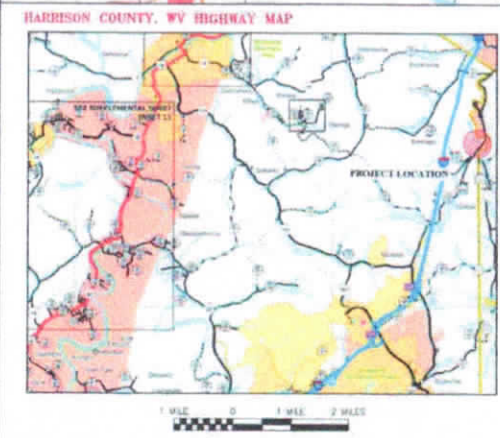
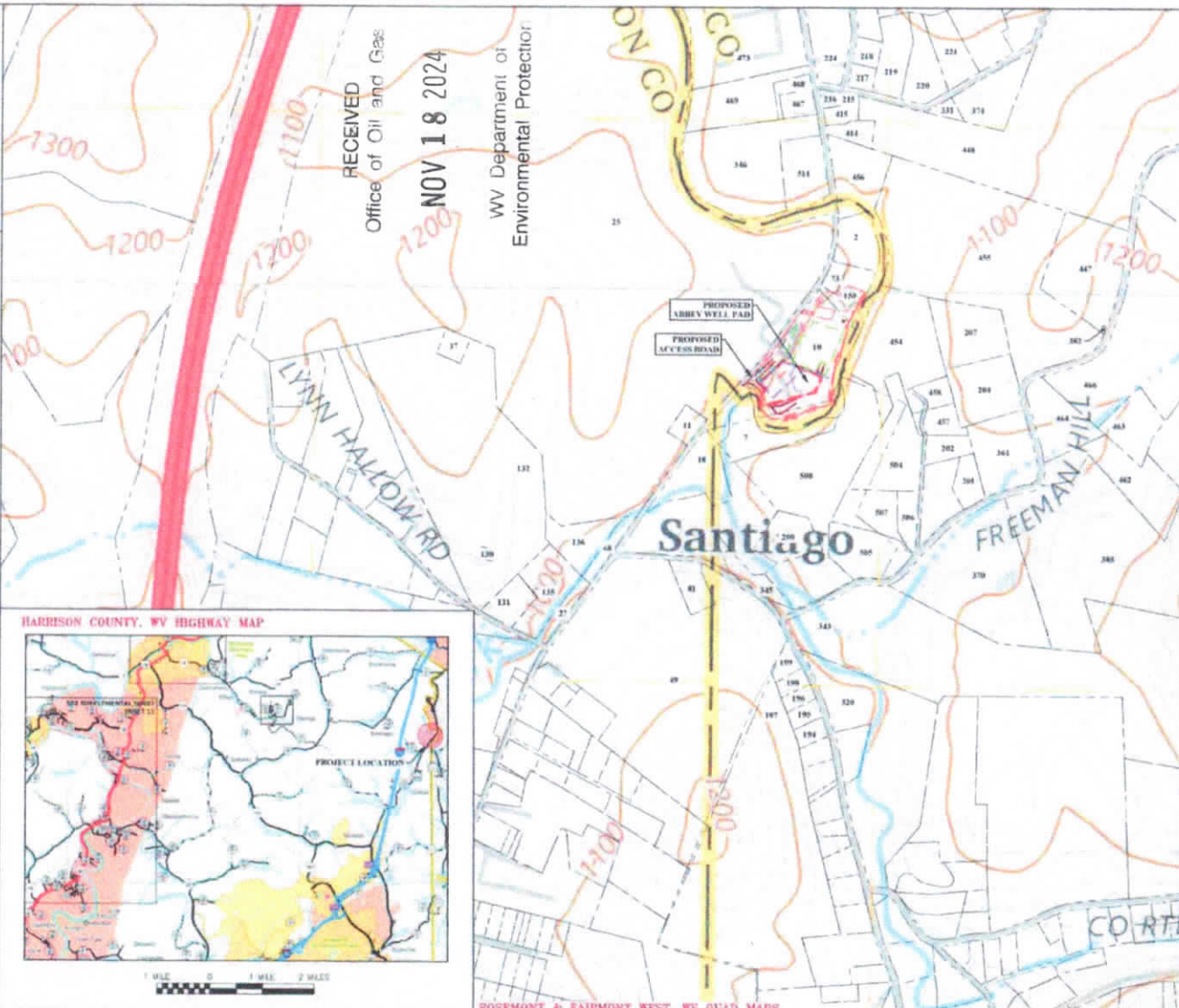


4703306048

PLAN LEGEND

- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- PROPOSED LIMIT OF RIGHT-OF-WAY
- PROPOSED 50-FOOT EASEMENT
- PROPOSED 100-FOOT EASEMENT
- PROPOSED WELL PAD FOOTPRINT BOUNDARY
- 200-FT BUFFER FROM PAD
- 500-FT BUFFER FROM PAD
- AREAS WITHIN LINES WILL BE SAME AS SHOWN

NO.	DATE	DESCRIPTION	BY	CHECKED
1	11/18/2024	ISSUED FOR REVIEW	J. HARRISON	
2	11/18/2024	REVISIONS	J. HARRISON	
3	11/18/2024	REVISIONS	J. HARRISON	
4	11/18/2024	REVISIONS	J. HARRISON	
5	11/18/2024	REVISIONS	J. HARRISON	
6	11/18/2024	REVISIONS	J. HARRISON	
7	11/18/2024	REVISIONS	J. HARRISON	
8	11/18/2024	REVISIONS	J. HARRISON	
9	11/18/2024	REVISIONS	J. HARRISON	
10	11/18/2024	REVISIONS	J. HARRISON	
11	11/18/2024	REVISIONS	J. HARRISON	
12	11/18/2024	REVISIONS	J. HARRISON	
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15	11/18/2024	REVISIONS	J. HARRISON	
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91	11/18/2024	REVISIONS	J. HARRISON	
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97	11/18/2024	REVISIONS	J. HARRISON	
98	11/18/2024	REVISIONS	J. HARRISON	
99	11/18/2024	REVISIONS	J. HARRISON	
100	11/18/2024	REVISIONS	J. HARRISON	



RECEIVED
Office of Oil and Gas
NOV 18 2024
WV Department of
Environmental Protection

NOT FOR CONSTRUCTION
2024-09-23

Diversified
Production LLC

DATE:	11/18/2024
CLIENT:	DP
PROJECT:	DP
APPROVED:	DP
DATE:	11/18/2024
BY:	DP
FOR:	DP
SCALE:	AS SHOWN
TITLE:	DP
FILE NO.:	DP

THRASHER
THE ENGINEERING GROUP, INC.
200 N. HARRISON ST., SUITE 100
HARRISON, WV 25855
PHONE: 800-444-4444 FAX: 304-324-1000

PROJECT NO.:	170-11275
DATE:	11/18/2024
BY:	DP
FOR:	DP

DIVERSIFIED PRODUCTION, LLC
ISSUED FOR REVIEW PLANS FOR THE
ABBEY WELL PAD
HARRISON COUNTY, WV
POTENTIAL WATER SOURCES

WW-9

ABBEY SOUTH WELL BMH		
ID	SURFACE OWNER	DIST-TM-PAR
1	LONG RIDGE WEST VIRGINIA LLC	5-210-44.2
2	SANDRA LOU TAYLOR	P/O 3-6-16.1
3	DOREEN M. & LEONARD L. LARSON	3-6-13
4	CHARLES THOMAS & MILDRED C. LITTLE	3-6-12
5	TERRY D. & PATRICIA WYER	3-6-26.1
6	TERRY D. & PATRICIA WYER	3-6-26
7	BEVERLY SUE & SCOTT A. MARKS	3-6-26.2
8	DAVID & BARBARA PYBUS	3-6-37.2
9	ELTON O. JR & CONSTANCE C. FITZPATRICK	3-6-37.3
10	ELTON O. JR & CONSTANCE C. FITZPATRICK	3-6-37
11	ROBERT C. & DIANA L. BOYLE	3-6-36.1
12	THOMAS I. MCDANIEL, JR & KATHY L. MCDANIEL	3-6-38
13	JOHN DALE MAULLER	3-6-51.1
14	TIMOTHY B. MCDANIEL & KATHLEEN M. WITHAM	3-6-51.2
15	ROSE MARIE WOLFE REVOCABLE LIVING TRUST	3-6-49.3
16	MIA RAE GRESAK & CAMERON AUSTIN MORRIS	3-6-49.1
17	ERIK & STEPHANIE A. HURST	3-6-50
18	MARK V. SCHUMACHER	3-6-60
19	MARK V. SCHUMACHER	3-13-26
20	MARK V. SCHUMACHER	3-13-27
21	JAMES MARK & BARBARA KAY FERGUSON	3-13-34.1
22	JOSEPH BLAINE FERGUSON	3-13-34
23	DEBORAH C. TENDA & TIMOTHY M. BOES	3-13-32.2
24	CARL LEE WARNER	3-13-36.2
25	SELBY R. & ROSEMARY B. WOODS	3-13-36.3
26	DAWN L. HECK	3-13-37.2
27	KEITH J. & JANE L. HADDIX	3-13-37.5

ABBEY SOUTH WELL BMH		
ID	SURFACE OWNER	DIST-TM-PAR
28	BRETT A. SCHROCK	P/O 3-13-39
29	EVAN & WHITNEY HELMS KLIETHERMES	3-13-41
30	EVAN M. & WHITNEY M. KLIETHERMES	3-13-44
31	EVAN M. KLIETHERMES	3-13-42
32	DIEDRE FAE SNOW	3-13-43
33	RUSSELL HALL	3-14-38
34	HARMONY GROVE BAPTIST CHURCH TRS OF	3-14-19
35	CHARLES E. PRYOR	3-15-5
36	MARTHA JANE FINDLEY	3-15-8.1

SEE PAGE 2 FOR LESSOR INFO
SEE PAGE 3 FOR PLAT DUE TO LENGTH OF LATERAL

THRASHER

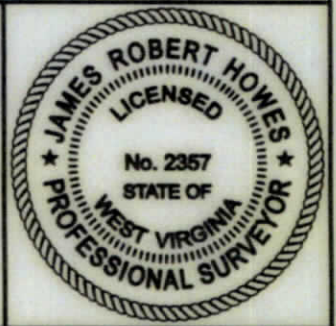
THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108



Diversified
Production LLC

FILE #: T70-11275 ABBEY WELL PAD
DRAWING #: ABBEY SOUTH 8MH
SCALE: 1" = 2,000'
DATE: NOVEMBER 14, 2024

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.



MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE SURVEY GRADE GPS OF ELEVATION: (NAVD 88, US FT)

SIGNED: James R Howes
R.P.E.: _____ L.L.S.: P.S. No. 2357



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

OPERATOR'S WELL #: ABBEY SOUTH 8MH
API WELL #: 47 33 06048
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: WEST FORK ELEVATION: 996.00'±
COUNTY/DISTRICT: HARRISON / CLAY-OUTSIDE QUADRANGLE: ROSEMONT, WV 7.5'
SURFACE OWNER: LONG RIDGE WEST VIRGINIA LLC ACREAGE: 6.77±
OIL & GAS ROYALTY OWNER: WILLOW CREEK MHV, LLC ACREAGE: 6.77± 12/20/2024
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG PERFORATE NEW FORMATION
OTHER CHANGE (SPECIFY): _____
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: (LATERAL) TMD: 7,415'± TMD: 25,891'±

WELL OPERATOR: DIVERSIFIED PRODUCTION, LLC DESIGNATED AGENT: CHRIS VEASEY
ADDRESS: 101 MCQUISTON DRIVE ADDRESS: 400 SUMMER STREET
CITY: JACKSON CENTER STATE: PA ZIP CODE: 16133 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

ABBEY SOUTH WELL 8MH

ID	LEASE NUMBER	LESSOR	LEASE ACREAGE
A	101263000	WILLOW CREEK MHV	6.77
B	101282000, 101283000, 101272000, 101094000, 101069000, 101284000, 101271000, 101285000	SANDRA FAYE STACKHOUSE ET AL	4.39
C	101286000	LARRY B. & LAURA L. WEAVER	4.00
D	101250000	CHARLES THOMAS LITTLE	19.45
E	101182000	TERRY D. & PATRICIA WYER	5.98
F	101249000	TERRY D. & PATRICIA WYER	26.42
G	101182000	BEVERLY SUE & SCOTT A. MARKS	4.91
H	101281000	AUGUSTA RESOURCES, LLC	47.52
H	101281000	AUGUSTA RESOURCES, LLC	47.52
H	101281000	AUGUSTA RESOURCES, LLC	47.52
I	101290000	ROBERT C. & DIANA L. BOYLE	5.58
J	101300000	THOMAS I. MCDANIEL, JR & KATHY L. MCDANIEL	14.59
K	101301000	JOHN DALE MAULLER	4.86
L	101302000	TIMOTHY B. MCDANIEL & KATHLEEN M. WITHAM	14.92
M	101303000	THE ERNEST AND ROBERTA SCHUMACHER IRREVOCABLE TRUST	20.61
M	101303000	THE ERNEST AND ROBERTA SCHUMACHER IRREVOCABLE TRUST	20.61
N	100945000	ERIK & STEPHANIE A. HURST	11.56
O	BP070829	S.M. ROBINSON	46.00
P	BP059059	A.C. MORRIS	46.00
Q	BP066857	M.B. TOLLEY	85.00
R	BP067020	NANCY HUNSACKER	15.00
S	101304000, 101105000, 101103000	SENECA-UPSHUR PETROLEUM, LLC ET AL	11.90
T	BP059113	ROY ELDER	50.00
U	BP064885	A.G. CALIFF	18.00
V	BP057189	RUFUS HOLDEN ET UX	43.00
W	BP067174	L.R. DAVIS	51.00
X	BP049762	CHARLES H PAYNE	100.25
Y	BP067021	L.R. DAVIS	12.00
Z	BP066889	DORSEY CROPP	16.00
AA	BP067189	H.D. SMALLWOOD	30.00
BB	101269000	CHARLES E. FINDLEY AND CLARICE GAIL FINDLEY	63.75

SEE PAGE 1 FOR SURFACE OWNER INFO
SEE PAGE 3 FOR PLAT DUE TO LENGTH OF LATERAL

THRASHER

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



Diversified
Production LLC

FILE #: T70-11275 ABBEY WELL PAD
DRAWING #: ABBEY SOUTH 8MH
SCALE: 1" = 2,000'
DATE: NOVEMBER 14, 2024

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.



MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE SURVEY GRADE GPS OF ELEVATION: (NAVD 88, US FT)

SIGNED: [Signature]
R.P.E.: _____ L.L.S.: P.S. No. 2357



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

OPERATOR'S WELL #: ABBEY SOUTH 8MH
API WELL #: 47 33 06048
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: WEST FORK ELEVATION: 996.00'±
COUNTY/DISTRICT: HARRISON / CLAY-OUTSIDE QUADRANGLE: ROSEMONT, WV 7.5'
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DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG PERFORATE NEW FORMATION
OTHER CHANGE (SPECIFY): _____
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: (LATERAL) TMD: 7,415'± TMD: 25,891'±

WELL OPERATOR: DIVERSIFIED PRODUCTION, LLC DESIGNATED AGENT: CHRIS VEASEY
ADDRESS: 101 MCQUISTON DRIVE ADDRESS: 400 SUMMER STREET
CITY: JACKSON CENTER STATE: PA ZIP CODE: 16133 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

BHL is located on topo map 1,025 feet south of Latitude: 39° 20' 00"
 SHL is located on topo map 14,738 feet south of Latitude: 39° 22' 30"

ABBHEY SOUTH 8MH

PAGE 3 OF 3

WELL PAD
ORIENTATION
DETAIL
NTS



LEGEND

- TOPO MAP POINT
- PRO. SURFACE HOLE / BOTTOM HOLE
- PRO. LANDING POINT LOCATION / TURNING POINT
- EXISTING GAS WELLS
- PERMITTED GAS WELLS
- PLUGGED GAS WELLS
- ABANDONED GAS WELLS
- REFERENCE POINT
- LEASE BOUNDARY
- SURVEYED PARCEL
- ADJACENT PARCEL
- COUNTY LINE
- LESSORS
- SURFACE OWNERS
- PROPOSED WELL PATH
- ROAD CENTER LINE
- STREAM CENTER LINE

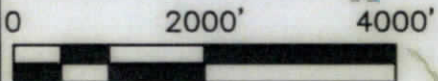
GRID NORTH
WV STATE PLANE
NORTH ZONE NAD83 (2011)

- WELL RESTRICTIONS**
- NO OCCUPIED DWELLINGS WITHIN 625 FEET OF CENTER OF PAD.
 - NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
 - NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
 - NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS.

- NOTES ON SURVEY**
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
 - THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 - ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
 - ALL STREAMS AND ROADS DEPICTED HEREON ARE FROM DATA PROVIDED BY OTHERS.
 - ALL EXISTING GAS WELL INFORMATION DEPICTED HEREON ARE FROM THE WV DEP WEBSITE. (DEP.WV.GOV)

LINE	BEARING	DISTANCE
L1	S 68°25'15" W	238.57
L2	N 56°04'28" E	484.73
L3	N 23°13'54" E	526.60
L4	N 45°00'17" W	173.36

SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)
NORTHING: 4358554.976	NORTHING: 319007.378
EASTING: 568826.350	EASTING: 1770350.077
LANDING POINT LOCATION (LPL)	
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)
NORTHING: 4358707.166	NORTHING: 319452.649
EASTING: 569816.758	EASTING: 1773608.254
BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)
NORTHING: 4353785.223	NORTHING: 303203.380
EASTING: 571624.446	EASTING: 1779271.035



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



47-033-06048
 SEE PAGE 1 FOR SURFACE OWNERS
 SEE PAGE 2 FOR LESSOR INFO

BHL is located on topo map 660 feet west of Longitude: 80° 10' 00"
 SHL is located on topo map 9,724 feet west of Longitude: 80° 10' 00"

12/20/2024