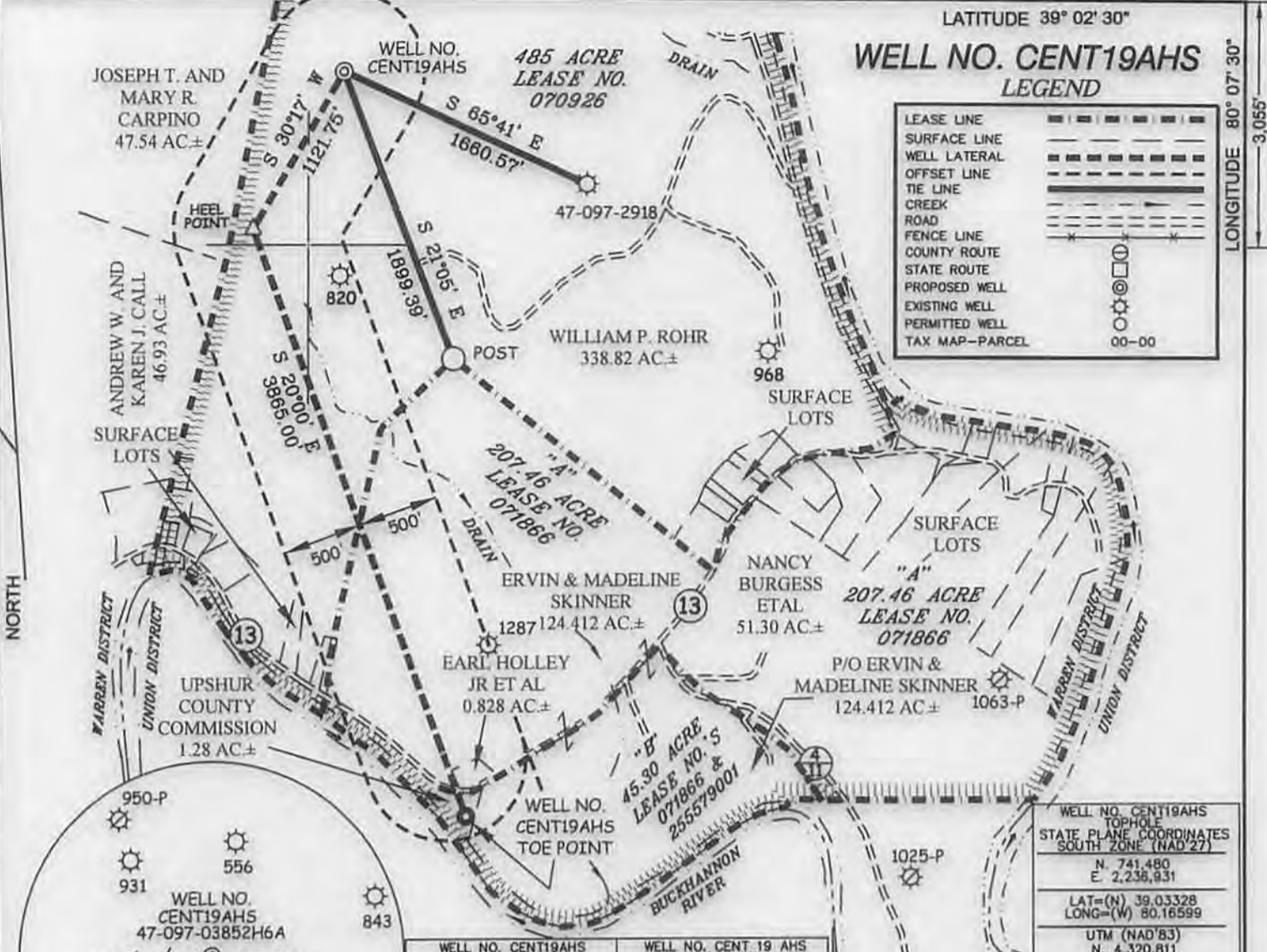


WELL NO. CENT19AHS LEGEND

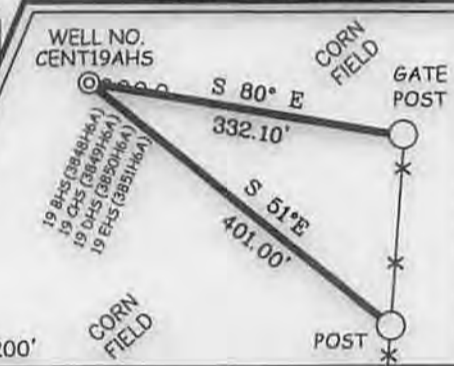
LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
FENCE LINE	---
COUNTY ROUTE	---
STATE ROUTE	---
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	00-00



WELL NO. CENT19AHS TOPTHOLE	
STATE PLANE COORDINATES SOUTH ZONE (NAD'27)	
N. 741,480	E. 2,238,931
LAT=(N) 39.03328	LONG=(W) 80.16599
UTM (NAD'83)	
N. 4,320,811	E. 572,202

WELL NO. CENT19AHS HEEL POINT	WELL NO. CENT 19 AHS TOE POINT
STATE PLANE COORDINATES SOUTH ZONE (NAD'27)	STATE PLANE COORDINATES SOUTH ZONE (NAD'27)
N. 740,511 E. 2,236,365	N. 736,879 E. 2,237,687
HEEL POINT (NAD'27) LAT=(N) 39.03063 LONG=(W) 80.16801	TOE POINT (NAD'27) LAT=(N) 39.02063 LONG=(W) 80.16348
HEEL POINT UTM (NAD'83) N. 4,320,516 E. 572,029	TOE POINT UTM (NAD'83) N. 4,319,410 E. 572,432

REFERENCES



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 A DEED BOOK 85 PAGE 25A AND ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN JULY, 2014.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS SURVEY GRADE.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250'. NO APPLICABLE DWELLINGS OR BUILDINGS WITHIN 825'.

ROYALTY OWNERS	ACRES	LEASE NO.
A VIRGINIA P. MEIER TRUST/WV WESLEYAN COLLEGE	207.46	071866
B VIRGINIA P. MEIER TRUST/WV WESLEYAN COLLEGE & FRANKLIN W. WHITE	45.30	071866 255579001



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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 8, 20 13
 REVISED MARCH 18 & AUGUST 11, 20 14
 OPERATORS WELL NO. CENT19AHS
 API WELL NO. 47-97-03857H6A
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7830P19AHSR7 (422-02)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1000'

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: GROUND PROPOSED
 ELEVATION 1582.0' 1585.0' WATERSHED BUCKHANNON RIVER

DISTRICT WARREN COUNTY UPSHUR QUADRANGLE CENTURY 7.5'

SURFACE OWNER WILLIAM P. ROHR ACREAGE 338.82±

ROYALTY OWNER HARRIET M. JARVIS ET AL LEASE ACREAGE 485±

PROPOSED WORK:
 DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___

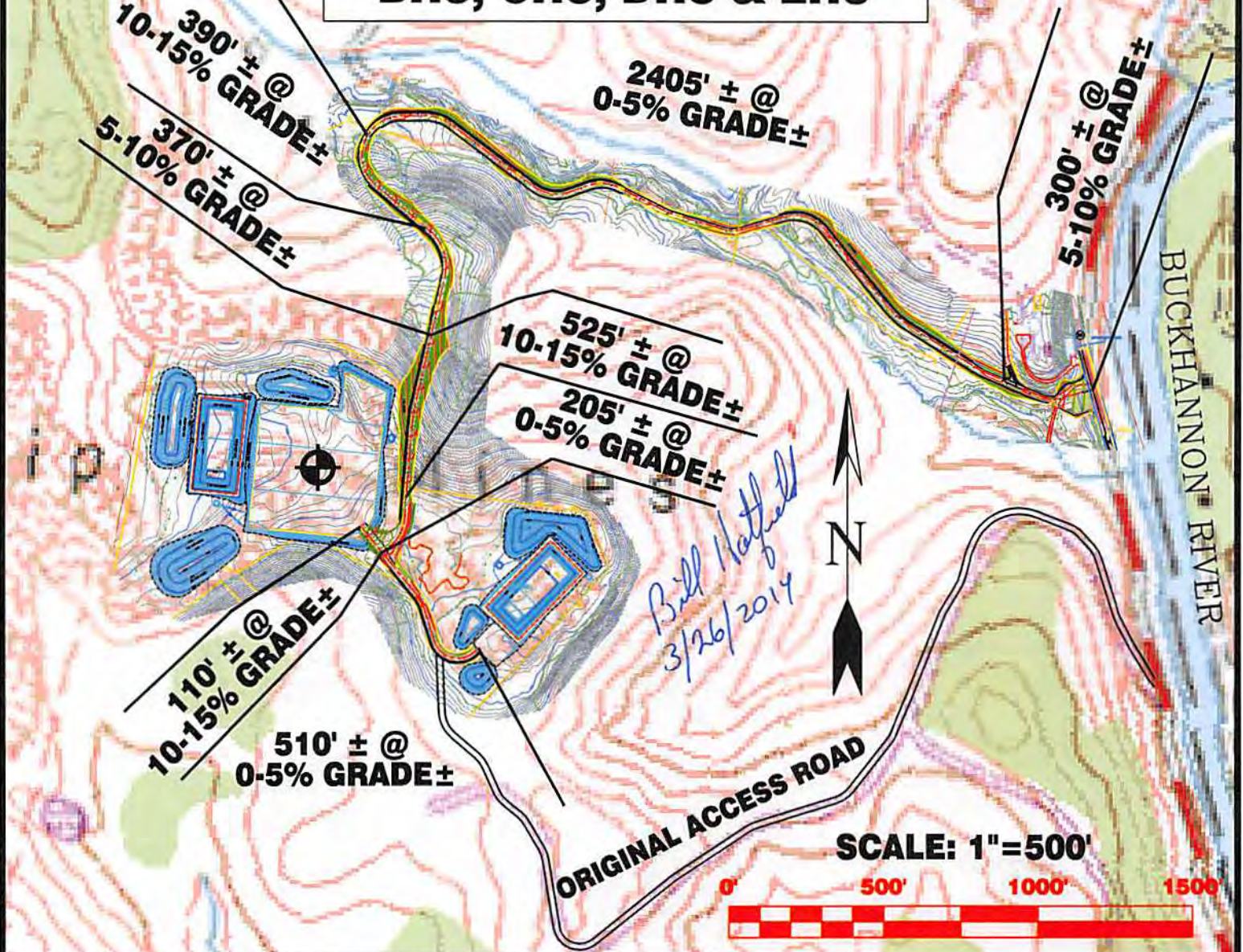
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD 7,600' / TMD 12,589'

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

08/15/2014

COUNTY NAME PERMIT

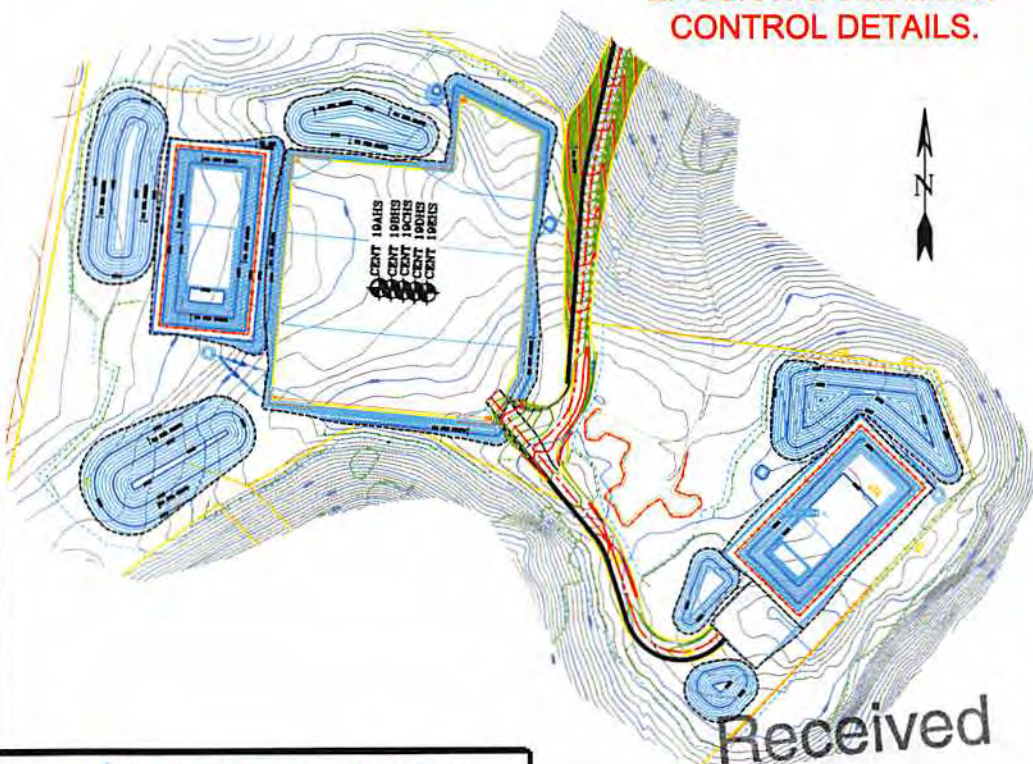
S.R. HARRISON LEASE WELL NO.S CENT 19 AHS, BHS, CHS, DHS & EHS



Detail Sketch for Proposed CENT 19 AHS, BHS, CHS, DHS & EHS

**NOTE: SEE SITE PLAN
CENT 19 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.**

**NOTE: SEE SITE PLAN
CENT 19 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.**



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES)

— EXISTING CULVERT ⊕ = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED

⊗ = PROPOSED STREAM CROSSING ⊖ = PROPOSED LIMITS OF DISTURBANCE

Received

APR 23 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

08/15/2014

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.

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PROJECT MGMT.

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DRAWN BY K.D.W.	FILE NO. 7830	DATE 03/18/14	CADD FILE: 7830REC.PLAN.DWG
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