

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-009-00163 County BROOKE District CROSS CREEK
Quad STUEBENVILLE EAST WV Pad Name OV ROYALTY TRUST LLC-BRK-PAD1 Field/Pool Name PANHANDLE
Farm name THE TRUST OF GENE VALENTINE Well Number OV ROYALTY TRUST LLC BRK 201H
Operator (as registered with the OOG) SWN PRODUCTION COMPANY LLC
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,459,556.433 Easting 535,334.284
Landing Point of Curve Northing 4,459,484.306 Easting 535,785.207
Bottom Hole Northing 4,461,629.349 Easting 533,977.150

Elevation (ft) 1181' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
SOBM

Date permit issued 07/28/2015 Date drilling commenced 08/15/2015 Date drilling ceased 10/24/2015
Date completion activities began 08/04/2016 Date completion activities ceased 08/21/2016
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission

Freshwater depth(s) ft 257' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 495' Void(s) encountered (Y/N) depths 210.5' - 216'
Coal depth(s) ft 210.5' Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N

APPROVED

NAME: Eric Blend
DATE: 1-25-17

Reviewed by:
EB 1-25-17

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API 47-009 00163 Farm name THE TRUST OF GENE VALENTINE Well number OV ROYALTY TRUST LLC BRK 201H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	28"	20"	131'	NEW	J-55/94#		Y
Surface	17.5"	13.375"	345'	NEW	J-55/54.5#	163'; 188'	Y, 2 BBLs RETURNED
Coal	SEE SURFACE						
Intermediate 1	12.25"	9.625"	1,617'	NEW	J-55/36#		Y, 30 BBLs RETURNED
Intermediate 2							
Intermediate 3							
Production	8.50"	5.5"	14,123'	NEW	HCP-110/20#		Y
Tubing		2.375"	6,486'	NEW	P-110/4.60#		N
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	150	17.20			SURFACE	24
Surface	CLASS A	287	15.60	1.20	344.40	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	610	15.60	1.20	732	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	840/1746	15.60	1.23/1.19	1033.20/2077.74	SURFACE	24
Tubing	N/A						

Drillers TD (ft) 14,123' Loggers TD (ft) 14,123'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure _____

Kick off depth (ft) 5,144' _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 181 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____
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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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Perforation Information

STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	7/31/2016	13,802	13,959	54
2	8/4/2016	13,542	13,739	42
3	8/5/2016	13,282	13,476	42
4	8/5/2016	13,022	13,219	42
5	8/5/2016	12,762	12,959	42
6	8/5/2016	12,502	12,699	42
7	8/5/2016	12,242	12,439	42
8	8/6/2016	11,982	12,179	42
9	8/6/2016	11,722	11,919	42
10	8/6/2016	11,462	11,659	42
11	8/7/2016	11,202	11,399	42
12	8/7/2016	10,942	11,139	42
13	8/7/2016	10,682	10,879	42
14	8/7/2016	10,422	10,619	42
15	8/7/2016	10,162	10,359	42
16	8/8/2016	9,902	10,099	42
17	8/8/2016	9,642	9,839	42
18	8/8/2016	9,382	9,579	42
19	8/8/2016	9,122	9,319	42
20	8/8/2016	8,862	9,059	42
21	8/8/2016	8,602	8,799	42
22	8/9/2016	8,342	8,539	42
23	8/9/2016	8,082	8,279	42
24	8/9/2016	7,822	8,019	42
25	8/9/2016	7,562	7,759	42
26	8/10/2016	7,302	7,499	42
27	8/10/2016	7,042	7,239	42
28	8/10/2016	6,782	6,979	42
29	8/10/2016	6,522	6,719	42

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Stimulation Information

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave	Max	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/o ther
			Treatment Pressure (PSI)	Breakdown Pressure (PSI)				
1	7/31/2016	2	8,032	8,871	3,834	501,420	9,164	N/A
2	8/4/2016	2	7,986	8,742	4,523	502,120	7,399	N/A
3	8/5/2016	2	7,833	8,917	4,308	499,960	7,272	N/A
4	8/5/2016	2	7,327	8,433	4,425	501,088	7,345	N/A
5	8/5/2016	2	8,066	9,105	4,487	501,820	9,156	N/A
6	8/5/2016	2	7,521	8,393	4,309	504,600	7,608	N/A
7	8/5/2016	2	7,540	8,175	4,251	504,060	7,444	N/A
8	8/6/2016	2	7,259	8,778	4,428	503,160	9,312	N/A
9	8/6/2016	2	7,418	8,863	4,140	498,140	7,635	N/A
10	8/6/2016	2	7,772	9,025	6,781	432,260	6,926	N/A
11	8/7/2016	2	7,710	9,117	3,843	501,980	7,950	N/A
12	8/7/2016	2	7,334	8,039	4,359	499,200	7,910	N/A
13	8/7/2016	2	6,724	7,994	4,165	500,000	7,894	N/A
14	8/7/2016	2	7,639	9,244	3,875	494,980	7,421	N/A
15	8/7/2016	2	7,131	7,514	4,246	482,780	7,432	N/A
16	8/8/2016	2	7,357	8,691	3,880	496,480	8,216	N/A
17	8/8/2016	2	7,667	8,372	4,461	500,380	7,380	N/A
18	8/8/2016	2	6,988	8,790	4,310	500,540	7,485	N/A
19	8/8/2016	2	7,222	7,946	4,057	500,100	7,562	N/A
20	8/8/2016	2	6,936	7,472	3,861	495,820	7,164	N/A
21	8/8/2016	2	7,192	7,508	4,293	500,900	7,176	N/A
22	8/9/2016	2	7,036	7,870	4,240	503,840	7,358	N/A
23	8/9/2016	2	7,135	7,676	4,579	500,140	7,377	N/A
24	8/9/2016	2	7,020	7,370	4,194	498,940	6,950	N/A
25	8/9/2016	2	7,101	7,930	4,489	496,180	6,896	N/A
26	8/10/2016	2	6,919	7,544	4,542	498,920	6,856	N/A
27	8/10/2016	2	6,870	7,429	4,395	498,220	7,910	N/A
28	8/10/2016	2	7,087	8,313	4,581	499,980	7,372	N/A
29	8/10/2016	2	6,259	6,743	4,365	502,020	7,370	N/A

OV ROYALTY BRK 201H

Lithology

LITHOLOGY/FORMATION	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, TVD (FT)	TOP DEPTH, MD (FT)	BOTTOM DEPTH, MD (FT)	QUANTITY AND TYPE OF FLUID
Base of Fresh Water	N.A.	257.00	N.A.	257.00	
Top of Salt Water	495.00	N.A.	495.00	N.A.	
Pittsburgh Coal	210.5	216	236.5	242	Void Encountered
Big Injun (ss)	1292.30	1808.94	1297.00	1821.00	
Berea (siltstone)	1808.94	5224.94	1821.00	5361.71	
Rhinstreet (shale)	5224.94	5464.52	5361.71	5668.98	
Cashaqua (shale)	5464.52	5519.72	5668.98	5759.14	
Middlesex (shale)	5519.72	5565.19	5759.14	5848.70	
Burket (shale)	5565.19	5587.77	5848.70	5902.02	
Tully (ls)	5587.77	5638.12	5902.02	6038.68	
Mahantango (shale)	5638.12	5733.31	6038.68	6368.70	
Marcellus (shale)	5733.31	N.A.	6368.70	N.A.	Gas

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/4/2016
Job End Date:	8/10/2016
State:	West Virginia
County:	Brooke
API Number:	47-009-00163-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	OV Royalty Trust LLC BRK 201H
Latitude:	40 28575100
Longitude:	-80 58431700
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,762
Total Base Water Volume (gal):	9,113,412
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Schlumberger	N/A					
	Schlumberger		Water (Including Mix Water Supplied by Client)*	7732-18-5		83.87353	
	Schlumberger	Gelling Agent					
				Listed Below			

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* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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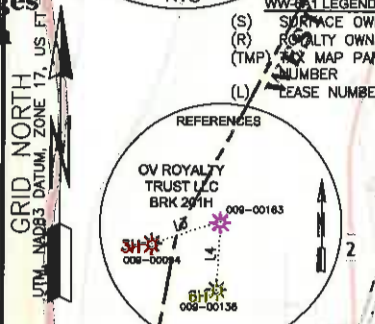
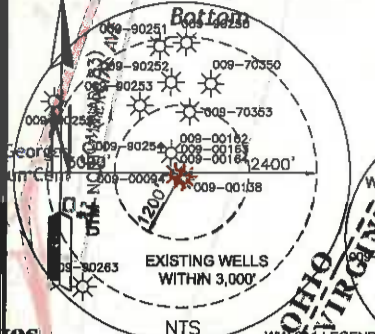
320 O'Bryan Lane • Van Buren, AR 72911
 Phone: 479.474.7916 • Fax: 479.474.2450
 Surveying • Mapping • Inc.com

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 33°40'37" W	3218.62'	SHL TO LANDMARK	FOUND IRON PIN
L2	S 27°24'41" W	26.31'	SHL TO IRON PIN	FOUND IRON PIN
L3	S 27°24'41" W	26.31'	SHL TO IRON PIN	FOUND IRON PIN
L4	S 03°12'41" W	23.72'	SHL TO REF. PNT.	OV ROYALTY TRUST LLC BRK 3H WELL (009-00138)
L5	N 65°34'23" W	1915.17'	SHL TO WATER WELL	
L6	N 78°32'46" W	2199.43'	SHL TO SPRING	
LINE	CHORD BEARING	CHORD DIST	CURVE LENGTH	DESCRIPTION
L7	S 82°30'59" W	116.91'		SHL TO LP
L8	N 20°38'31" W	7520.32'		LP-TO-BHL

Cross
 Creek Cem

SHL

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
2	CHARLES R BOGGS (S/R)	4-C22G-57	6.72
3	CHARLES V ISINGHOOD & BETTY ISINGHOOD (S/R)	4-C22G-32	13.00
4	JOHN ISINGHOOD (S/R)	4-C22G-83	5.00
5	CHARLES V ISINGHOOD & BETTY ISINGHOOD (S/R)	4-C22G-33	5.74
6	BETTY HANLON (S/R)	4-C22G-128	4.32
7	CAROLYN FREEMAN (S/R)	4-C22G-40	5.83
8	JOHN ISINGHOOD (S/R)	4-C22G-160	1.50
9	LISA M DELANY & SHAWN A DELANY (S) DANIEL R VIRTUE & DENISE L VIRTUE (S) EARL PRICE (R) LINDA ROSSER (R)	4-C22C-163	0.30
10	LISA M DELANY & SHAWN A DELANEY (S) LINDA ROSSER (R)	4-C22C-163.01	2.72
11	MYRTLE COX NURMI & OTHERS (S) ARETTA MINA ULRICH KEADLE (R) CHARLES MELVIN ULRICH (R) DAVID NURMI (R) JAMES M SIMPSON II (R) M L BUCHANAN JR (R) PRISCILLA GAY BUCHANAN (R) CHRISTINE ISABEL HARVEY (R) CHARLES M NURMI (R) WEATHER MARIE RUSGAMAN (R)	4-CC18-39	68.18
12	THOMAS M BOYD, RICHARD A BOYD, & DAVID S BOYD TRUSTEES IN TRUST (S) THOMAS J BOYD FAMILY TRUST (R)	4-CC18-62	59.82

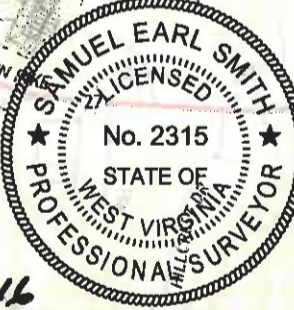
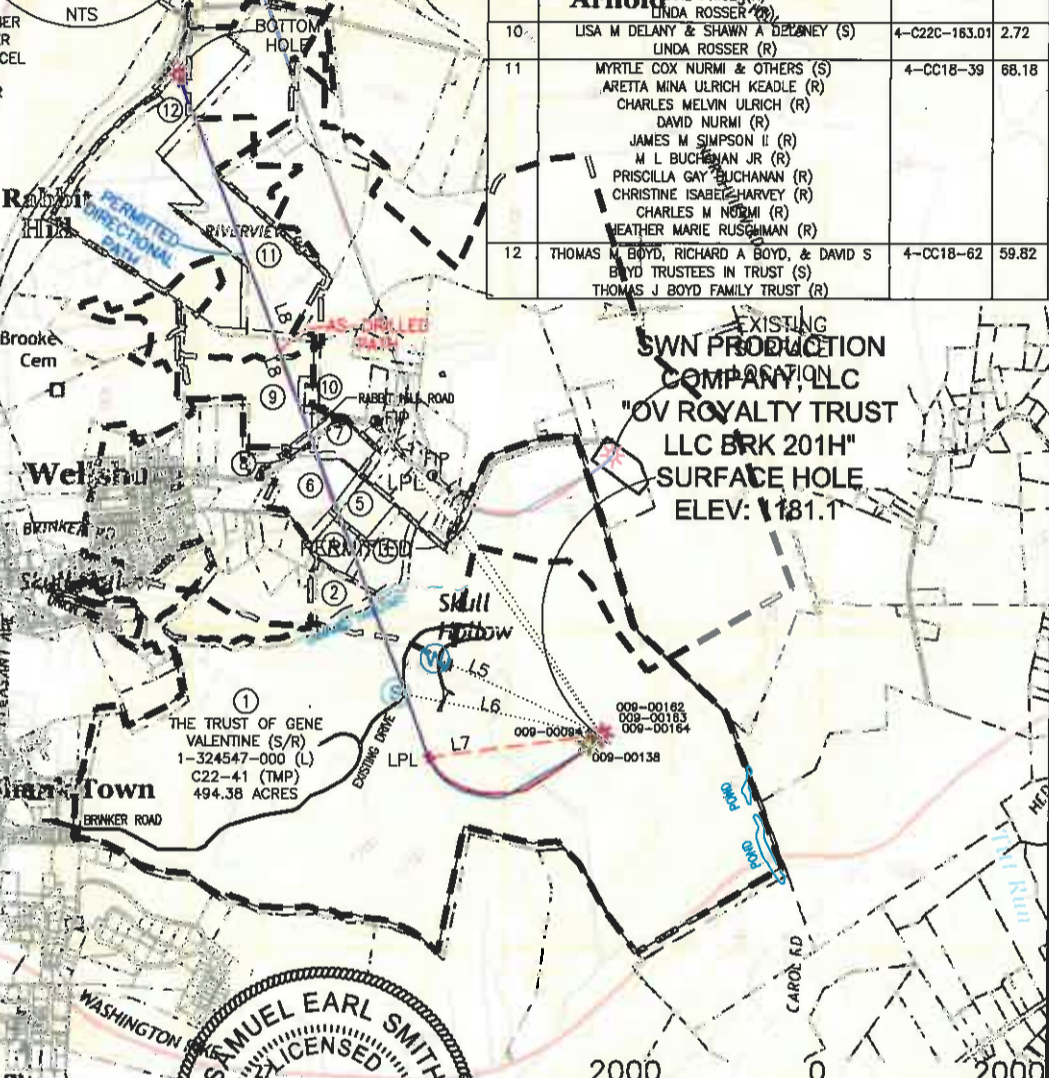


- NOTES ON SURVEY**
- COORDINATE SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 - SURFACE AND ROYALTY OWNERS AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
 - THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 - NO OCCUPIED DWELLINGS AND AGRICULTURE BUILDINGS GREATER THAN 2500 SQ FT. WITHIN ONE HUNDRED FEET OF PROPOSED CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
 - NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
 - 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 OR PUBLIC WATER SUPPLY.

SURFACE HOLE LOCATION (SHL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,459,556.435 EASTING: 535,834.284
LANDING POINT LOCATION (LPL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,459,484.306 EASTING: 534,785.207
BOTTOM HOLE LOCATION (BHL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,461,629.349 EASTING: 533,977.850

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 2315 *[Signature]* 07-27-16



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC

OV ROYALTY TRUST LLC BRK 201H

OPERATOR'S WELL #: 201H

API WELL #: 47 09 00163

STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: BUFFALO CREEK **Marshall** ELEVATION: 1181.1'

DISTRICT: CROSS CREEK **Terrace** COUNTY: BROOKE QUADRANGLE: STUEBENVILLE EAST WV.

SURFACE OWNER: THE TRUST OF GENE VALENTINE ACREAGE: ±494.38

OIL & GAS ROYALTY OWNER: THE TRUST OF GENE VALENTINE ACREAGE: ±494.38

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILL

TARGET FORMATION: MARCELLUS

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC

DESIGNATED AGENT: DEE SOUTHALL

ADDRESS: P.O. BOX 1300

CITY: JANE LEW STATE: WV

ZIP CODE: 26378

DATE: 08-18-2015

NOV 18 2015

LEGEND:

SWN PRODUCTION COMPANY, LLC	AS-DRILLED PATH
EXISTING / PRODUCING WELLHEAD	PERMITTED
ABANDONED WELL	DIRECTIONAL PATH
THE TRUST OF GENE VALENTINE	

REVISIONS:

DATE: 08-18-2015	BY: [Signature]
DATE: 08-24-2015	BY: S. HUTSON
DATE: 07-25-2016	BY: [Signature]

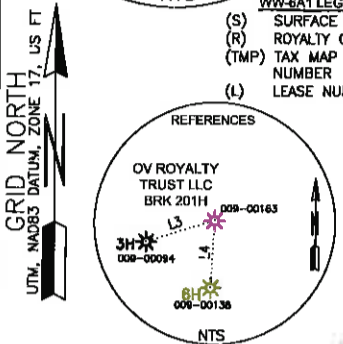
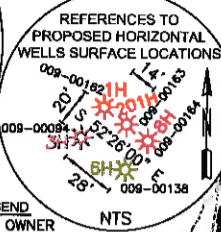
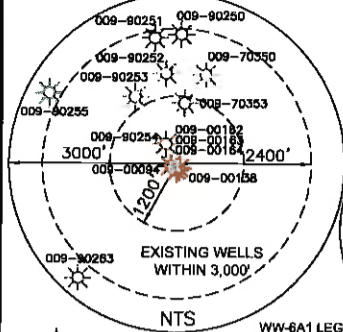
DRAWING NO: 59286

WELL LOCATION PLAN



320 O'Bryan Lane • Van Buren, AR 72956
Office: 479.474.7916 • Fax: 479.474.2450
Surveying • handa-inc.com

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WW-6A1 LEGEND
(S) SURFACE OWNER
(R) ROYALTY OWNER
(TMP) TAX MAP PARCEL NUMBER
(L) LEASE NUMBER

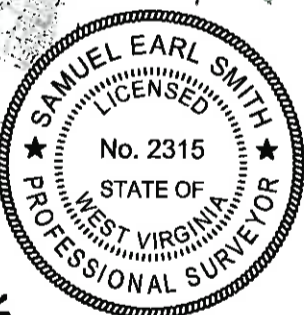
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8	JOHN ISINGHOOD (S/R)	4-C22C-180	1.50
9	LISA M DELANY & SHAWN A DELANY (S) DANIEL R VIRTUE & DIANE L VIRTUE (S) EARL PRICE (R) LINDA ROSSER (R)	4-C22C-163	0.30
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SWN PRODUCTION COMPANY, LLC
"OV ROYALTY TRUST LLC BRK 201H"
SURFACE HOLE
ELEV: 1181.1'

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 - NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
 - 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 OR PUBLIC WATER SUPPLY.

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,459,556.433 EASTING: 535,334.284
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,459,484.306 EASTING: 534,785.207
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,461,629.349 EASTING: 533,977.150

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



P.S. 2315 *[Signature]* 07-27-16

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC

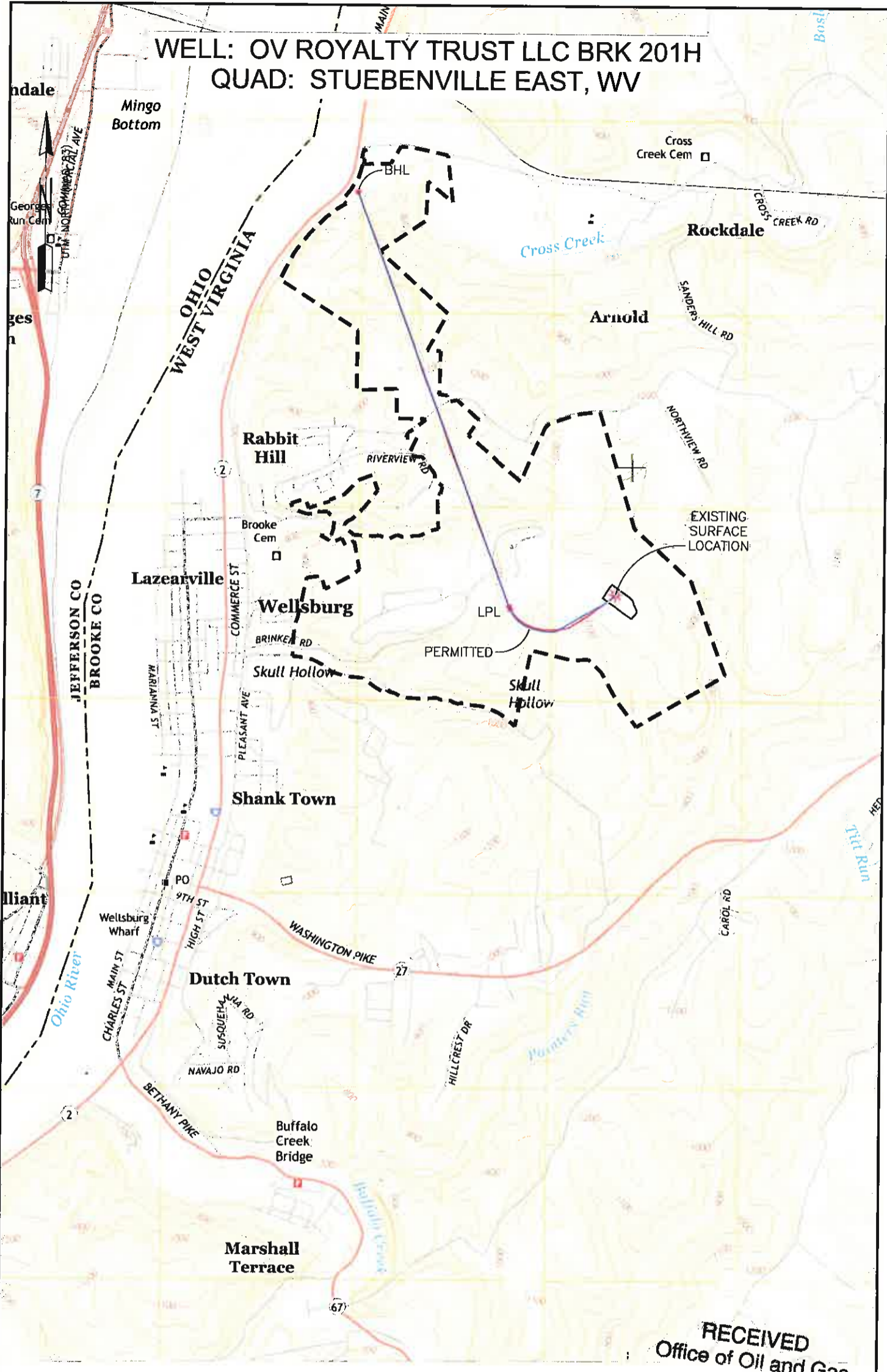
OV ROYALTY TRUST LLC BRK
OPERATOR'S WELL #: 201H
API WELL #: 47 09 00163
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: BUFFALO CREEK
DISTRICT: CROSS CREEK COUNTY: BROOKE
SURFACE OWNER: THE TRUST OF GENE VALENTINE
OIL & GAS ROYALTY OWNER: THE TRUST OF GENE VALENTINE
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED
TARGET FORMATION: MARCELLUS

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378
DESIGNATED AGENT: DEE SOUTHALL
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE
* EXISTING / PRODUCING WELLHEAD
* ABANDONED WELL
* PLUGGED & ABANDONED WELL
* CUT CONDUCTOR
--- LEASE BOUNDARY
--- AS-DRILLED PATH
--- PERMITTED DIRECTIONAL PATH
REVISIONS:
▲ UPDATED DIRECTIONAL PATH 08-20-2015
▲ CORRECTED COMMA PLACEMENT 08-20-2015
▲ UPDATED WITH AS-DRILLED DIRECTIONAL PATH, SCALE CHG 2000' 08-20-2015
▲ UPDATED PER. DIR. PATH, ADDED LPL COORDS 07-25-2016
DATE: 08-18-2015
DRAWN BY: S. HUTSON
SCALE: 1" = 2000'
DRAWING NO: 59286
WELL LOCATION PLAT

**WELL: OV ROYALTY TRUST LLC BRK 201H
 QUAD: STUEBENVILLE EAST, WV**



RECEIVED
 Office of Oil and Gas

NOV 16 2016

WV Department of Environmental Protection

NOTE:
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF PROPOSED GAS
 WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY.
 PROPERTY LINE AND OWNERS WERE OBTAINED FROM VARIOUS FIELD
 EVIDENCE, TAX RECORDS AND AERIAL MAPPING.

Applicant / Well Operator Name SWN PRODUCTION COMPANY, LLC	Well (Farm) Name OV ROYALTY TRUST LLC BRK
Address PO BOX 1300, JANE LEW, WV 76378	County - Code BROOKE - 09
Surface Landowner / Lessor THE TRUST OF GENE VALENTINE	District CROSS CREEK
	USGS 7 1/2 Quadrangle Map Name STUEBENVILLE EAST, WV