

NOTES ON SURVEY

1. NO WATER WELLS OR DEVELOPED SPRINGS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD. WAIVERS OBTAINED FOR TWO HOUSES WITHIN 625'.

LATITUDE 39°05'00"

CENT22FHS

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'27 S.P.C.(FT) N. 749,136.2 E. 2,243,032.8
NAD'27 GEO. LAT-(N) 39.054151 LONG-(W) 80.144266
NAD'83 UTM (M) N. 4,323,145.3 E. 574,060.5
HEEL POINT
NAD'27 S.P.C.(FT) N. 747,703.7 E. 2,241,972.7
NAD'27 GEO. LAT-(N) 39.050240 LONG-(W) 80.148044
NAD'83 UTM (M) N. 4,322,709.2 E. 573,797.6
TOE POINT
NAD'27 S.P.C.(FT) N. 740,016.4 E. 2,244,897.8
NAD'27 GEO. LAT-(N) 39.029061 LONG-(W) 80.137996
NAD'83 UTM (M) N. 4,320,366.1 E. 574,629.2

LONGITUDE 80°07'30"

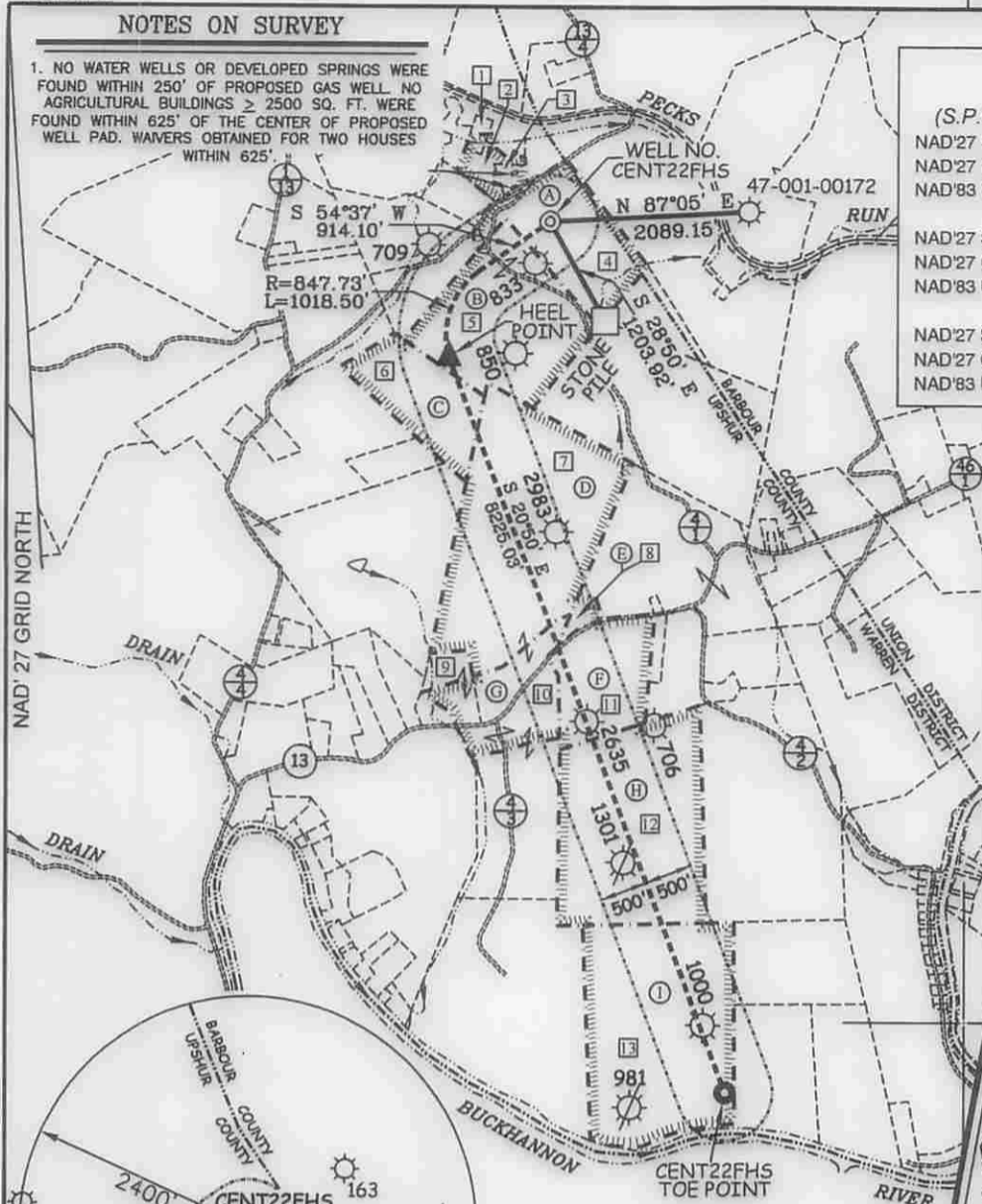
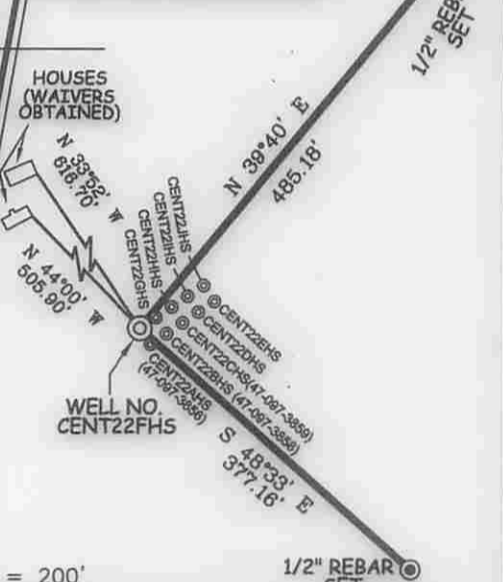


Table with 3 columns: ROYALTY OWNERS, ACRES, LEASE NO. Lists owners like MARY MURPHY ROHR ET AL and JAMES M. DROPPLEMAN JR ET UX.

Table with 3 columns: SURFACE OWNERS, ACRES, TAX MAP/PCL. Lists owners like VICKIE STACKPOLE DURAN and WAYNE R & ARLENE L. STACKPOLE.



REFERENCES



LEGEND: LEASE LINE, SURFACE LINE, WELL LATERAL, OFFSET LINE, TIE LINE, CREEK, ROAD, FENCE LINE, COUNTY ROUTE, STATE ROUTE, PROPOSED WELL, EXISTING WELL, PERMITTED WELL, TAX MAP-PARCEL.

Professional Energy Consultants logo and contact information: A DIVISION OF SMITH LAND SURVEYING, INC. SURVEYORS, ENGINEERS, ENVIRONMENTAL PROJECT MGMT.

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 AUGUST 15, 20 14
REVISED SEPTEMBER 5, 20 14
OPERATORS WELL NO. CENT22FHS
API WELL NO. 47-97-03861
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 7912PFHSR SCALE 1" = 2000'
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE)

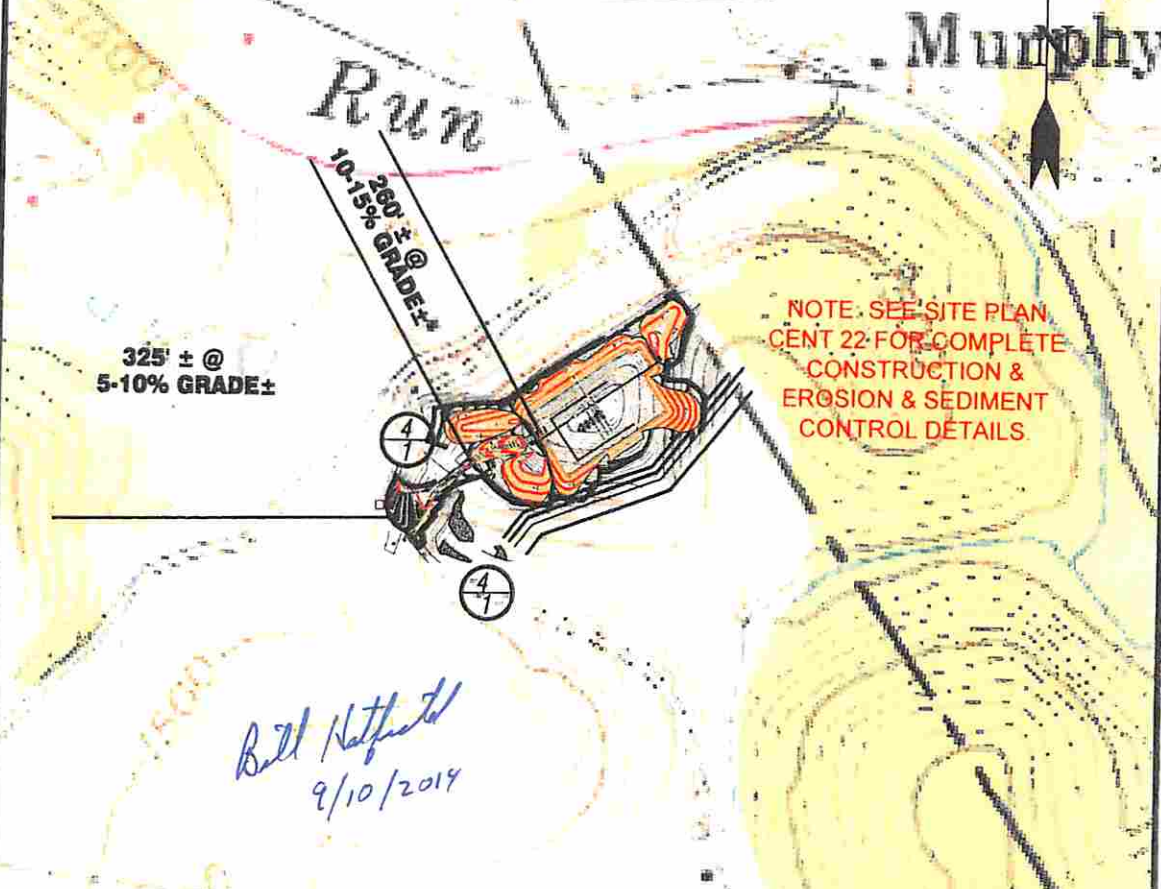
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS logo.

WELL TYPE: OIL \_\_\_ GAS X INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X
LOCATION: ELEVATION 1,568.30' WATERSHED PECKS RUN DISTRICT WARREN COUNTY UPSHUR QUADRANGLE CENTURY 7.5'
SURFACE OWNER CNX GAS COMPANY, LLC ACREAGE 41±
ROYALTY OWNER MARY MURPHY ROHR, ETAL ACREAGE 41± LEASE NO. 247535001, 249122001, 249122002, 249122003
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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 17,843'

WELL OPERATOR CNX GAS COMPANY, LLC. DESIGNATED AGENT MATTHEW IMRICH
ADDRESS P.O. BOX 1248 JANE LEW, WV 26378 ADDRESS P.O. BOX 1248 JANE LEW, WV 26378

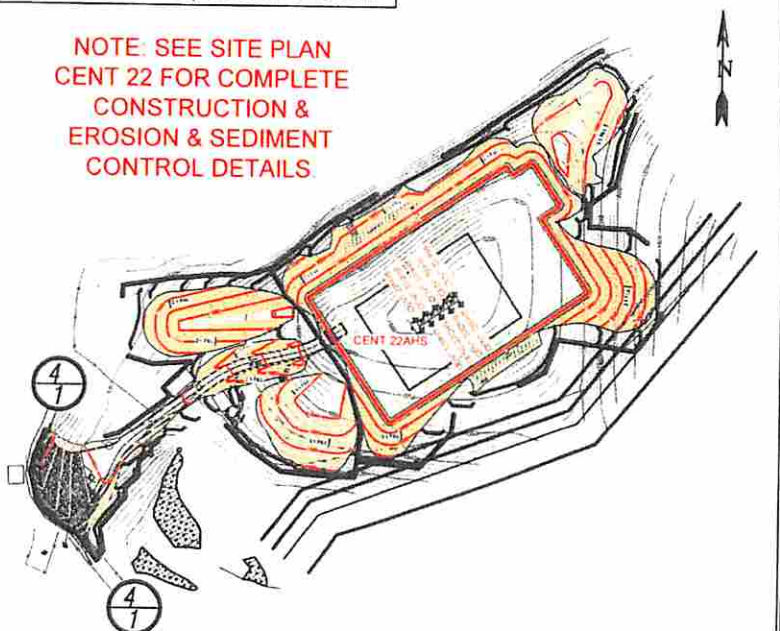
01/02/2015

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



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'



Professional Energy Consultants  
A DIVISION OF SUTHERLAND SURVEYING

**SLS**

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WIRELINE SURVEYING  
SEISMIC DATA PROCESSING  
GEOLOGICAL INTERPRETATION

QUALITY ASSURANCE

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

TOPO SECTION OF CENTURY 7.5'  
USGS TOPO QUADRANGLE

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