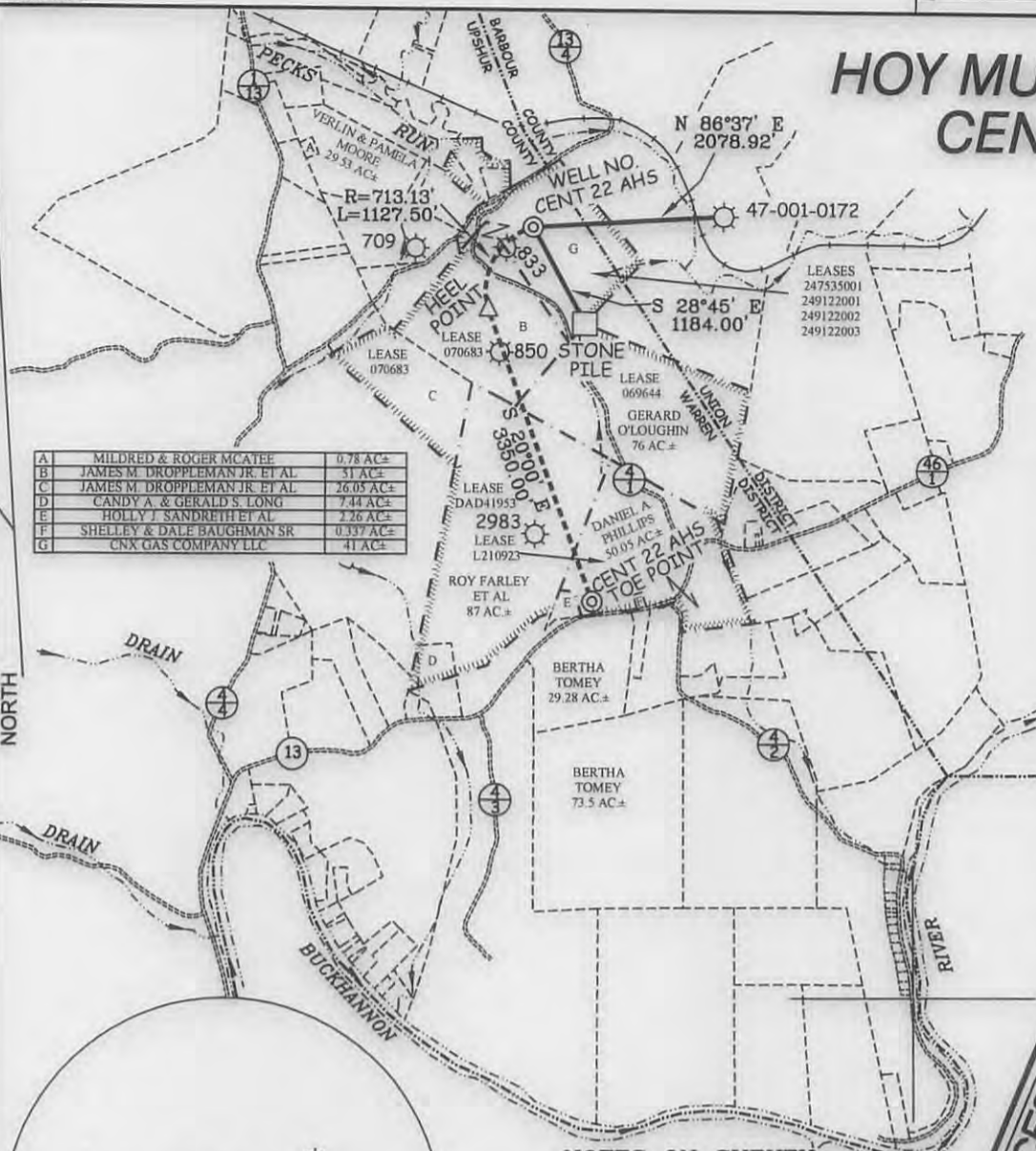


HOY MURPHY LEASE CENT22 AHS

10.647

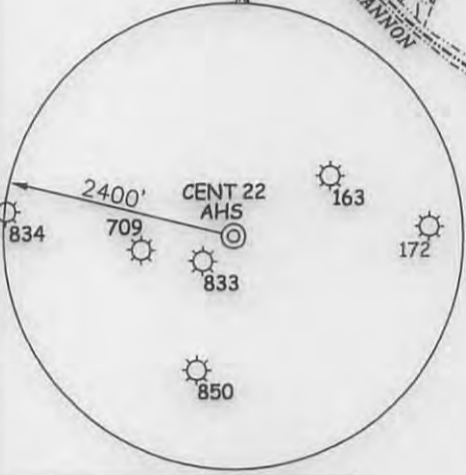


A	MILDRED & ROGER MCATEE	0.78 AC±
B	JAMES M. DROPPLEMAN JR ET AL	31 AC±
C	JAMES M. DROPPLEMAN JR ET AL	26.05 AC±
D	CANDY A. & GERALD S. LONG	7.44 AC±
E	HOLLY J. SANDRETH ET AL	2.26 AC±
F	SHELLEY & DALE BAUGHMAN SR	0.337 AC±
G	CNX GAS COMPANY LLC	41 AC±

CENT 22 AHS STATE PLANE COORDINATES SOUTH ZONE (NAD 27)	
N.	749,121.6
E.	2,243,043.9
LAT=(N) 39.054105 LONG=(W) 80.144227	
UTM (NAD 83)(METERS)	
N.	4,323,140.2
E.	574,063.9

CENT 22 AHS HEEL POINT STATE PLANE COORDINATES SOUTH ZONE (NAD 27)	
N.	749,233.2
E.	2,242,555.7
LAT=(N) 39.051679 LONG=(W) 80.145975	
UTM (NAD 83)(METERS)	
N.	4,322,869.5
E.	573,915.2

CENT 22 AHS TOE POINT STATE PLANE COORDINATES SOUTH ZONE (NAD 27)	
N.	745,085.2
E.	2,243,701.5
LAT=(N) 39.043007 LONG=(W) 80.142043	
UTM (NAD 83)(METERS)	
N.	4,321,910.5
E.	574,264.4



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).



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. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE AUGUST 16, 20 13
OPERATORS WELL NO. CENT 22 AHS
API WELL NO. 47 - 097 - 03856H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7912AHS(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±,
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 12,165'

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

01/10/2014

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

097 03856

Murphy

Run

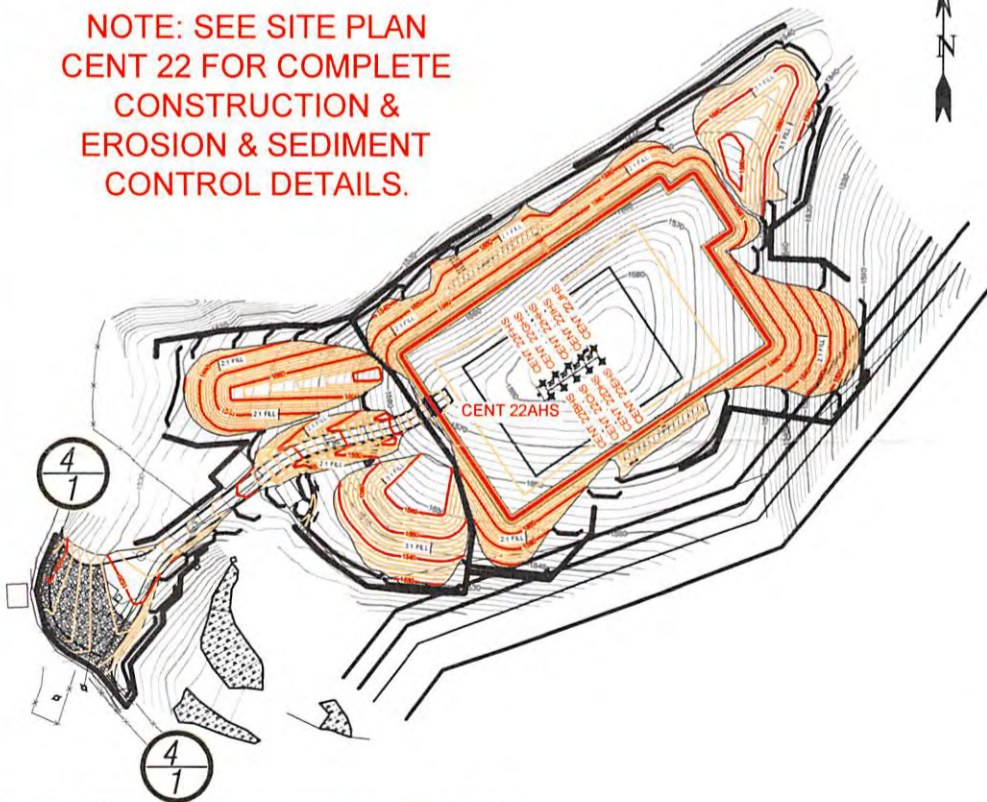
260' ± @
10-15% GRADE ±

325' ± @
5-10% GRADE ±

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

Detail Sketch for Proposed AHS-JHS Wells

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



SCALE: 1" = 500'



Not To Scale

TOPO SECTION OF CENTURY 7.5'
USGS TOPO QUADRANGLE

01/10/2014



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

SURVEYORS
PROJECT MGMT.



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ENVIRONMENTAL

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HONESTY. INTEGRITY. QUALITY

DRAWN BY: C.P.M. FILE NO.: 7912 DATE: 08-15-13 CADD FILE: 7912REC-AHS.dwg