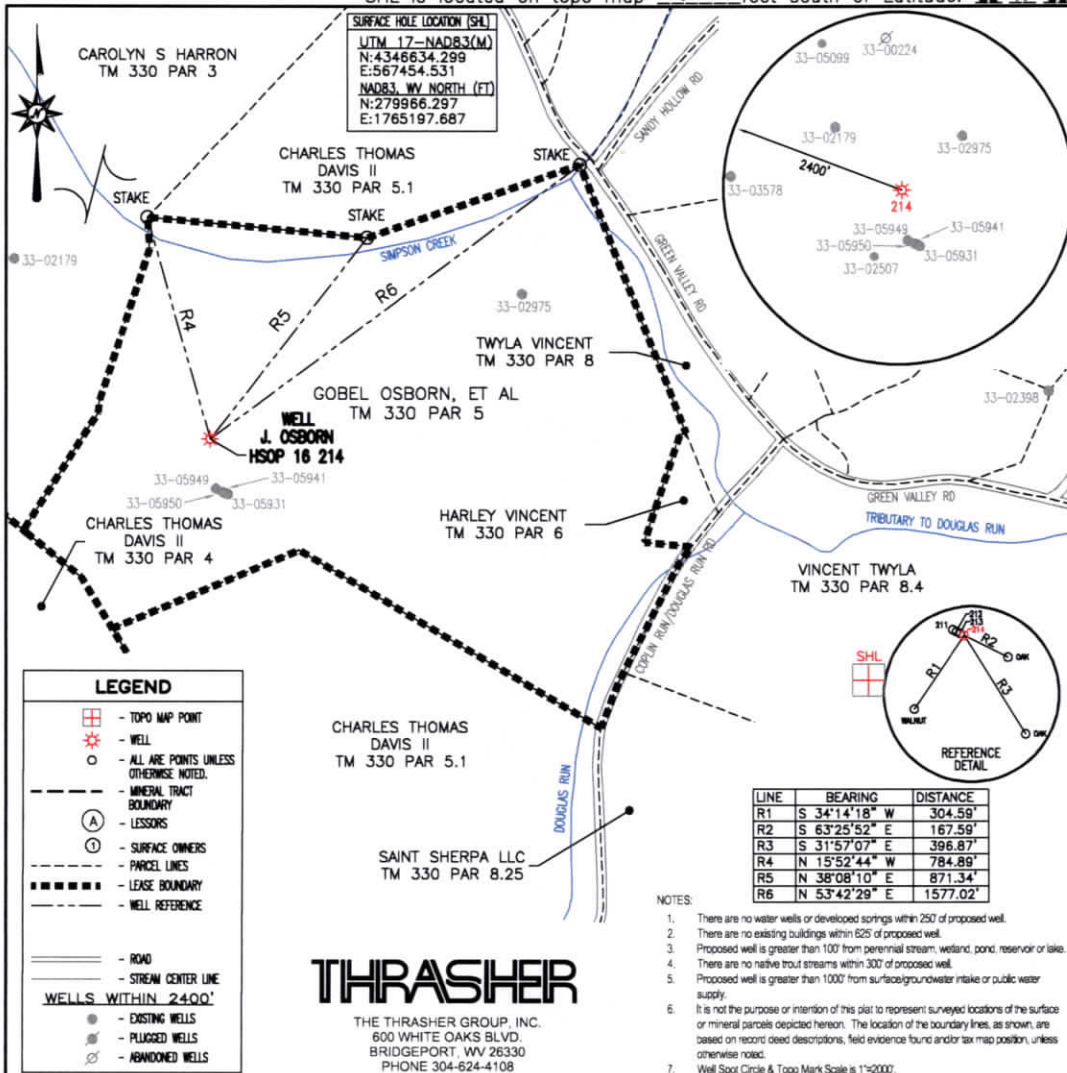


SHL is located on topo map 9,171 feet south of Latitude: 39° 17' 30"



SHL is located on topo map 2,829 feet west of Longitude: 80° 12' 30"

THRASHER

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

FILE #: J OSBORN HSOP 16 214 TH
DRAWING #: J OSBORN HSOP 16 214 TH
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *Joseph H. Lowther*
R.P.E.: _____ L.L.S.: P.S. No. 2346



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

DATE: JANUARY 30, 2025
OPERATOR'S WELL #: J OSBORN HSOP 16 214
API WELL #: 47 33
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SIMPSON CREEK ELEVATION: 1163.87±

COUNTY/DISTRICT: HARRISON / SIMPSON QUADRANGLE: ROSEMONT, WV 7.5'

SURFACE OWNER: JUDY M OSBORN (LE) (JUDY M OSBORN IRREVOCABLE TRUST) ACREAGE: 70.00±

OIL & GAS ROYALTY OWNER: GOBEL OSBORN, ET AL ACREAGE: 1,399.52±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7220±

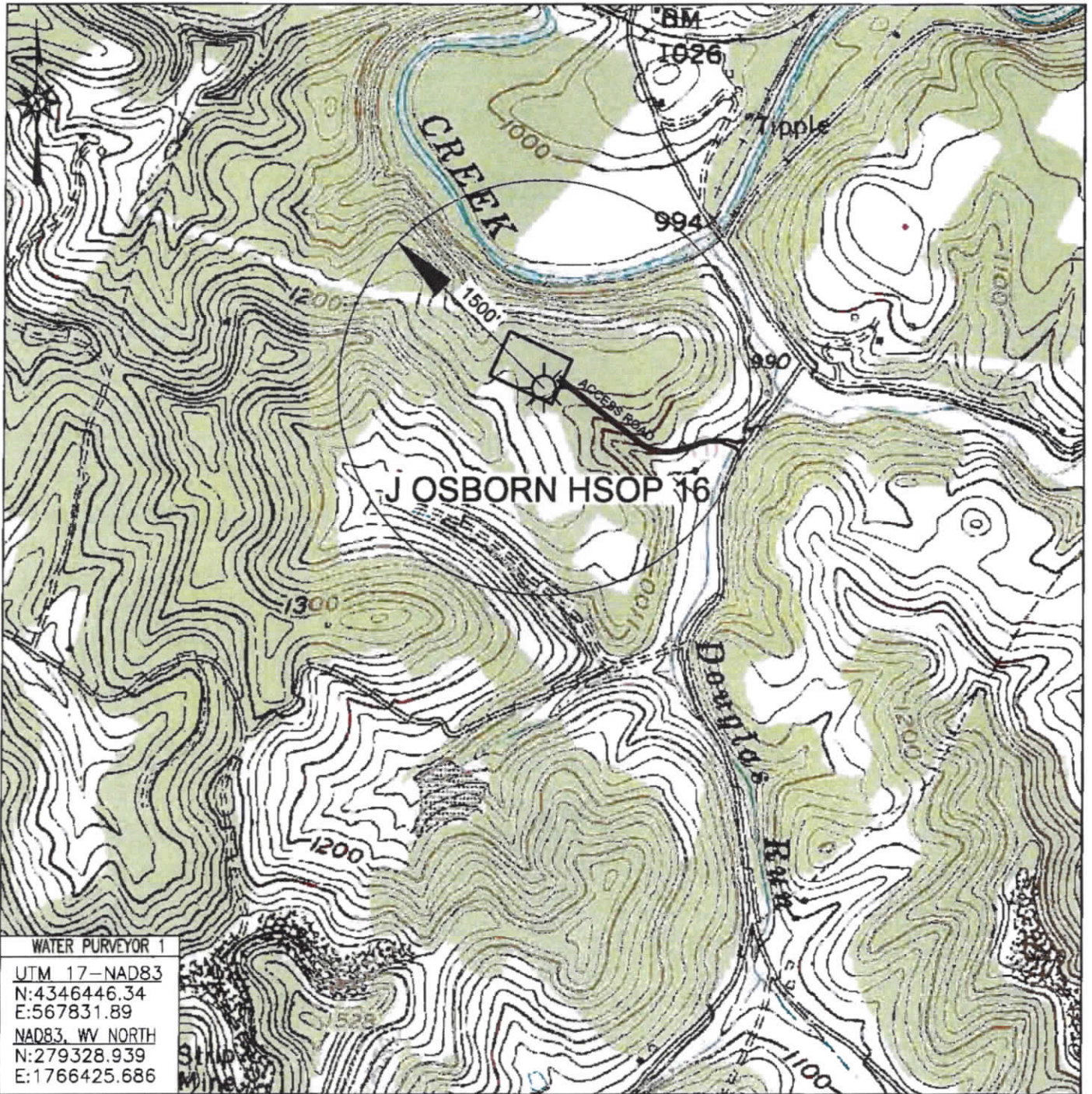
WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS
Address 6031 WALLACE ROAD EXTENSION, SUITE 200 Address 633 WEST MAIN ST.
City WEXFORD State PA Zip Code 15090 City BRIDGEPORT State WV Zip Code 26330

RECEIVED
Office of Oil and Gas

FEB 05 2025

03/14/2025

4703306087



WATER PURVEYOR 1
 UTM 17-NAD83
 N:4346446.34
 E:567831.89
 NAD83, WV NORTH
 N:279328.939
 E:1766425.686

PREPARED FOR:
 ARSENAL RESOURCES
 6031 WALLACE ROAD EXT, SUITE 300
 WEXFORD, PA 15090

J OSBORN HSOP 16
 WATER PURVEYOR MAP
 HARRISON COUNTY
 SIMPSON DISTRICT
 WEST VIRGINIA



Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

LEGEND
 ① - POSSIBLE WATER PURVEYOR
 Office of Oil and Gas

TOPO QUAD: ROSEMONT, WV
 SCALE: 1" = 1000'
 DATE: MAY 25, 2018

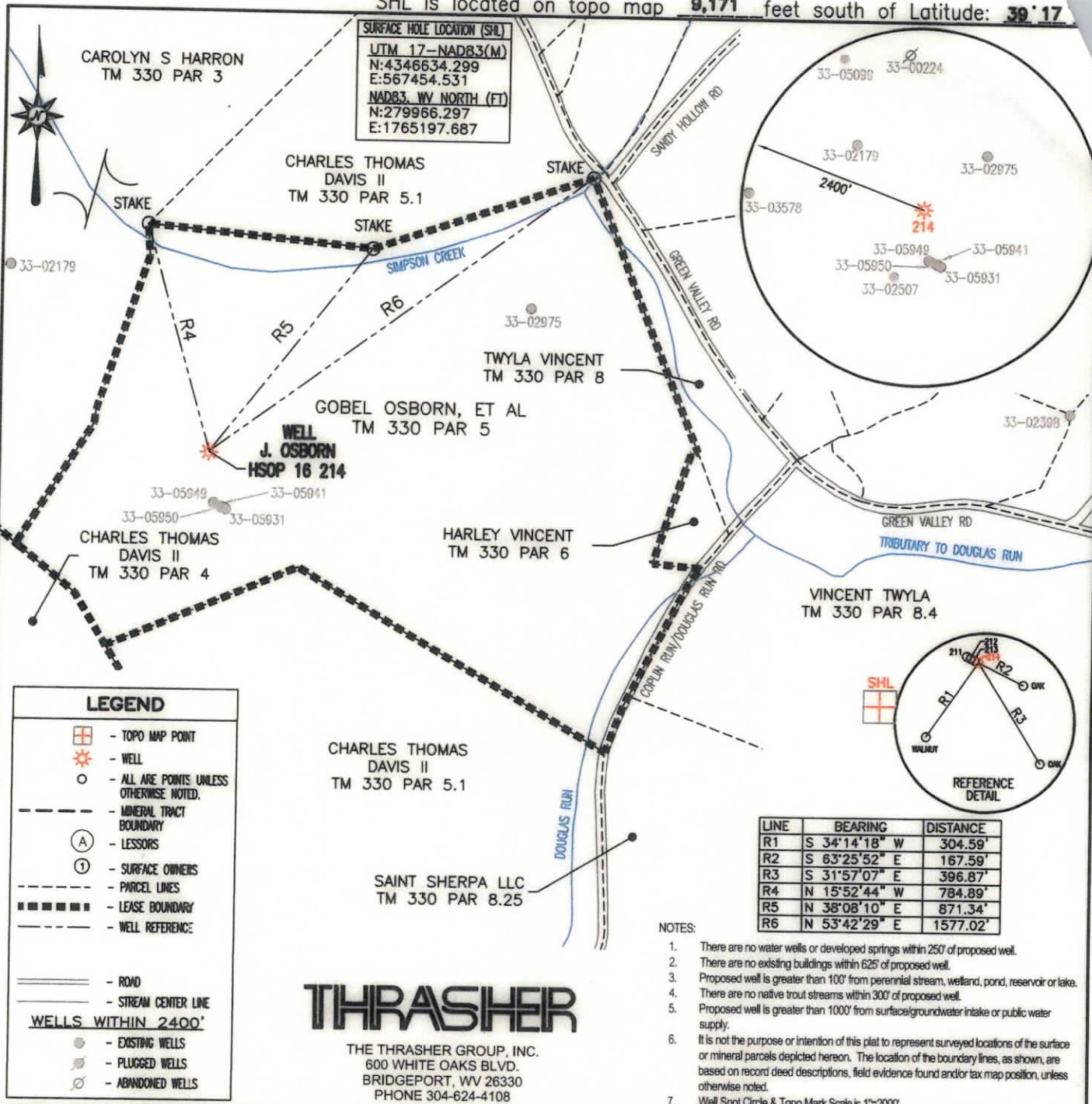
FEB 05 2025

WV Department of Environmental Protection

03/14/2025

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located on topo map **2,829** feet west of Longitude: **80°12'30"**



SURFACE HOLE LOCATION (SHL)
 UTM 17-NADB3(M)
 N:4346634.299
 E:567454.531
 NADB3, WV NORTH (FT)
 N:279966.297
 E:1765197.687

CAROLYN S HARRON
 TM 330 PAR 3

CHARLES THOMAS
 DAVIS II
 TM 330 PAR 5.1

TWYLA VINCENT
 TM 330 PAR 8

GOBEL OSBORN, ET AL
 TM 330 PAR 5

WELL
J. OSBORN
HSOP 16 214

CHARLES THOMAS
 DAVIS II
 TM 330 PAR 4

HARLEY VINCENT
 TM 330 PAR 6

VINCENT TWYLA
 TM 330 PAR 8.4

CHARLES THOMAS
 DAVIS II
 TM 330 PAR 5.1

SAINT SHERPA LLC
 TM 330 PAR 8.25

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- LESSORS
- SURFACE OWNERS
- PARCEL LINES
- LEASE BOUNDARY
- WELL REFERENCE
- ROAD
- STREAM CENTER LINE

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

LINE	BEARING	DISTANCE
R1	S 34°14'18" W	304.59'
R2	S 63°25'52" E	167.59'
R3	S 31°57'07" E	396.87'
R4	N 15°52'44" W	784.89'
R5	N 38°08'10" E	871.34'
R6	N 53°42'29" E	1577.02'

- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
 7. Well Spot Circle & Topo Mark Scale is 1"=2000'.

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