

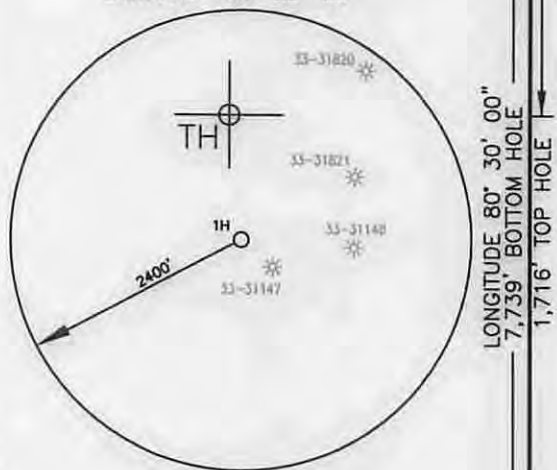
**STATOIL - GOODWIN #1-1H**

134' BOTTOM HOLE  
LATITUDE 39° 22' 30"

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

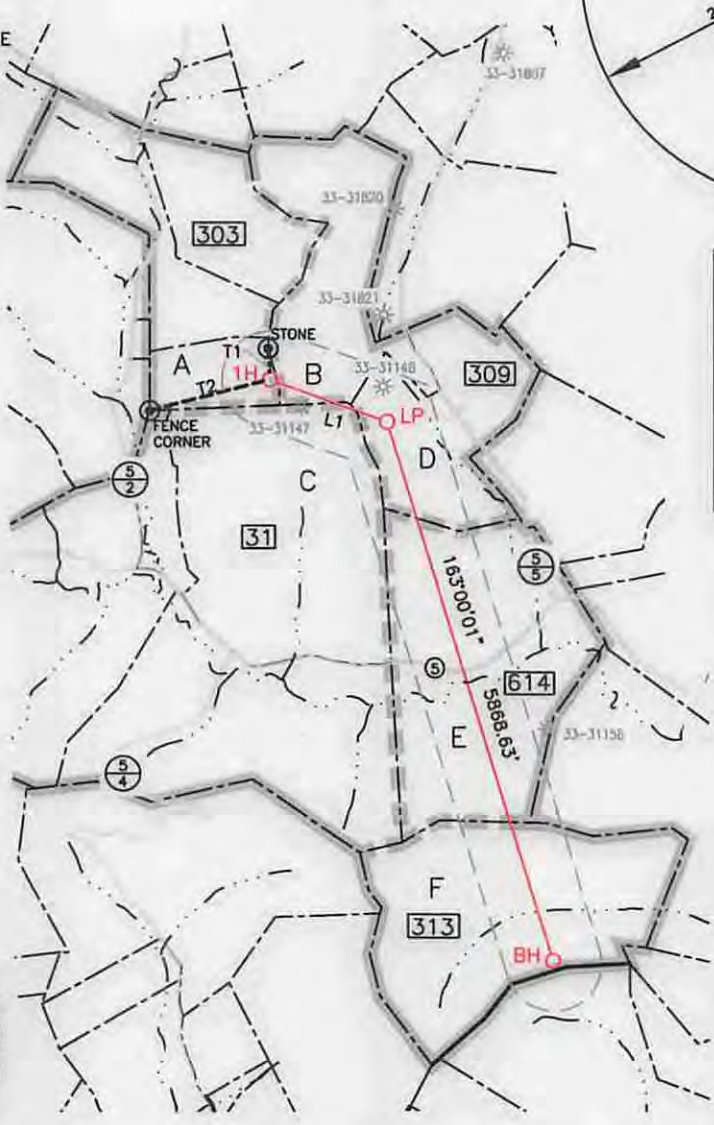
- THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL 1HM.
- THERE ARE NO (0) DWELLINGS OR AGRICULTURAL STRUCTURES USED FOR HOUSING LIVESTOCK WITHIN 625' OF WELL 1HM.
- THE LEASE BOUNDARIES SHOWN FROM DATA PROVIDED BY STATOIL NORTH AMERICA, INC.

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



- 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

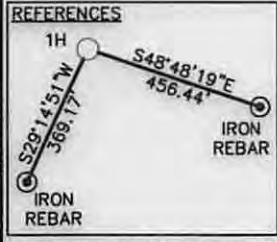
TH BH  
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP



**WELL NO. 1H TOP HOLE**  
STATE PLANE COORDINATES (NORTH ZONE-NAD 83-METER)  
N:97111.8  
E:512880.2  
GEO: LAT:39°22'13.2"  
LON:80°30'39.8"  
UTM COORDINATES-ZONE17 (NAD 83-METER)  
N:4357988.2  
E:542116.8

**WELL NO. 1H LANDING POINT**  
STATE PLANE COORDINATES (NORTH ZONE-NAD 83-METER)  
N:96976.4  
E:513251.2  
GEO: LAT:39°22'08.9"  
LON:80°30'24.2"  
UTM COORDINATES-ZONE17 (NAD 83-METER)  
N:4357859.0  
E:542489.9

**WELL NO. 1H BOTTOM HOLE**  
STATE PLANE COORDINATES (NORTH ZONE-NAD 83-METER)  
N:95265.8  
E:513774.2  
GEO: LAT:39°21'13.7"  
LON:80°30'01.6"  
UTM COORDINATES-ZONE17 (NAD 83-METER)  
N:4356157.9  
E:543041.2



L1	110°03'24"	1295.74'
T1	S03°48'28"E	319.45'
T2	N75°20'37"E	1295.82'



TM	PAR	SURFACE OWNER	ACRES
A	202 24	JOY LEE HANNA	20.5
B	203 23	JEFFREY & MELVINA WILLIAMS	69.0
C	222 2.11	FRANK SWIGER	122.9
D	203 33	LUCY WILLIAMS ESTATE	61.6
E	223 1	DAVID DAVIS, LEOMI POLING, & SHIRLEY KIGHT	127.4
F	223 12	ROSSCO LLC	115.8



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.

FILE NO. 030-2633	DATE OCTOBER 22, 2014
SCALE: 1"=2000'	OPERATOR'S WELL NO. GOODWIN #1-1H
MINIMUM DEGREE OF ACCURACY: 1 in 2500	API WELL NO.
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS	47 - 033 - 05863 H603
	STATE COUNTY PERMIT



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

LOCATION: EXISTING ELEVATION: 1,390.80' WATER SHED: McINTIRE FORK OF ROCKCAMP RUN  
PROPOSED ELEVATION: 1,362.00'

DISTRICT: SARDIS COUNTY: HARRISON

QUADRANGLE: SALEM 7.5' ACREAGE: 20.5 AC±

SURFACE OWNER: JOY LEE HANNA LEASE ACREAGE: 517.16 AC±

OIL & GAS ROYALTY OWNER(S): PEGGY V. LANE, ET.AL LEASE/LAURA GOFF DAVIS, ET.AL LEASE/CHARLES O. CONWAY, ET.AL LEASE  
MIKE ROSS, ET.AL LEASE/DEBORAH STAHL, ET.AL LEASE LEASE NO. 303/309/31/614/313

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: 7,654' TVD / 13,929' 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

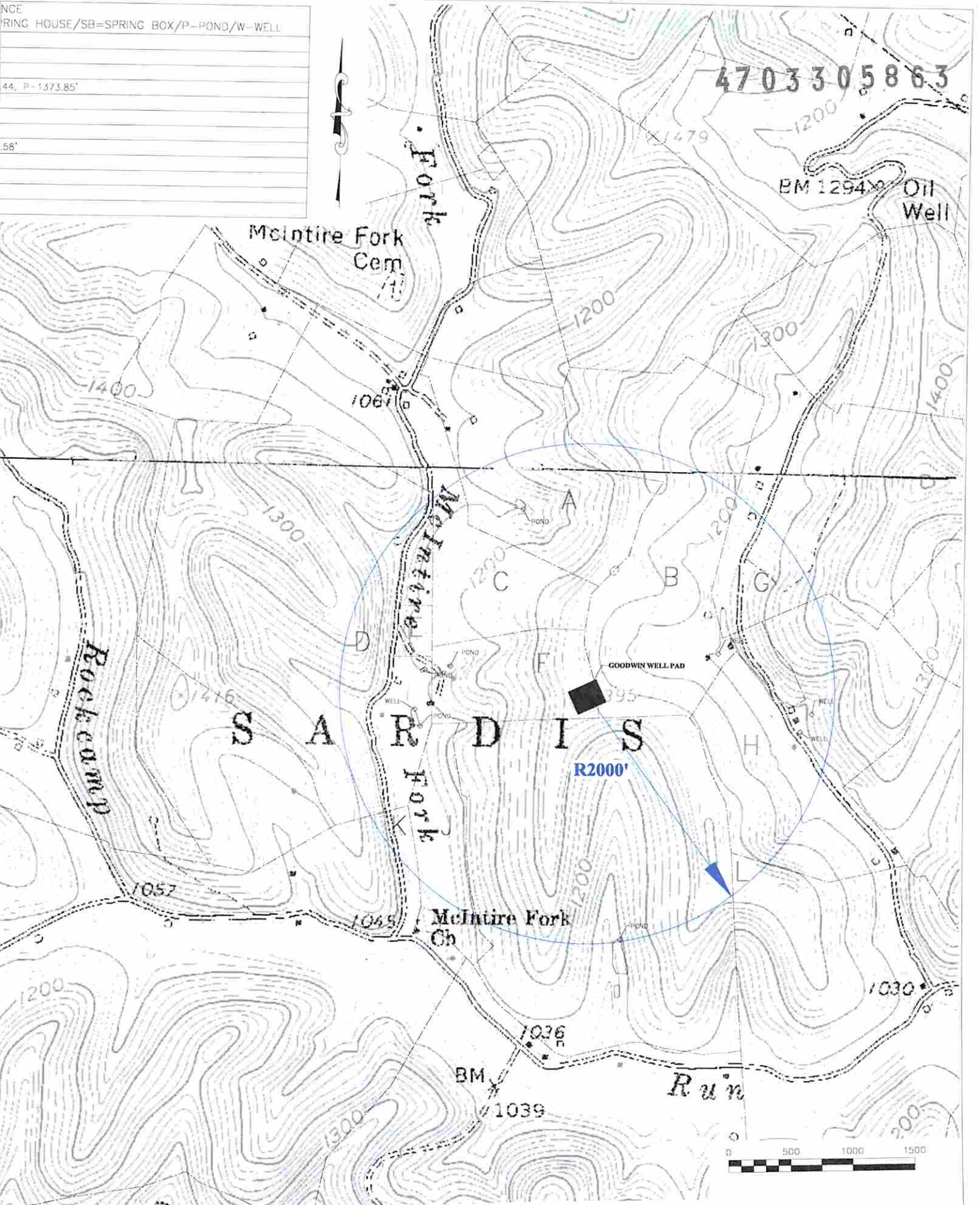


06/19/2015

USER: eivtle LAYOUT: 1HM PLOT DATE/TIME: 10/22/2014 - 12:41pm CAD FILE: L:\030-2633 - Statoil - Goodwin Well Plat.dwg



CE
RING HOUSE/SB=SPRING BOX/P=POND/W=WELL
44, P-1373.85'
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. 1  
**06/19/2015**