

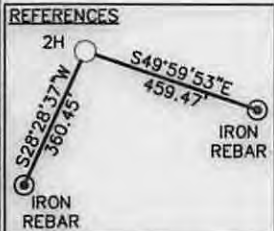
STATOIL - GOODWIN #1-2H

L/N	GOODWIN #1-2H MINERAL OWNERS
303	DEBORAH STAHL, ET.AL LEASE
31	LAURA GOFF DAVIS, ET.AL LEASE
614	CHARLES O. CONWAY, ET.AL LEASE
313	MIKE ROSS, ET.AL LEASE

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 2HM.
 -THERE ARE NO (0) DWELLINGS OR AGRICULTURAL STRUCTURES USED FOR HOUSING LIVESTOCK WITHIN 625' OF WELL 2HM.
 -THE LEASE BOUNDARIES SHOWN FROM DATA PROVIDED BY STATOIL NORTH AMERICA, INC.

- 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



LINE	BEARING	DISTANCE
L1	S49°59'53\"/>	
T1	S02°14'47\"/>	
T2	N75°28'30\"/>	



Michael S. Wolf 10/22/14
 Michael S. Wolf, P.S. 2270

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	223 1	DAVID DAVIS, LEOMI POLING, & SHIRLEY KIGHT	127.4
E	223 12	ROSSCO LLC	115.8

WELL NO. 2H TOP HOLE
 STATE PLANE COORDINATES (NORTH ZONE-NAD 83-METER)
 N:97110.2
 E:512877.6
 GEO: LAT:39°22'13.1\"/>

WELL NO. 2H LANDING POINT
 STATE PLANE COORDINATES (NORTH ZONE-NAD 83-METER)
 N:96900.2
 E:512954.1
 GEO: LAT:39°22'06.4\"/>

WELL NO. 2H BOTTOM HOLE
 STATE PLANE COORDINATES (NORTH ZONE-NAD 83-METER)
 N:95080.0
 E:513508.8
 GEO: LAT:39°21'07.5\"/>



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 #1-2H
 API WELL NO. 47 - 033 - 05864
 STATE COUNTY PERMIT

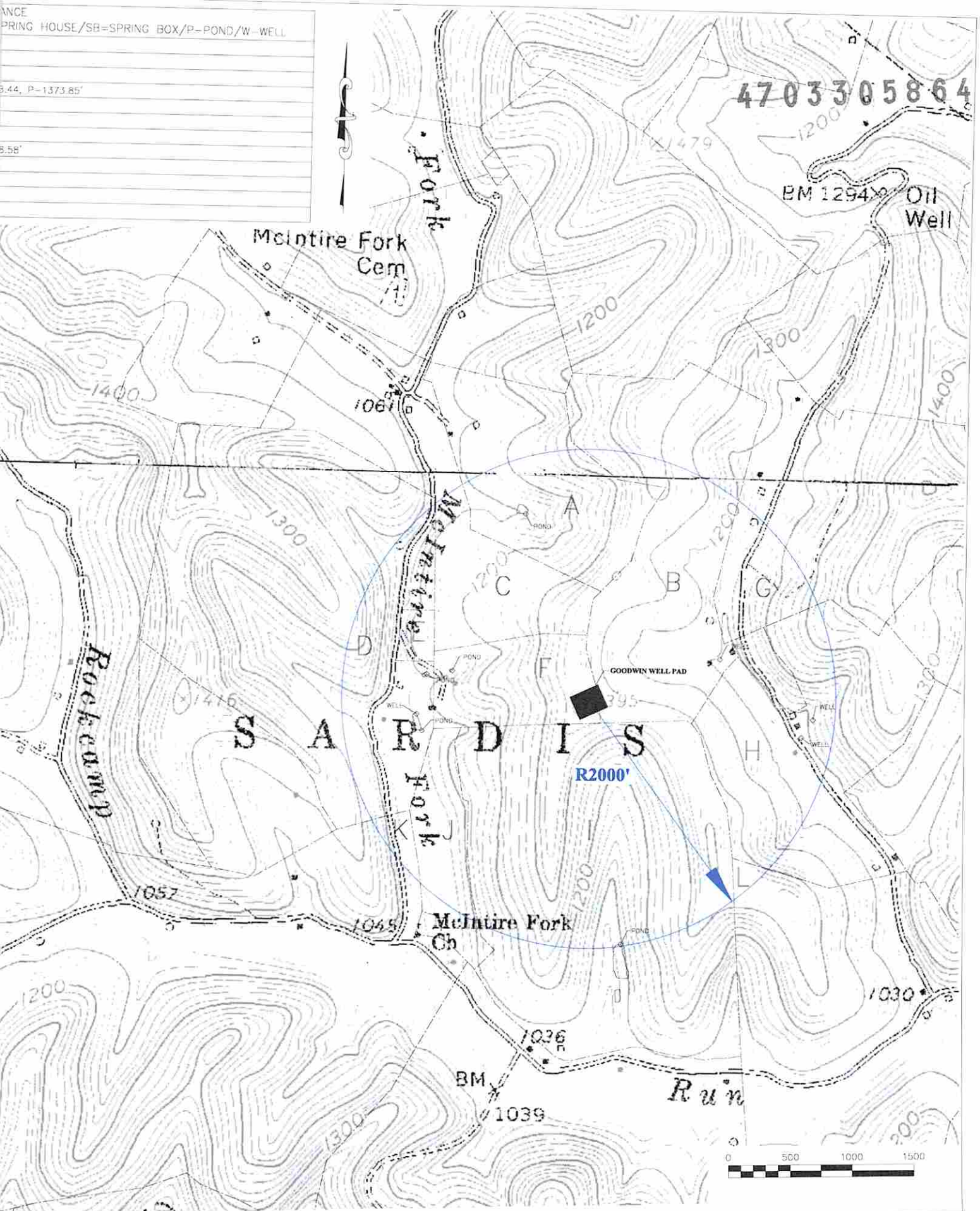
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: EXISTING ELEVATION: 1,391.34' WATER SHED: McINTIRE FORK OF ROCKCAMP RUN
 DISTRICT: SARDIS COUNTY: HARRISON
 QUADRANGLE: SALEM 7.5' ACREAGE: 20.5 AC±
 SURFACE OWNER: JOY LEE HANNA LEASE ACREAGE: 527.9 AC±
 OIL & GAS ROYALTY OWNER(S): LAURA GOFF DAVIS, ET.AL LEASE/CHARLES O. CONWAY, ET.AL LEASE
 MIKE ROSS, ET.AL LEASE/DEBORAH STAHL, ET.AL LEASE LEASE NO. 303/31/614/313

THRASHER
 THE THRASHER GROUP, INC.
 500 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: 7,651' TVD / 14,200' 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

USER: elytle LAYOUT: 2HM PLOT DATE/TIME: 10/22/2014 - 12:42pm CAD FILE: L:\030-2633 - Statoil - Goodwin Well Plats.dwg

ANCE
 PRING HOUSE/SB=SPRING BOX/P=POND/W=WELL
 3.44, P=1373.85'
 5.58'



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