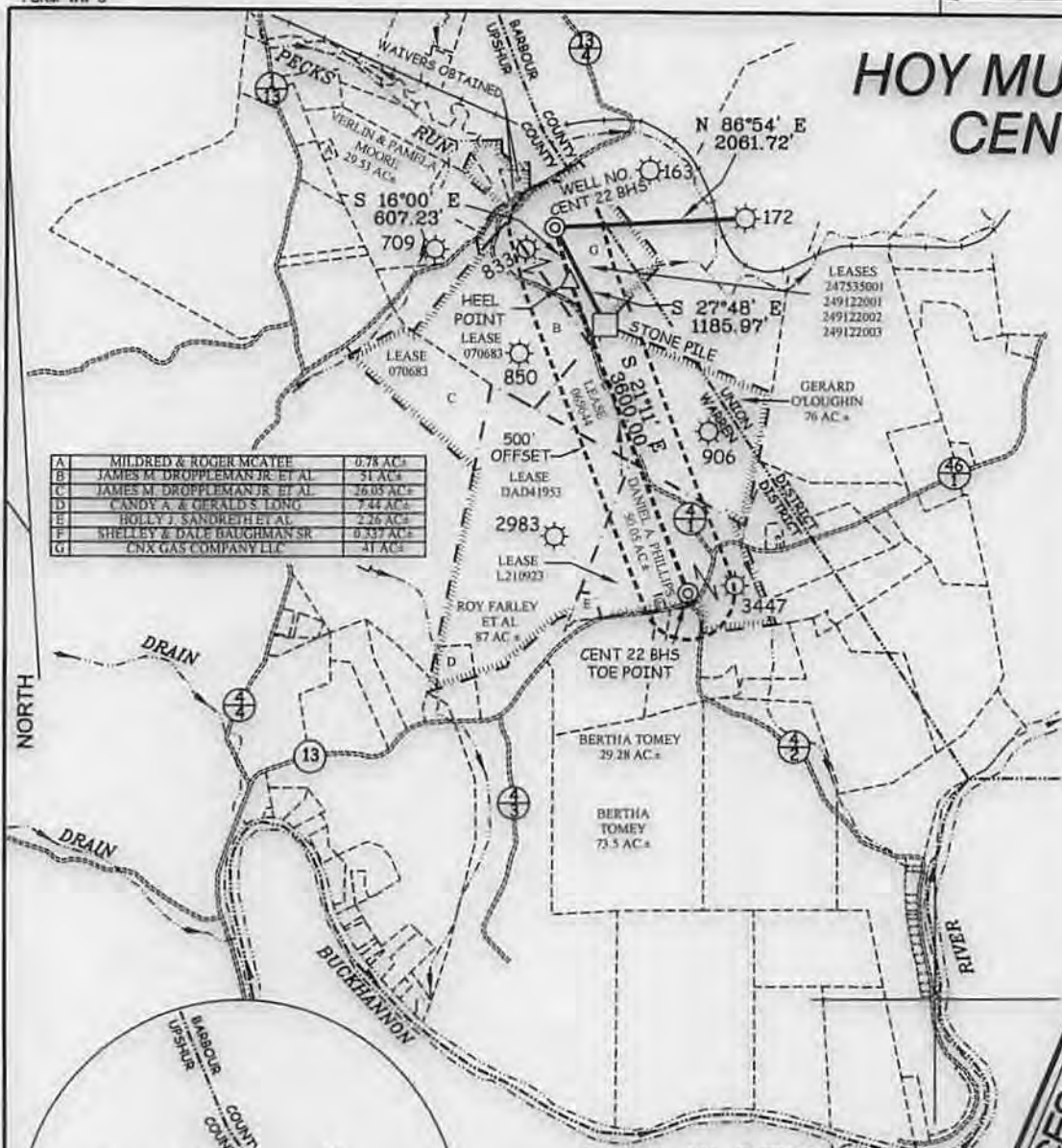


HOY MURPHY LEASE CENT 22 BHS

LONGITUDE 80°07'30"

10,636'



A	MILDRED & ROGER MCATEE	0.78 AC±
B	JAMES M. DROPPLEMAN JR. ET AL.	31 AC±
C	JAMES M. DROPPLEMAN JR. ET AL.	26.05 AC±
D	CANDY A. & GERALD S. LONG	7.44 AC±
E	HOLLY J. SANDREJH ET AL.	2.26 AC±
F	SHELLEY & DALE BAUGHMAN SR.	0.337 AC±
G	CNX GAS COMPANY LLC	41 AC±

CENT 22 BHS STATE PLANE COORDINATES SOUTH ZONE (NAD'27)	
N. 749,132.7	E. 2,243,060.5
LAT=(N) 39.054136 LONG=(W) 80.144168	
UTM (NAD'83)(METERS)	
N. 4,323,143.6	E. 574,068.9
CENT 22 BHS HEEL POINT STATE PLANE COORDINATES SOUTH ZONE (NAD'27)	
N. 748,549.0	E. 2,243,228.0
LAT=(N) 39.052529 LONG=(W) 80.143597	
UTM (NAD'83)(METERS)	
N. 4,322,865.8	E. 574,120.0
CENT 22 BHS TOE POINT STATE PLANE COORDINATES SOUTH ZONE (NAD'27)	
N. 745,192.4	E. 2,244,529.0
LAT=(N) 39.043280 LONG=(W) 80.139126	
UTM (NAD'83)(METERS)	
N. 4,321,943.2	E. 574,516.6

NOTES ON SURVEY

1. TIES TO WELLS, REFERENCES AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 118 AT PAGE 126 & ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE).
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250'. WAIVERS OBTAINED FOR TWO HOUSES WITHIN 625'.

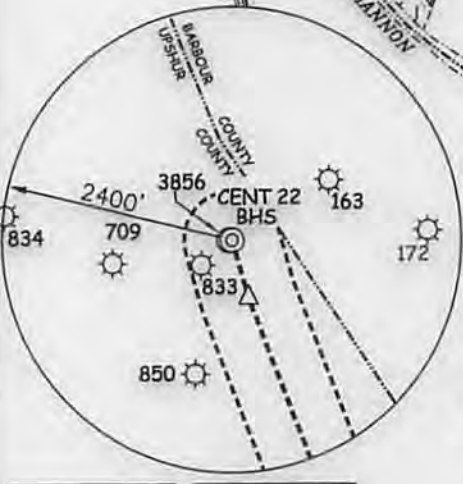
REFERENCES

WOODS
FIELD
WOODS

1/2" REBAR SET
N 36°30' E 472.30'
S 48°13' E 353.04'

BHS
CHS
AHS (47-097-3856)

1" = 200'



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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 2266 *[Signature]*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MARCH 10, 20 14
OPERATORS WELL NO. CENT 22 BHS
API WELL NO. 47 - 97 - 038584
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7912BHS(457-79)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 2000'

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

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

LOCATION: ELEVATION 1,581' WATERSHED PECKS RUN
DISTRICT WARREN COUNTY UPSHUR QUADRANGLE CENTURY 7.5'

SURFACE OWNER CNX GAS COMPANY, LLC AGREAGE 41±
ROYALTY OWNER HOY RUSSELL MURPHY, ETAL LEASE ACREAGE 41±, 79±, 87±, 76±, & 50±

PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TVD 7,685' / TMD 11,895'

WELL OPERATOR CNX GAS COMPANY, LLC. DESIGNATED AGENT JEREMY JONES
ADDRESS P.O. BOX 1248 ADDRESS P.O. BOX 1248
JANE LEW, WV 26378 JANE LEW, WV 26378 **09/19/2014**

COUNTY NAME
PERMIT

HOY MURPHY LEASE CENT 22 WELL NO.S AHS-JHS

4709703858

Murphy

Run

260' ± @
10-15% GRADE ±

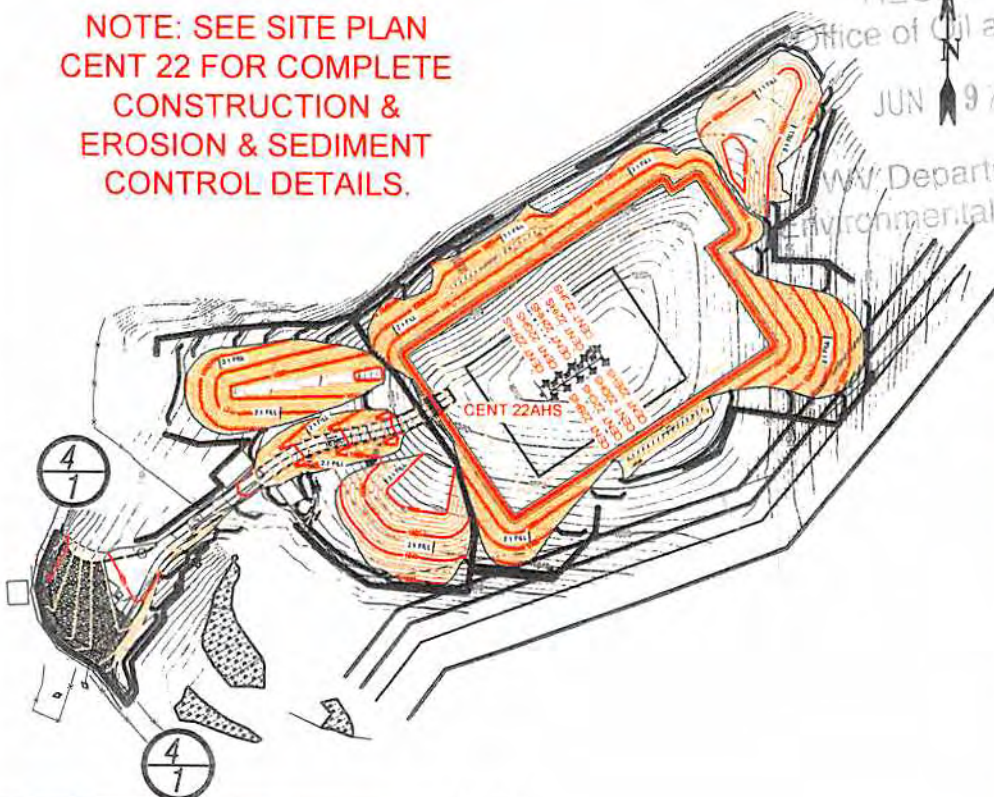
325' ± @
5-10% GRADE ±

NOTE: SEE SITE PLAN
CENT 22 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.

Bill Hatfield
5/21/14

Detail Sketch for Proposed AHS-JHS Wells

NOTE: SEE SITE PLAN
CENT 22 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.



Not To Scale

SCALE: 1"=500'

500' 1000'

09/19/2014

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING



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PROJECT MGMT
226 West Main St.
P.O. Box 150
Grafton, WV 26351
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ENGINEERS
ENVIRONMENTAL
56055 Dixie Bottom Road
Sharysboro, OH 43147
(740) 471-9911

HONESTY. INTEGRITY. QUALITY.

DRAWN BY C.P.M.	FILE NO. 7912	DATE 08-15-13	CADD FILE: 7912REC-AHS.dwg
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TOPO SECTION OF CENTURY 7.5'
USGS TOPO QUADRANGLE