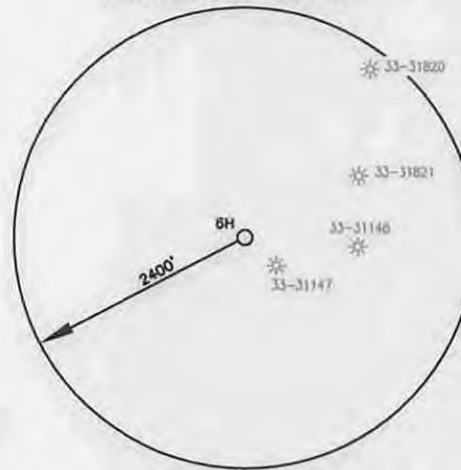


**STATOIL - GOODWIN #1-6H**

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

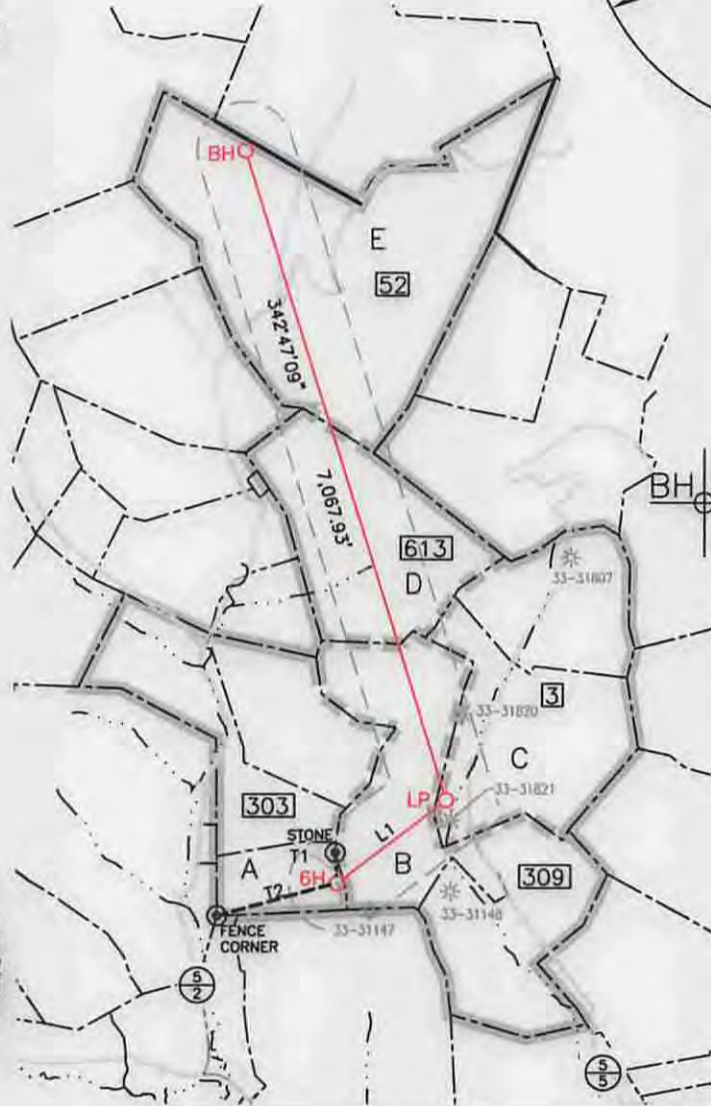
- THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL 6H.
- THERE ARE NO (0) DWELLINGS OR AGRICULTURAL STRUCTURES USED FOR HOUSING LIVESTOCK WITHIN 625' OF WELL 6H.
- THE LEASE BOUNDARIES SHOWN FROM DATA PROVIDED BY STATOIL NORTH AMERICA, INC.

L/N	GOODWIN #1-3H MINERAL OWNERS
303	DEBORAH STAHL, ET.AL. LEASE
309	PEGGY V. LANE, ET.AL. LEASE
3	WIL E. MORRIS, HEIRS TRUST LEASE
613	LAURA GOFF DAVIS, ET.AL. LEASE
52	LAURA GOFF DAVIS, 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
- COUNTY ROADS
- PROPERTY FEATURE
- MINERAL OWNER

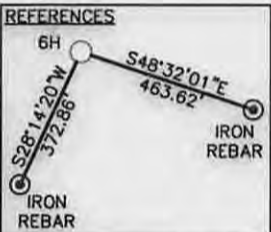
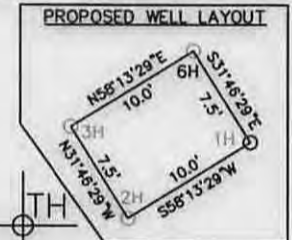
TH BH  
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP



**WELL NO. 6H  
TOP HOLE**  
STATE PLANE COORDINATES  
(NORTH ZONE-NAD 83-METER)  
N:97113.8  
E:512879.0  
GEO: LAT:39°22'13.26"  
LON:80°30'39.86"  
UTM COORDINATES-ZONE17  
(NAD 83-METER)  
N:4357990.1  
E:542115.6

**WELL NO. 6H  
LANDING POINT**  
STATE PLANE COORDINATES  
(NORTH ZONE-NAD 83-METER)  
N:97379.5  
E:513224.8  
GEO: LAT:39°22'22.00"  
LON:80°30'25.54"  
UTM COORDINATES-ZONE17  
(NAD 83-METER)  
N:4358261.5  
E:542456.8

**WELL NO. 6H  
BOTTOM HOLE**  
STATE PLANE COORDINATES  
(NORTH ZONE-NAD 83-METER)  
N:99437.3  
E:512587.2  
GEO: LAT:39°23'28.50"  
LON:80°30'53.15"  
UTM COORDINATES-ZONE17  
(NAD 83-METER)  
N:4360307.7  
E:541785.2



L1	52°27'25"	1,430.79'
T1	S03°09'48"E	312.84'
T2	N75°01'34"E	1293.63'



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

TM	PAR	SURFACE OWNER	ACRES
A	202 24	JOY LEE HANNA	20.5
B	203 23	JEFFERY & MELVINA WILLIAMS	69.0
C	203 24	ENOCH & GAY MCCOY	74.6
D	203 1	SHERRY STARKEY, RENE KNIGHT, & REBECCA KNIGHT	80.6
E	183 52	SHERRY STARKEY, RENE KNIGHT, & REBECCA KNIGHT	170.5

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

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 #1-6H

API WELL NO.

47 - 033 - 05866616A  
STATE COUNTY PERMIT

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

LOCATION: EXISTING ELEVATION: 1,390.70' 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: 415.2 AC+

OIL & GAS ROYALTY OWNER(S): LAURA GOFF DAVIS, ET.AL. LEASE/PEGGY V. LANE, ET.AL. LEASE/WIL E. MORRIS, HEIRS TRUST LEASE  
DEBORAH STAHL, ET.AL. LEASE LEASE NO. 303/309/3/613/52

**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)

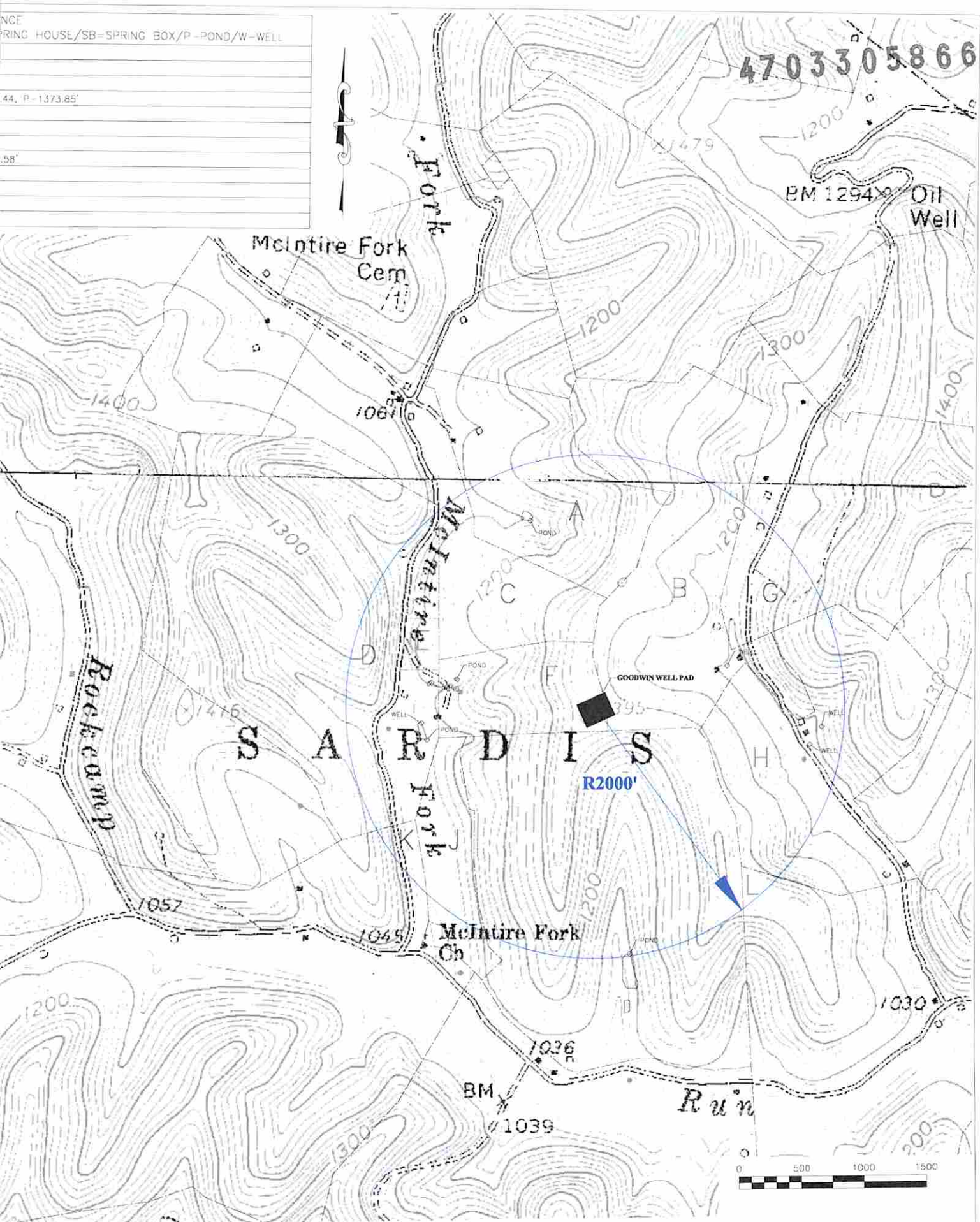
PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,656' TVD / 15,270' 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

ANCE
PRING HOUSE/SB-SPRING BOX/P-POND/W-WELL
44, P-1373.85'
.58'



4703305866

BM 1294  
Oil Well

McIntire Fork  
Cem

McIntire  
Fork

Rockcamp

S A R R D I S H

R2000'

GOODWIN WELL PAD

McIntire Fork  
Ch

Run



**THRASHER**  
THE THRASHER GROUP INC.  
CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES  
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330  
PHONE (304) 624-8108 • 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**