

Leases	
A	Patricia Ann Heintzman
B	Nina & Phillip Whitefield
C	Patricia Ann Heintzman
D	Norma Smith
E	BRC Appalachian Minerals I, LLC
F	Dennis R. Heintzman, et ux
G	Charles Jobes
H	BRC Appalachian Minerals I, LLC
I	Harold Skinner
J	James D. VanCamp, et al
K	Brenda L. Martin
L	Antero Minerals, LLC
M	James D. VanCamp, et al

TOP HOLE LATITUDE 39 - 32 - 30  
 BTM HOLE LATITUDE 39 - 35 - 00

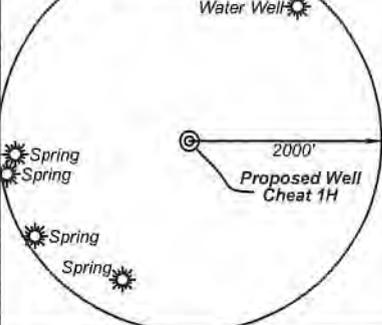
Notes  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Cheat Unit 1H Top Hole coordinates are  
 N: 382,181.50' Latitude: 39°32'28.38"  
 E: 1,613,466.06' Longitude: 80°52'14.32"  
 Bottom Hole coordinates are  
 N: 386,729.43' Latitude: 39°33'13.08"  
 E: 1,611,869.26' Longitude: 80°52'35.59"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,376,855.356m N: 4,378,232.780m  
 E: 511,130.192m E: 510,620.630m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

Notes:  
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 Point of Entry Coordinates  
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 E: 1,676,735.39'  
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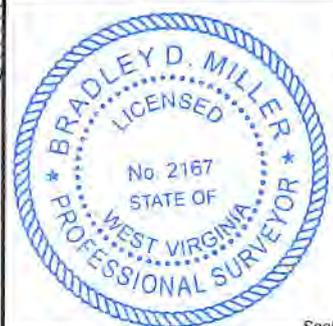
Bearing	Dist.
L1	S 63°18' E 1,414.6'
L2	N 04°30' E 1,292.9'
L3	N 61°47' E 529.4'
L4	N 88°35' E 684.7'
L5	N 57°26' W 175.8'

- Legend**
- ⊙ Proposed gas well
  - ⊗ Found corner, as noted
  - ⊙ Existing Well, as noted
  - ⊙ Digitized Well
  - Existing Road
  - Surface boundary (approx.)
  - - - Interior surface tracts (approx.)

Note: 1 water wells and 4 springs were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



ID	TM/Par	Owner	DB/PG	Acres
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2	10-3	Kevin S. & Melinda S. Goff	597 / 808	53.75
3	10-1	Patricia Ann Heintzman	150 / 15	48.50
4	6-36	Dennis & Clista Heintzman	297 / 640	417.60
5	6-35.2	Stephen & Andrea Knowlton	224 / 77	29.02
6	6-35.4	Stephen & Andrea Knowlton	340 / 412	17.46
7	6-35.3	Stephen & Andrea Knowlton	224 / 77	3.00
8	6-24	Harold Skinner	204 / 595	62.18
9	6-16.2	Stephen J. & Andria Knowlton	211 / 375	13.30
10	6-16.3	Michael L. Roberts	407 / 45	14.81
11	6-25.1	Kevin Lee Fletcher	328 / 723	5.76
12	6-15	James D. Vancamp, et al	W38 / 144	47.50
13	6-16.4	Michael L. Roberts	407 / 45	27.74
14	6-35.1	Stephen & Andrea Knowlton	289 / 20	13.32



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167

FILE NO: 44-54-E-19  
 DRAWING NO: Cheat 1H Well Plat  
 SCALE: 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OIL AND GAS DIVISION

DATE: November 5 2020  
 OPERATOR'S WELL NO. Cheat 1H  
 API WELL NO. HGA  
 47 - 095 - 02719  
 STATE COUNTY PERMIT

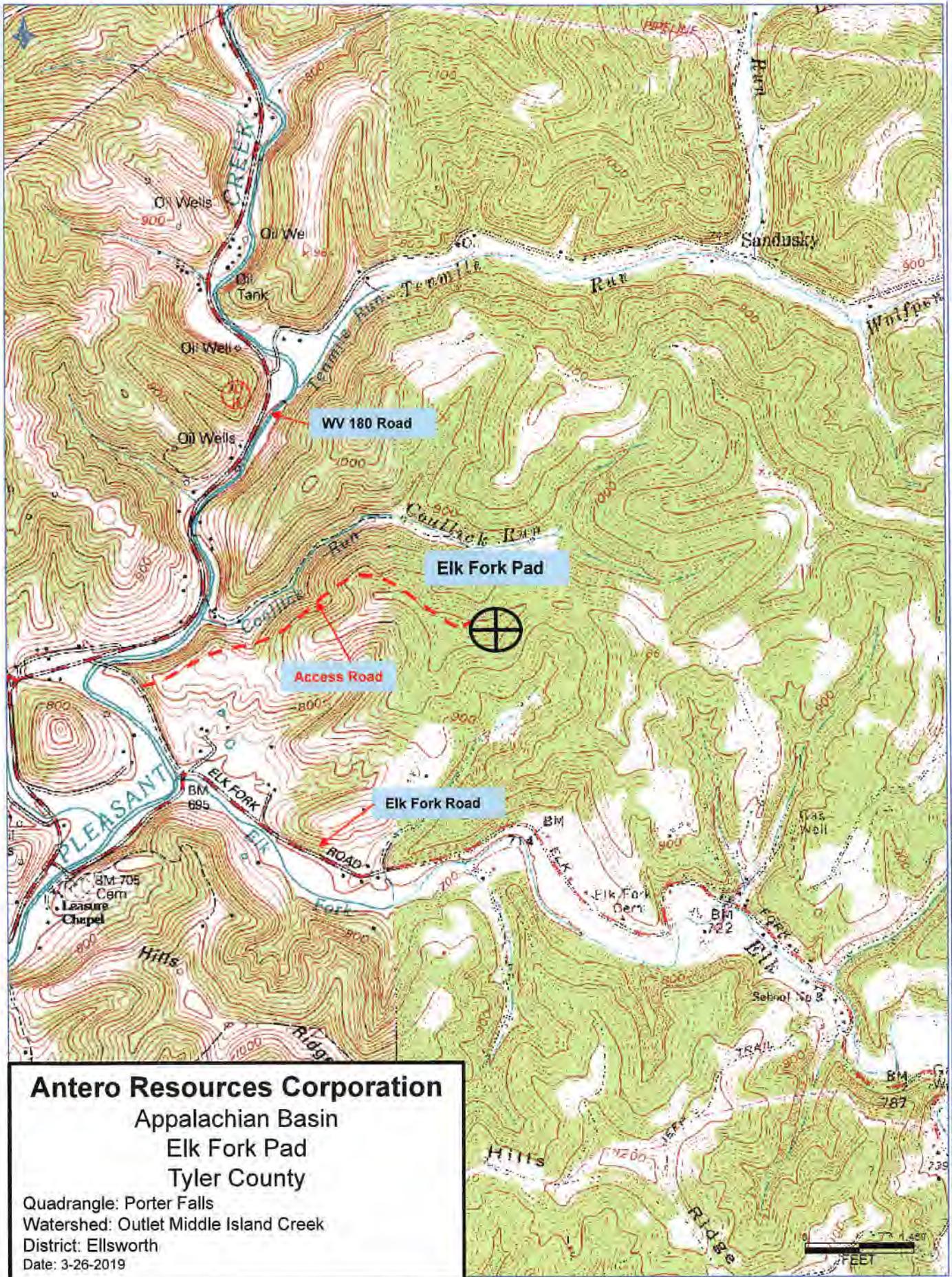
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built 1,126' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls  
 DISTRICT: Ellsworth COUNTY: Tyler

SURFACE OWNER: Patricia Ann Heintzman; Harold Skinner; BRC Appalachian Minerals I, LLC; ACREAGE: 73.26 62.18; 76.25; 33.8125;  
 ROYALTY OWNER: Patricia Ann Heintzman; Norma Smith; Dennis R. Heintzman, et ux; LEASE NO: ACREAGE: 93.6985; 98.2;

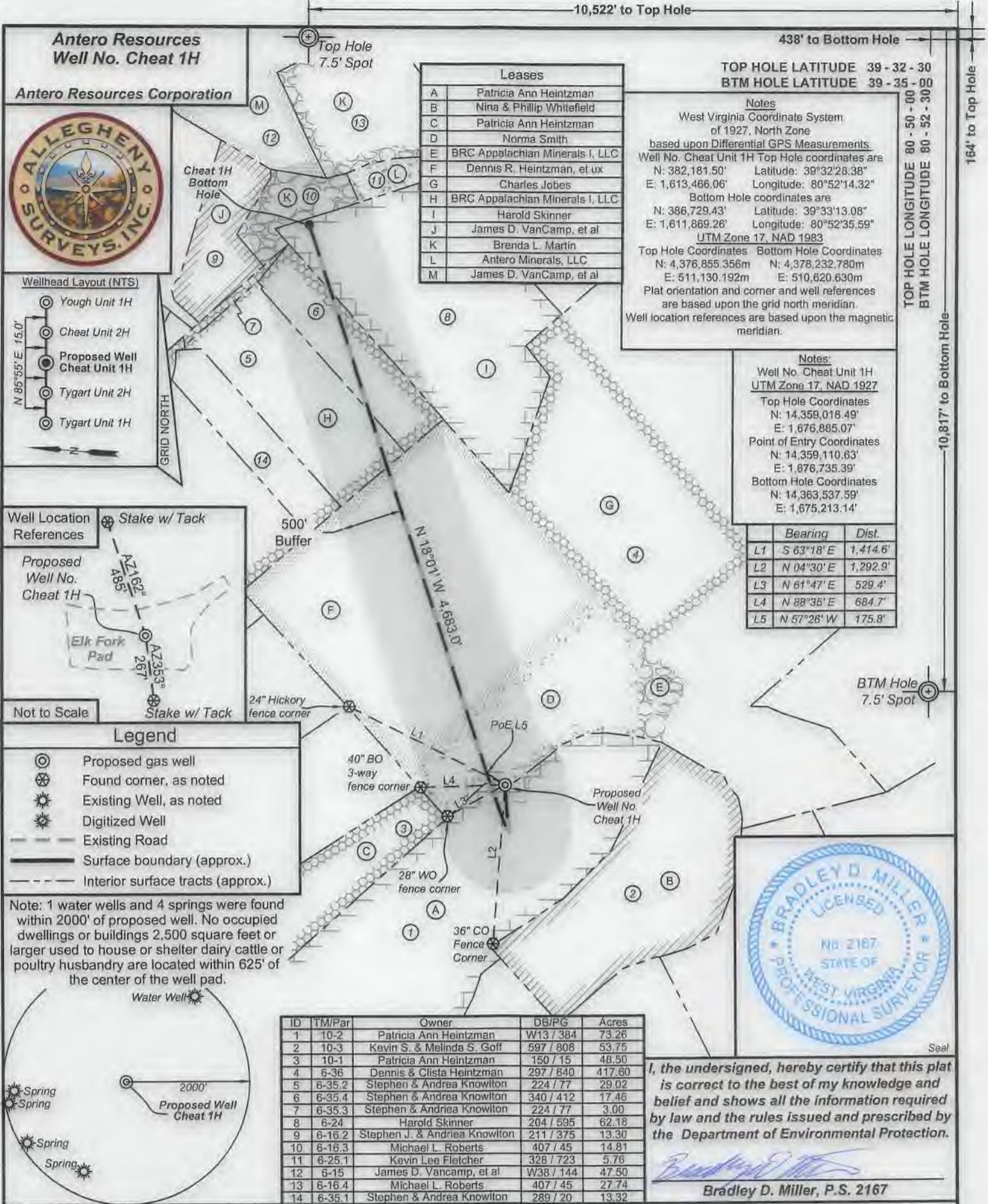
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,000' TVD 12,400' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313



**Antero Resources Corporation**  
Appalachian Basin  
Elk Fork Pad  
Tyler County

Quadrangle: Porter Falls  
Watershed: Outlet Middle Island Creek  
District: Ellsworth  
Date: 3-26-2019



**Antero Resources Well No. Cheat 1H**

Antero Resources Corporation

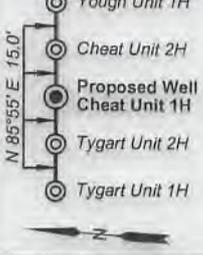


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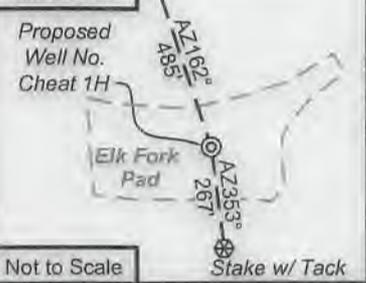
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**Wellhead Layout (NTS)**



**Well Location References**

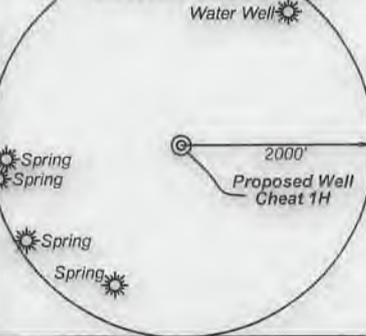


Not to Scale

**Legend**

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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

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API WELL NO H4A  
47 - 095 - 02714  
STATE COUNTY PERMIT

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