

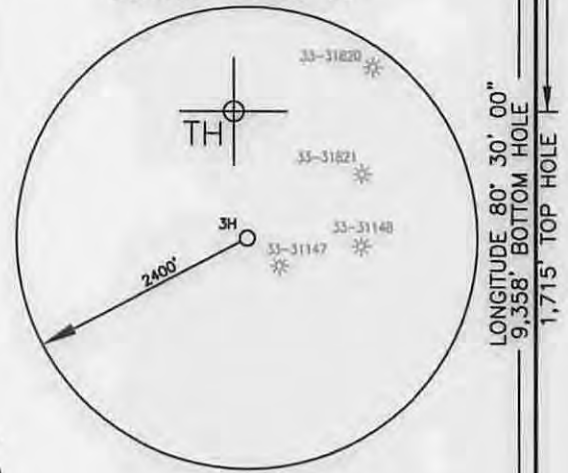
STATOIL - GOODWIN #1-3H

NOTES:
PLAT BASED ON NAD 2011 (CORS) WV STATE PLANE NORTH. GRID NORTH ELEVATIONS BASED ON GEOID 2012A. US SURVEY FEET UNLESS SHOWN OTHERWISE.

- THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL 3H.
- THERE ARE NO (0) DWELLINGS OR AGRICULTURAL STRUCTURES USED FOR HOUSING LIVESTOCK WITHIN 625' OF WELL 3H.
- THE LEASE BOUNDARIES SHOWN FROM DATA PROVIDED BY STATOIL NORTH AMERICA, INC.

L/N	GOODWIN #1-3H MINERAL OWNERS
303	DEBORAH STAHL, ET.AL. LEASE
31	LAURA GOFF DAVIS, ET.AL. LEASE
DYE/RC	JOHN. F. DYE, ET.AL. LEASE
21	SANDRA K. WILSON, ET.AL. LEASE

**WELL NO. 3H
TOP HOLE**
STATE PLANE COORDINATES
(NORTH ZONE-NAD 83-METER)
N:97112.2
E:512876.4
GEO: LAT:39°22'13.2"
LON:80°30'40.0"
UTM COORDINATES-ZONE17
(NAD 83-METER)
N:4357988.5
E:542113.0



LONGITUDE 80° 30' 00"
9,358' BOTTOM HOLE
1,715' TOP HOLE

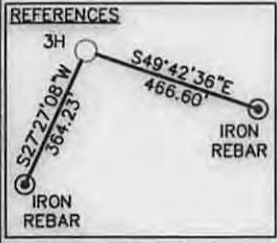
**WELL NO. 3H
LANDING POINT**
STATE PLANE COORDINATES
(NORTH ZONE-NAD 83-METER)
N:96803.8
E:512642.7
GEO: LAT:39°22'03.1"
LON:80°30'49.6"
UTM COORDINATES-ZONE17
(NAD 83-METER)
N:4357676.4
E:541884.6

**WELL NO. 3H
BOTTOM HOLE**
STATE PLANE COORDINATES
(NORTH ZONE-NAD 83-METER)
N:94778.6
E:513227.7
GEO: LAT:39°20'57.7"
LON:80°30'24.2"
UTM COORDINATES-ZONE17
(NAD 83-METER)
N:4355661.9
E:542503.0



- PROPERTY LINE
- SURVEYED PROPERTY LINE
- WELL REFERENCE LINE
- 500' BUFFER
- OUTER LEASE BOUNDARY
- INNER LEASE BOUNDARY
- ROADS
- EXISTING STREAM
- EXISTING GAS WELLS
- 34 COUNTY ROADS
- PROPERTY FEATURE
- MINERAL OWNER

TH BH
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP



L1	217°09'07"	1,269.40'
T1	S01°34'46"E	317.75'
T2	N75°09'19"E	1284.06'



Michael S. Wolf, P.S. 2270

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

TM	PAR	SURFACE OWNER	ACRES
A	202 24	JOY LEE HANNA	20.5
B	222 2.11	FRANK SWIGER	122.9
C	222 2.2	MICHAEL & GAIL SWIGER	141.3
D	222 12.4	WOLF CREEK REALTY & MORTGAGE LLC	140.0
E	223 20	DERRICK & JUDY CARTER	122.8

FILE NO. 030-2633

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1 in 2500

PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS

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

DATE OCTOBER 22, 2014

OPERATOR'S WELL NO. GOODWIN #1-3H

API WELL NO.

47 - 033 - 05865
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW

LOCATION: EXISTING ELEVATION: 1,380.93' PROPOSED ELEVATION: 1,382.00' WATER SHED: McINTIRE FORK OF ROCKCAMP RUN

DISTRICT: SARDIS COUNTY: HARRISON

QUADRANGLE: SALEM 7.5' ACREAGE: 20.5 AC±

SURFACE OWNER: JOY LEE HANNA LEASE ACREAGE: 547.5 AC+

OIL & GAS ROYALTY OWNER(S): LAURA GOFF DAVIS, ET.AL. LEASE/JOHN F. DYE, ET.AL. LEASE/SANDRA K. WILSON, ET.AL. LEASE DEBORAH STAHL, ET.AL. LEASE LEASE NO. 303/31/DYE/RC/21

THRASHER
THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

06/19/2015

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,657' TVD / 15,070' MD

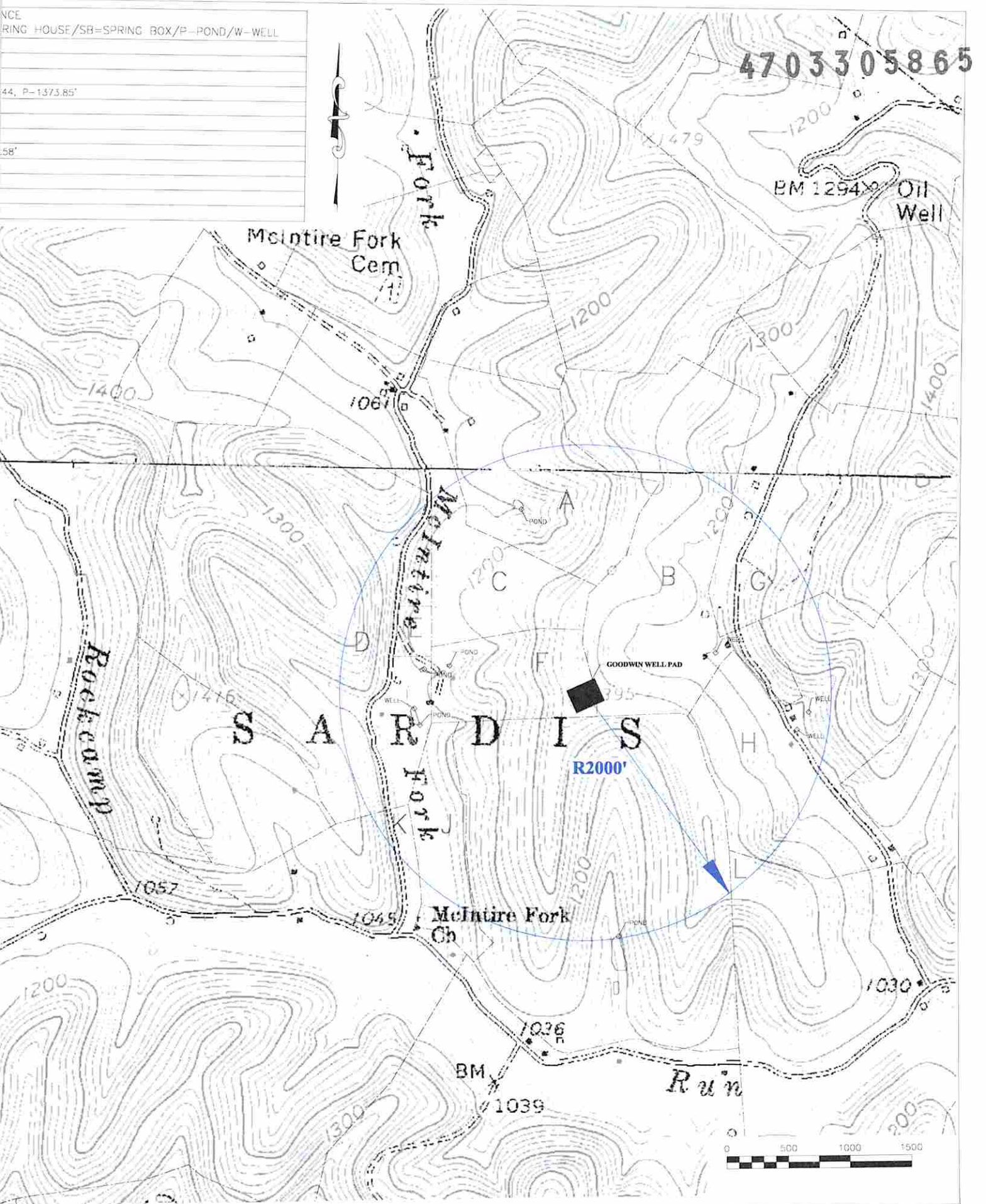
WELL OPERATOR: STATOIL USA ONSHORE PROPERTIES INC. DESIGNATED AGENT: RICHARD PYLES

ADDRESS: 2103 CITYWEST BLVD. STE. 800 HOUSTON, TX 77042 ADDRESS: 803 NASH ROAD MIDDLEBOURNE, WV 26149

CAD FILE: L:\030-2633 - Statoil - Goodwin Well Plats.dwg PLOT DATE/TIME: 10/22/2014 - 12:43pm USER: elvltle LAYOUT: 3HM

ANCE
RING HOUSE/SB=SPRING BOX/P=POND/W=WELL
44, P=1373.85'
58'

4703305865



THRASHER
 THE THRASHER GROUP INC.
 CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 • FAX (304) 624-7831

PHASE No.	
CONTRACT No.	
PROJECT No.	101-030-2633

STATOIL USA ONSHORE PROPERTIES, INC.
 POTENTIAL WATER SOURCES FOR THE
 GOODWIN WELL PAD
 HARRISON COUNTY, WEST VIRGINIA

SHEET No.
06/19/2015