

ROYALTY OWNERS	ACRES	LEASE NO.
STATE OF WEST VIRGINIA	SALEM-HARRISVILLE TURNPIKE	
SUSAN V. DRENNAN, ET AL.	203.0 AC±	131061001, 041996
	57.00 AC±	131061001, 041996
	48.65 AC±	131061001, 041996

WELL NO. OXFD13CHS

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

NOTES ON SURVEY

- TIES TO WELLS, REFERENCES, AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD 27.
- HIGHLIGHTED LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 230 PAGE 307 AND ADJOINING DEEDS.
- SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2014.
- WELL LAT./LONG. ESTABLISHED BY DGPS (SURVEY GRADE).
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF THE CENTER OF PAD IS LESS THAN 625' FROM A DWELLING AND WAIVER IS TO BE OBTAINED.

WELL NO. OXFD13CHS TOP HOLE		
STATE PLANE COORDINATES (NORTH ZONE NAD 27)		
N.	246,009.2	
E.	1,646,213.6	
TOP HOLE (NAD 27)		
LAT=(N)	39°10'07.9"	
LONG=(W)	80°44'52.2"	
TOP HOLE (NAD 83)		
LAT=(N)	39°10'07.6"	
LONG=(W)	80°44'51.6"	
TOP HOLE UTM (NAD 83)		
(N)	4,335,536.9	
(E)	521,798.9	
WELL NO. OXFD13CHS HEEL POINT		
STATE PLANE COORDINATES (NORTH ZONE NAD 27)		
N.	246,778.2	
E.	1,646,208.8	
HEEL POINT (NAD 27)		
LAT=(N)	39°10'14.9"	
LONG=(W)	80°44'52.4"	
HEEL POINT (NAD 83)		
LAT=(N)	39°10'15.2"	
LONG=(W)	80°44'51.8"	
HEEL POINT UTM (NAD 83)		
(N)	4,335,771.2	
(E)	521,793.5	
WELL NO. OXFD13CHS TOE POINT		
STATE PLANE COORDINATES (NORTH ZONE NAD 27)		
N.	250,463.5	
E.	1,644,867.5	
TOE POINT (NAD 27)		
LAT=(N)	39°10'51.1"	
LONG=(W)	80°45'10.1"	
TOE POINT (NAD 83)		
LAT=(N)	39°10'51.4"	
LONG=(W)	80°45'09.4"	
TOE POINT UTM (NAD 83)		
(N)	4,336,887.1	
(E)	521,366.2	

CHS WELL TIES		
LINE	BEARING	DISTANCE
L1	N 38°55' E	1008.80'
L2	N 65°26' E	1592.91'

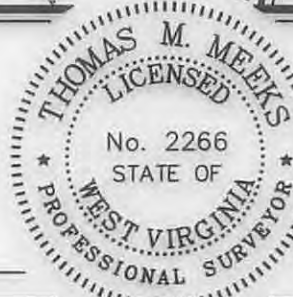
NORTH

A	ROBERT K SWIGER	12.03 ACRES±
B	ROBERT K SWIGER (TRUSTEE)	12.03 ACRES±
C	ROBERT K SWIGER	13.04 ACRES±
D	KEVIN C & TERESA A MULLEN	5.58 ACRES±
E	MARIE E HYDE ET AL	13.04 ACRES±
F	JEFFREY L MCKINNEY ET AL	1 ACRE±
G	TYLER G & LENORA BUNTING	12.03 ACRES±
H	LINEY MCKINNEY	10.86 ACRES±
I	KEVIN C & TERESA A MULLEN	7.46 ACRES±
J	CNX GAS CO. LLC	1.09 ACRES±



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 MAY 22, 20 14
 REVISED AUGUST 13, 20 14
 OPERATORS WELL NO. OXFD13CHS
 API WELL NO. 47-17-06576
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7982PCHSR2(457-45)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 2,000'

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: EXISTING PROPOSED ELEVATION 1,178.4' 1,152.5' WATERSHED SOUTH FORK HUGHES RIVER

DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE NEW MILTON 7.5'

SURFACE OWNER I.L. MORRIS ACREAGE 6603.75±

ROYALTY OWNER SUSAN V. DRENNAN ET AL ACREAGE 203± OF 1427±

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 6,830' TVD / TMD 11,522'

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

11/14/2014

COUNTY NAME PERMIT

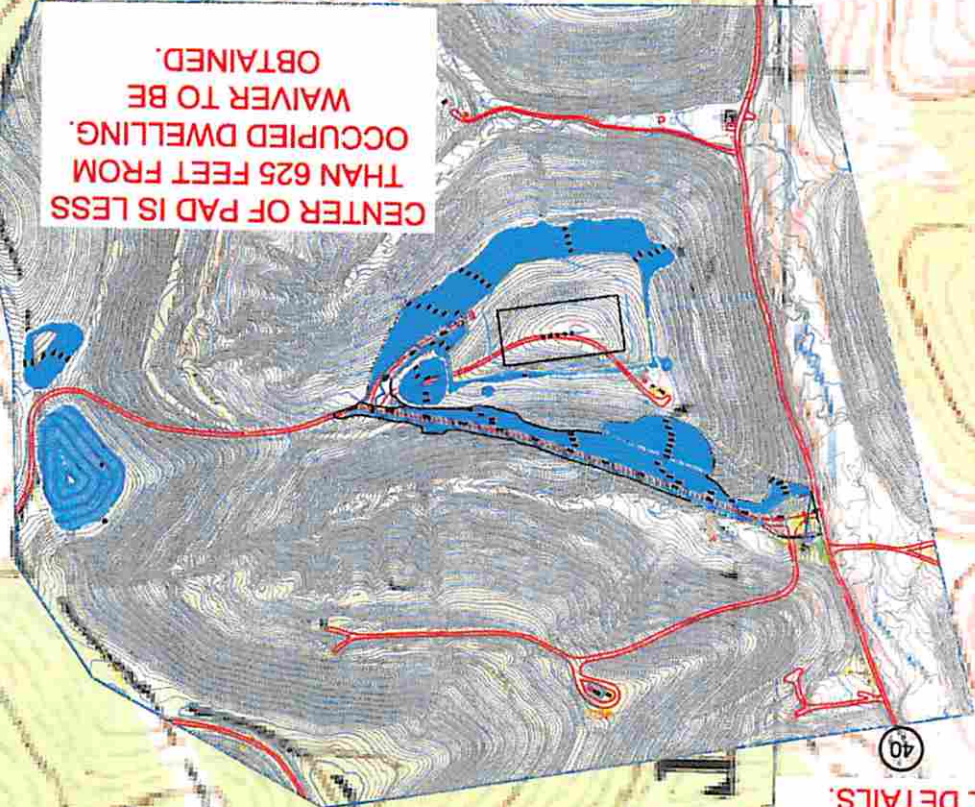
S.W. STOUT LEASE OXFD 13 WELL NO.'S AHS-EHS

4701706576
Oil Well



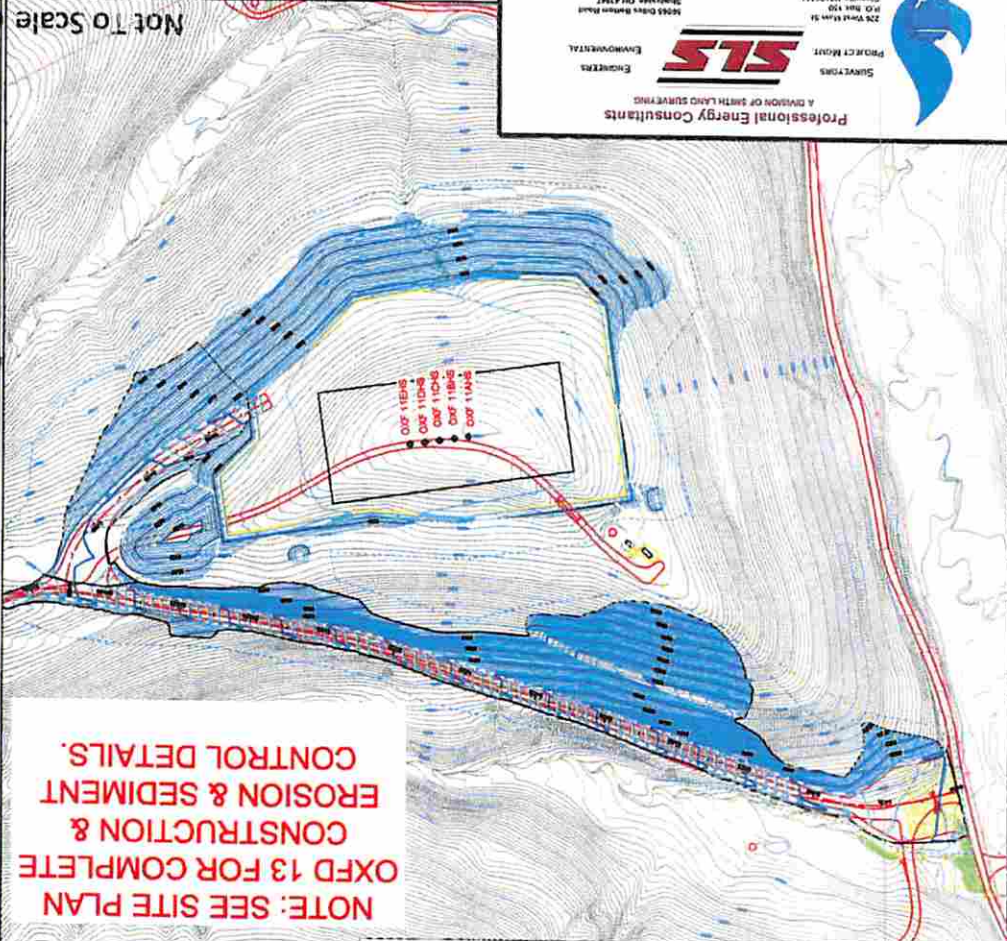
**NOTE: SEE SITE PLAN
OXFD 13 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.**

**CENTER OF PAD IS LESS
THAN 625 FEET FROM
OCCUPIED DWELLING.
WAIVER TO BE
OBTAINED.**



Detail Sketch for Proposed AHS-EHS Wells

**NOTE: SEE SITE PLAN
OXFD 13 FOR COMPLETE
CONSTRUCTION &
EROSION & SEDIMENT
CONTROL DETAILS.**



TOPO SECTIONS OF OXFORD & NEW
MILTON 7.5 USGS TOPO QUADRANGLES

Not To Scale

Professional Energy Consultants A DIVISION OF SMITH LAND SURVEYING		SWAYORS PROJECT MGMT ENGINEERS ENVIRONMENTAL	28 Years of Experience 1000's of Clients 100's of Projects	COMMITMENT TO EXCELLENCE INTEGRITY QUALITY
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FILE NO. 7982B
DATE 11-22-13
CADD FILE: 7982BEC-AHS.dwg
DRAWN BY C.P.M.
C.P.M.



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AUG 20 2014
Environmental Protection
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AGENCY

BCN
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