

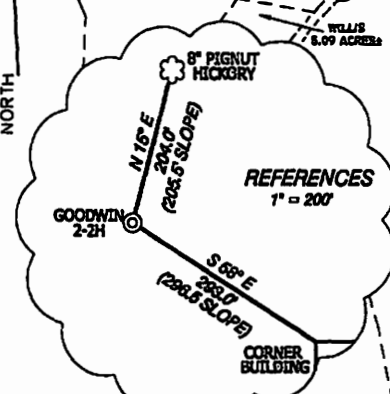
GOODWIN 2-2H

LONGITUDE 80°30'00" 1880
LAT. 39°22'12.1"

GOODWIN 2-2H SURFACE HOLE	
STATE PLANE COORDINATES	L & L DECIMAL
NORTH ZONE NAD 27	NAD 27
(N) 318237	31.82370
(E) 1770040	177.00040
UTM (NAD 83) ZONE 17	UTM (NAD 83) ZONE 17
US FEET	METERS
1420720	433760
1770204	641180

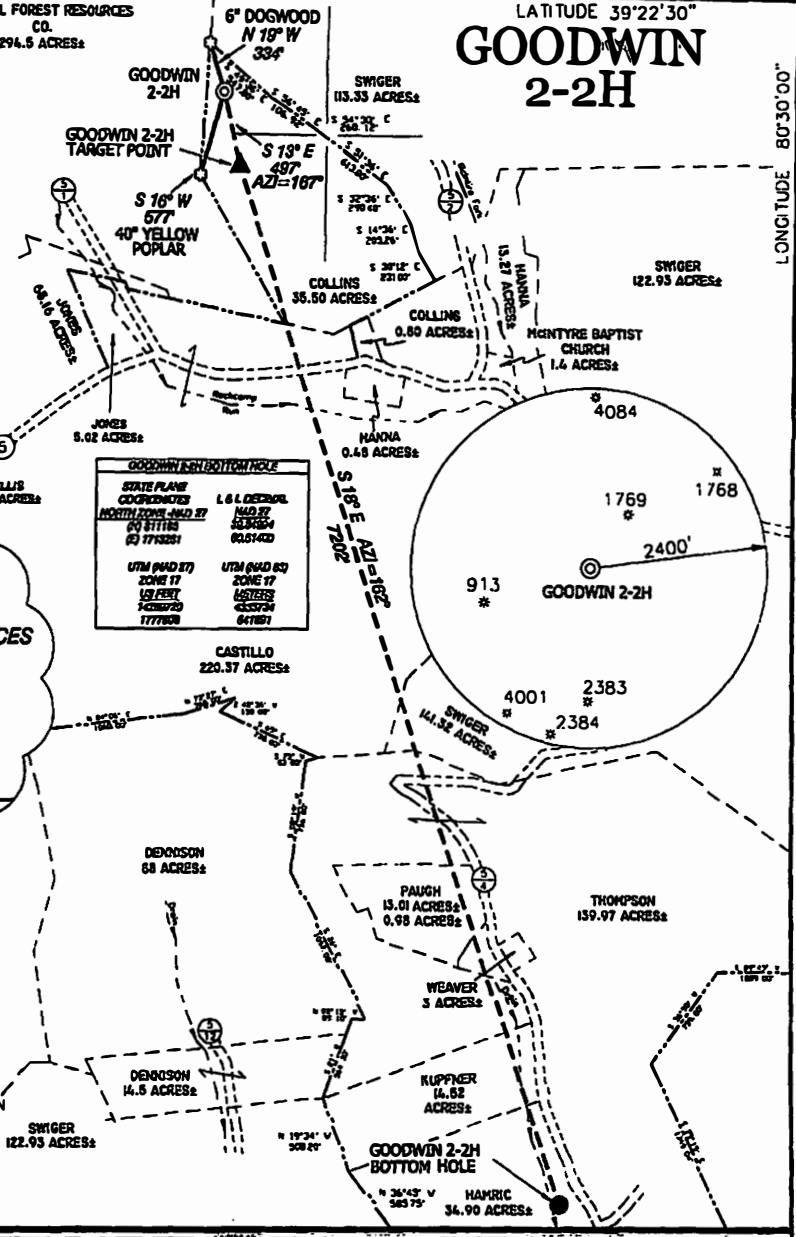
STATE PLANE COORDINATES	
NORTH ZONE NAD 27	NAD 27
(N) 318237	31.82370
(E) 1770040	177.00040
UTM (NAD 83) ZONE 17	UTM (NAD 83) ZONE 17
US FEET	METERS
1420720	433760
1770204	641180

GOODWIN 2-2H BOTTOM HOLE	
STATE PLANE COORDINATES	L & L DECIMAL
NORTH ZONE NAD 27	NAD 27
(N) 317183	31.71830
(E) 1773281	177.32810
UTM (NAD 83) ZONE 17	UTM (NAD 83) ZONE 17
US FEET	METERS
1408720	433720
1777808	641800



NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 05-04-10. LEASE BOUNDARY SHOWN HEREON TAKEN FROM INFORMATION PROVIDED BY PETROEDGE ENERGY LLC SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN MAY 2010 AND INFORMATION PROVIDED BY PETROEDGE ENERGY LLC WELL LAT./LONG. ESTABLISHED BY OGPS(SUBMETER MAPPING GRADE). ORIGINAL PLAT DATE OF JULY 16, 2010.



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORR CT 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. 8.54

Doyle Hupp Jr.
 HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JANUARY 8, 20 13
 OPERATORS WELL NO. GOODWIN 2-2H
 API WELL NO. 47-033-05733 H6A
 STATE WV COUNTY SALEM PERMIT 151

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1977 (BK44-39)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 1000'

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

WELL TYPE : OIL GAS INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1384' WATERSHED ROCKCAMP RUN
 DISTRICT SARDIS COUNTY HARRISON QUADRANGLE SALEM 7.5'

SURFACE OWNER THOMAS & VANESSA COLLINS ACREAGE 35.5±
 ROYALTY OWNER THOMAS COLLINS, et al LEASE ACREAGE 600.57±

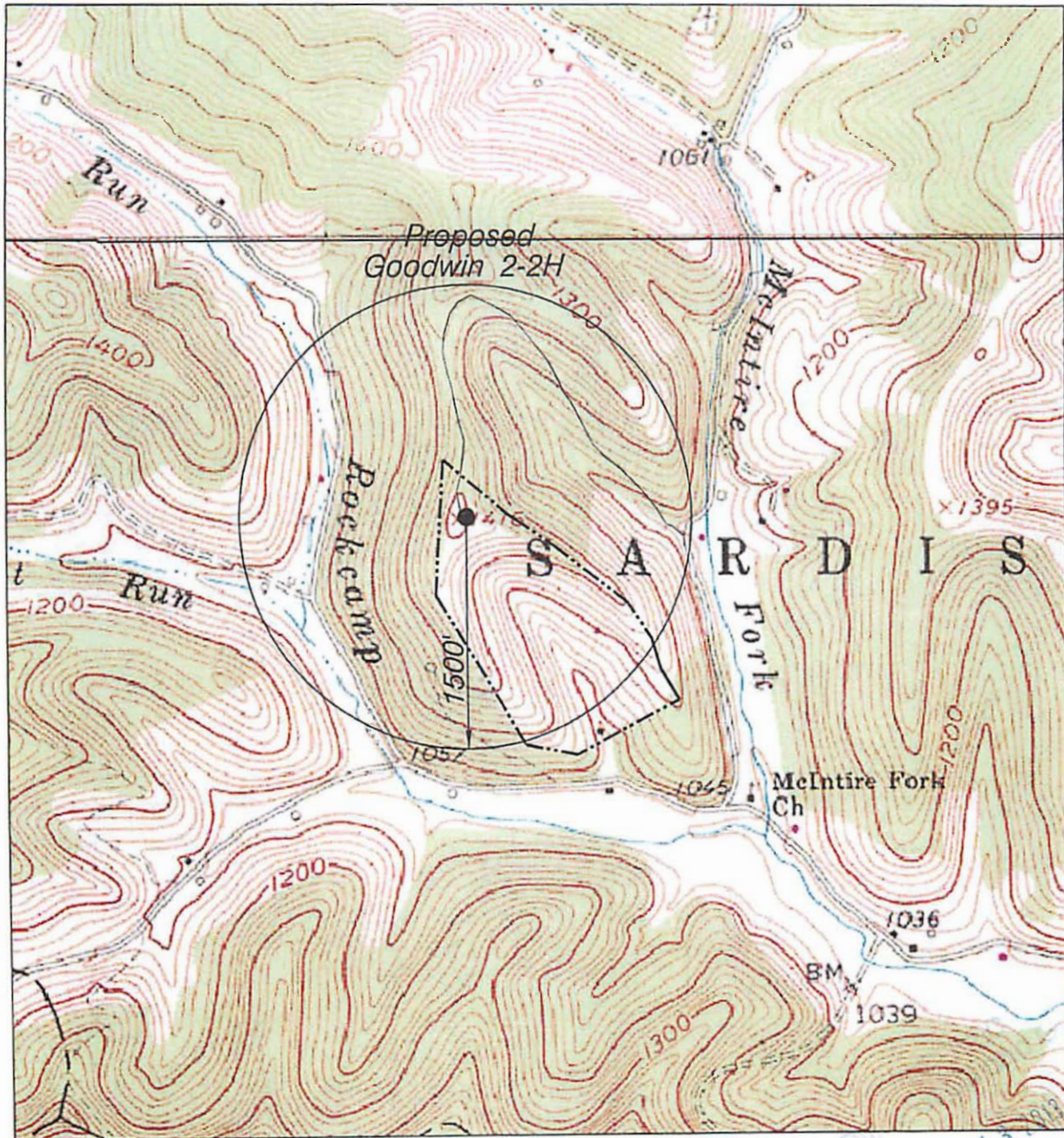
PROPOSED WORK : LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH 7,260' TVD 151

WELL OPERATOR STATOIL USA ONSHORE PROPERTIES INC. DESIGNATED AGENT WILLIAM T. FAHEY
 ADDRESS 2103 CITYWEST BLVD, SUITE 800, HOUSTON, TX 77042 ADDRESS 2116 PENNSYLVANIA AVENUE, WEIRTON, WV 26062

05/03/2013

STATOIL USA ONSHORE PROPERTIES INC. GOODWIN 2-2H WATER



HUPP Surveying & Mapping

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1" = 1000'
Salem Quad

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