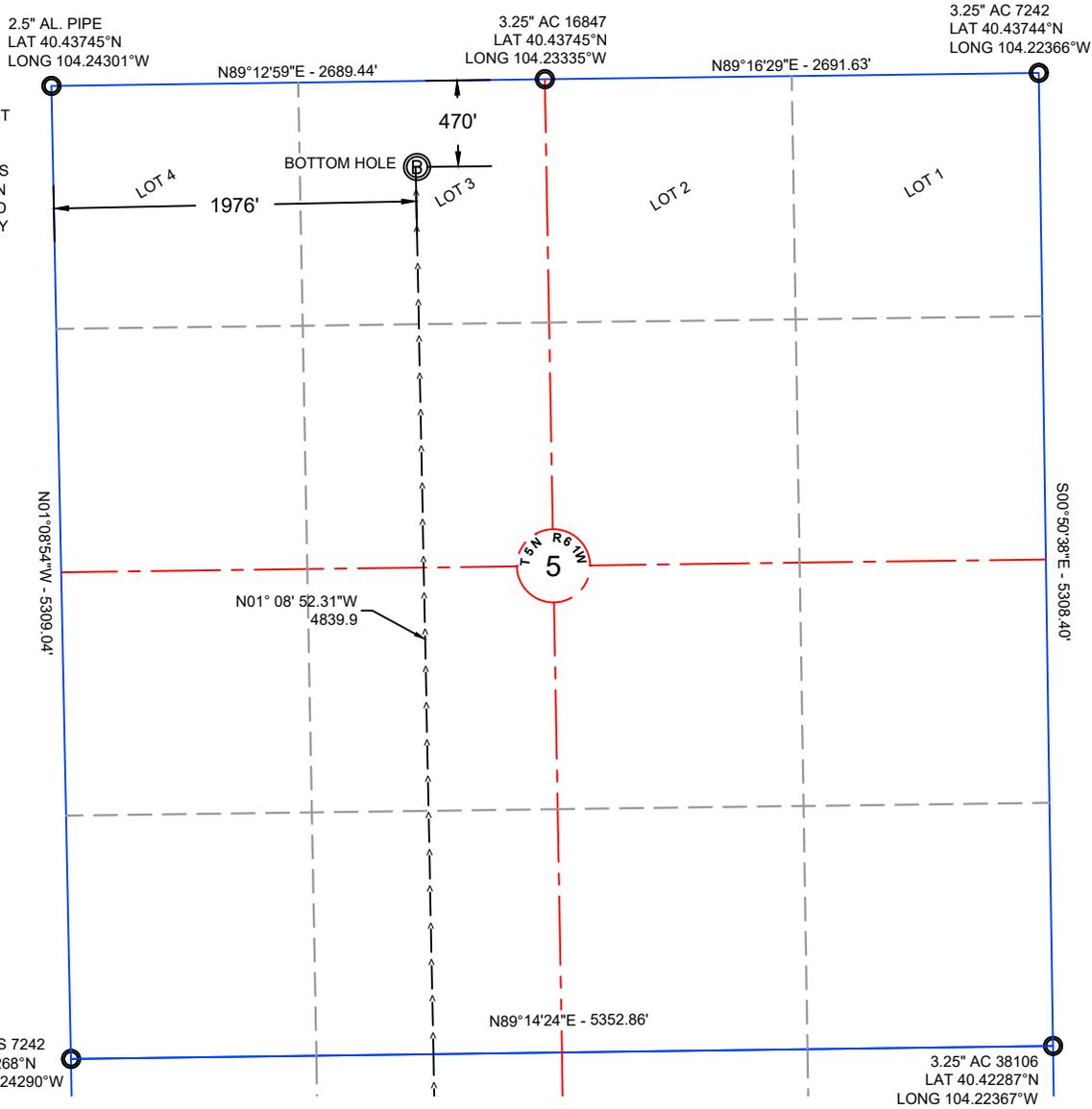
LOCATION CERTIFICATE  
PRONGHORN  
24-8-5XRLNB  
SURFACE HOLE  
SW¼ SW¼, SECTION 8,  
T.5N., R.61W., 6th PM  
WELD COUNTY, COLORADO

**BONANZA CREEK**  
410 17th Street  
Denver, CO 80202  
(720) 440-6100

SHEET  
1  
OF  
2

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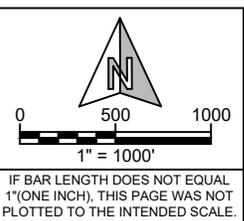
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**LOCATION CERTIFICATE**  
 PRONGHORN  
 24-8-5XRLNB  
 BOTTOM HOLE  
 NE¼NW¼ (L3), SECTION 5,  
 T.5N., R.61W., 6th PM  
 WELD COUNTY, COLORADO

**BONANZA CREEK**  
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 Denver, CO 80202  
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