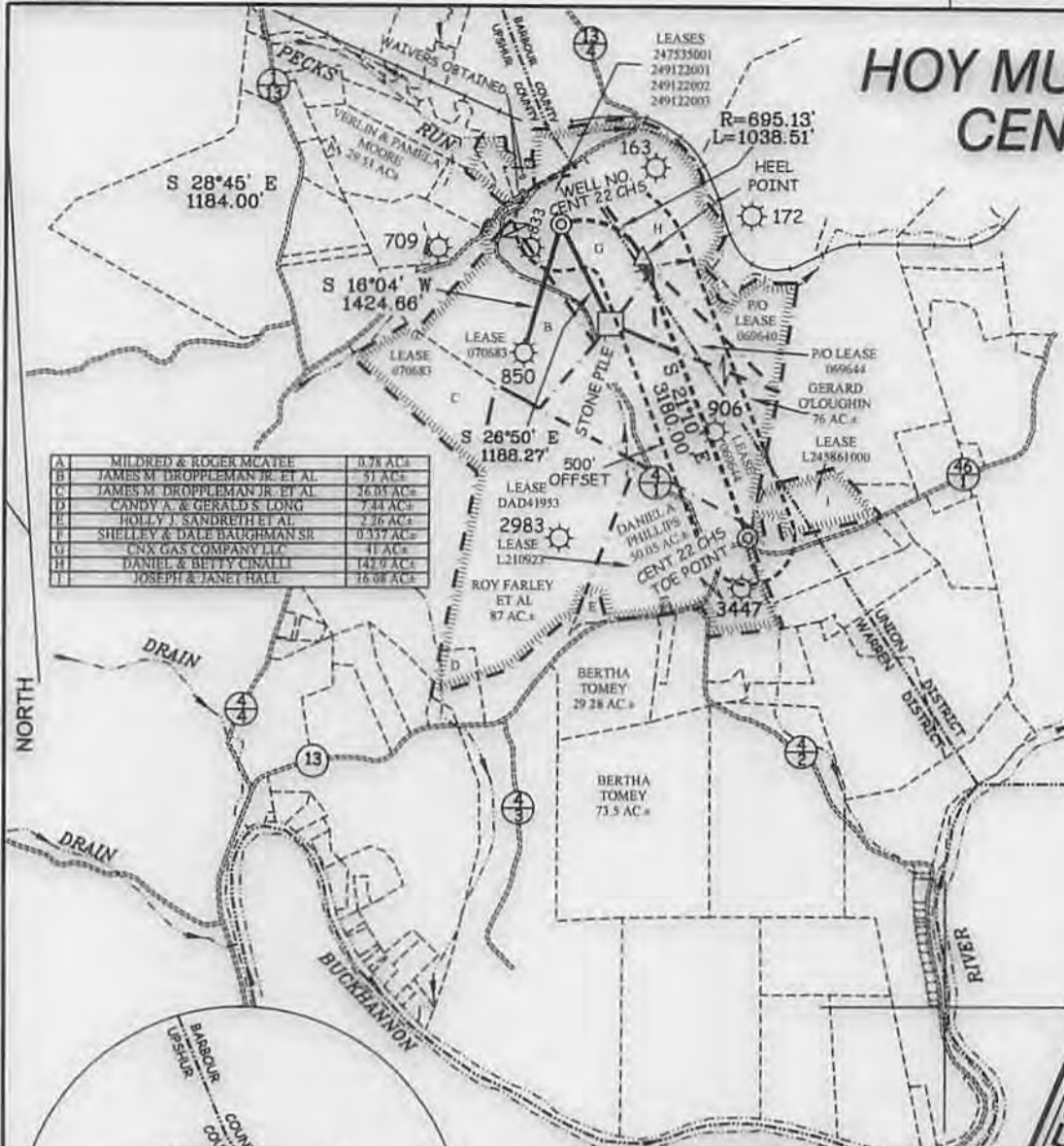


HOY MURPHY LEASE CENT 22 CHS

10.625'



A	MILDRED & ROGER MCATEE	0.78 AC±
B	JAMES M. DROPPLEMAN JR. ET AL.	51 AC±
C	JAMES M. DROPPLEMAN JR. ET AL.	26.05 AC±
D	CANDY A. & GERALD S. LONG	7.34 AC±
E	HOLLY J. SANDRETH ET AL.	2.76 AC±
F	SHELLEY & DALE BAUGHMAN SR.	0.337 AC±
G	CNX GAS COMPANY, LLC	41 AC±
H	DANIEL & BETTY CINALLI	142.9 AC±
I	JOSEPH & JANET HALL	76.98 AC±

CENT 22 CHS STATE PLANE COORDINATES SOUTH ZONE (NAD 27)	
N. 749,143.9	E. 2,243,077.1
LAT=(N) 39.054166 LONG=(W) 80.144109	
UTM (NAD'83)(METERS)	
N. 4,323,147.0	E. 574,074.0
CENT 22 CHS HEEL POINT STATE PLANE COORDINATES SOUTH ZONE (NAD 27)	
N. 748,783.4	E. 2,243,950.2
LAT=(N) 39.053154 LONG=(W) 80.141047	
UTM (NAD'83)(METERS)	
N. 4,323,037.2	E. 574,340.0
CENT 22 CHS TOE POINT STATE PLANE COORDINATES SOUTH ZONE (NAD 27)	
N. 745,817.8	E. 2,245,098.2
LAT=(N) 39.044983 LONG=(W) 80.137102	
UTM (NAD'83)(METERS)	
N. 4,322,133.8	E. 574,690.0

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



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. Thomas M. Meeks
2266



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MARCH 10, 20 14
OPERATORS WELL NO. CENT 22 CHS
API WELL NO. 47 - 97 - 03859 H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7912CHS(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 ACREAGE 41±
ROYALTY OWNER HOY RUSSELL MURPHY, ETAL LEASE ACREAGE 41±, 79±, 87±, 76±, & 50±, 10±, 152±, & 15.44±

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 11,905'

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

47 09703859

Murphy

Run

325' ± @
5-10% GRADE ±

260' ± @
10-15% GRADE ±

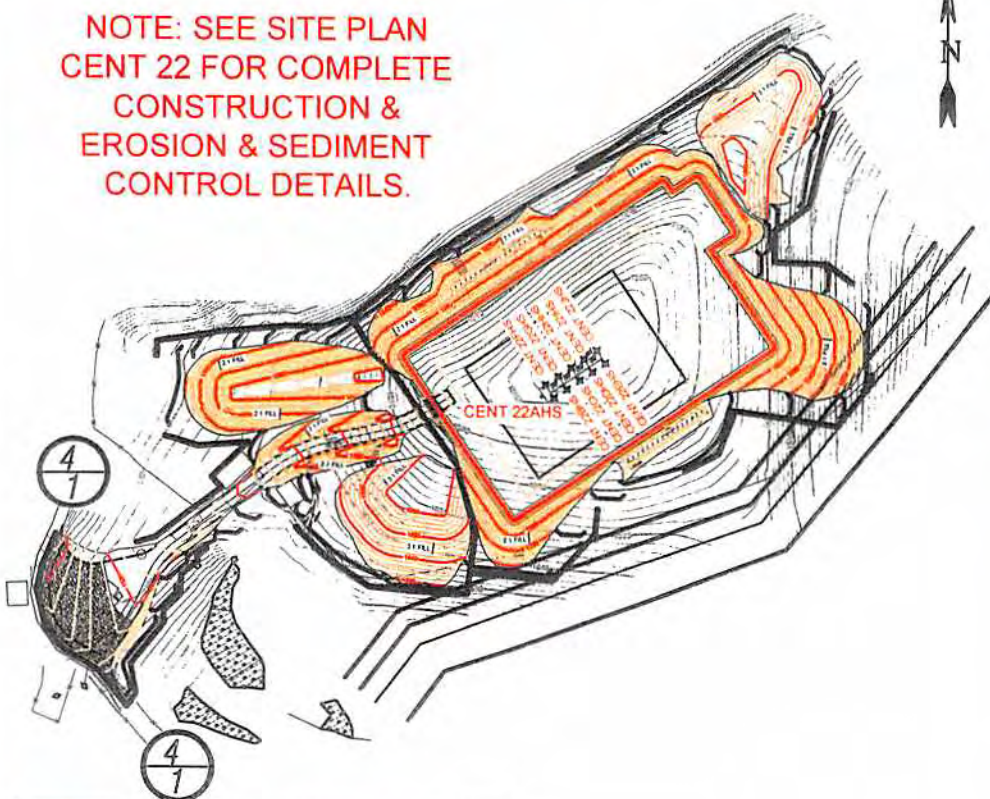
NOTE: SEE SITE PLAN
CENT 22 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.

Bill Hatfield
5/24/14

RECEIVED
Office of Oil and Gas
JUN 09 2014
WV Department of
Environmental Protection

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



SURVEYORS
PROJECT MGMT



ENGINEERS
ENVIRONMENTAL

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P.O. Box 130
Glenville, WV 26351
(304) 422-8834

8688 Dixie Bottom Road
Shadyvale, 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