

11/09/2018



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Thursday, November 8, 2018
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit Modification Approval for DALLAS HALL OHI 3H
47-069-00271-00-00

Lateral Extension

SWN PRODUCTION COMPANY, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: DALLAS HALL OHI 3H
Farm Name: HALL AGNES L
U.S. WELL NUMBER: 47-069-00271-00-00
Horizontal 6A New Drill
Date Modification Issued: November 08, 2018

Promoting a healthy environment.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: SWN Production Co., LLC 494512924 069-Ohio 3-Liberty 247-Bethany
Operator ID County District Quadrangle

2) Operator's Well Number: Dallas Hall OHI 3H Well Pad Name: Dallas Hall OHI Pad

3) Farm Name/Surface Owner: Agnes L. Hall Public Road Access: G C & P Road

4) Elevation, current ground: 1275' Elevation, proposed post-construction: 1275'

5) Well Type (a) Gas Oil Underground Storage

Other _____

(b) If Gas Shallow Deep _____

Horizontal _____

6) Existing Pad: Yes or No Yes C-750 6-4-18

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target Formation- Marcellus Up-Dip Well to the North, Target Top TVD- 6112', Target Base TVD-6158', Anticipated Thickness- 46', Associated Pressure- 4003

8) Proposed Total Vertical Depth: 6134' at the heel (LP deepest TVD)

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 16,272'

11) Proposed Horizontal Leg Length: 9784.87'

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12) Approximate Fresh Water Strata Depths: 410' JUN 18 2018

13) Method to Determine Fresh Water Depths: nearby water well

WV Department of
Environmental Protection

14) Approximate Saltwater Depths: 601' salinity profile

15) Approximate Coal Seam Depths: 446'

16) Approximate Depth to Possible Void (coal mine, karst, other): Possible Void 446'

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: _____

Depth: _____

Seam: _____

Owner: _____

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	H-40	94#	100'	100'	CTS
Fresh Water	13 3/8"	New	H-40	48#	520'	520'	497 sx/CTS
Coal							
Intermediate	9 5/8"	New	J-55	36#	1920'	1920'	739 sx/CTS
Production	5 1/2"	New	HCP-110	20#	16,272'	16,272'	lead 707 sx Tail 2488 sx inside interval
Tubing							
Liners							

C. BLO 6.4.18

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.19/50% Excess
Fresh Water	13 3/8"	17.5"	0.380	2740	633	Class A	1.19/50% Excess
Coal	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/50% Excess
Intermediate	7"	8 3/4"	0.317	4360	3250	Class A	1.20/50% Excess
Production	5 1/2"	8 3/4"	0.361	12360	9500	Class A	1.20/50% Excess
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and stimulate any potential zones between and including the Benson to Marcellus. **If we should encounter a void place basket above and below void area- balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. Run casing not less than 20' below void nor more than 75' below void. (*If freshwater is encountered deeper than anticipated it must be protected, set casing 50' below and cts.)

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Well will be perforated within the target formation and stimulated with a slurry of water, sand, and chemical additives at a high rate. This will be performed in stages with the plug and perf method along the wellbore until the entire lateral has been stimulated within the target formation. All stage plugs are then drilled out and the well is flowed back to surface. The well is produced through surface facilities consisting of high pressure production unites, vertical separation units, water and oil storage tanks. Max press and anticipated max rate- 9000 lbs @ 100 barrels a minute.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 22.60

22) Area to be disturbed for well pad only, less access road (acres): 8.54

23) Describe centralizer placement for each casing string:

All casing strings will be ran with a centralizer at a minimum of 1 per every 3 joints of casing.

24) Describe all cement additives associated with each cement type:

See Attachment ***

25) Proposed borehole conditioning procedures:

All boreholes will be conditioned with circulation and rotation for a minimum of one bottoms up and continuing until operator is satisfied with borehole conditions.

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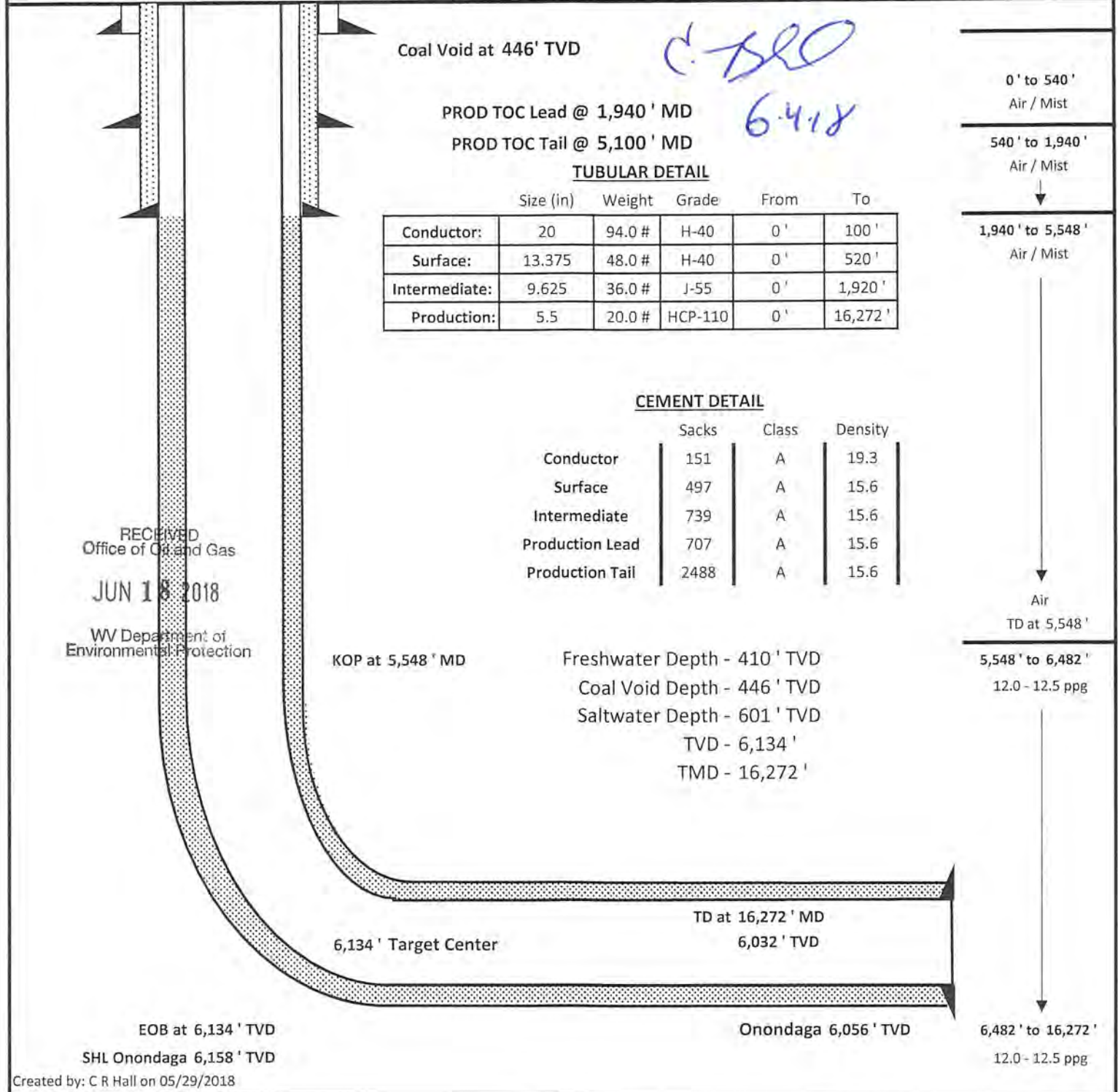
*Note: Attach additional sheets as needed.

69-60271 MOD

11/09/2018

Southwestern Energy Company	Proposed Drilling Program
------------------------------------	----------------------------------

Well: DALLAS HALL OHI 3	Re-entry Rig: TBD
Field: PANHANDLE FIELD \	Prospect: PANHANDLE
County: OHIO	State: WV
SHL: 40.1334 Latitude -80.6128 Longitude	
BHL: 40.1600 Latitude -80.6246 Longitude	
KB Elev: 1,300 ft MSL	KB: 26 ft AGL
	GL Elev: 1,275 ft MSL



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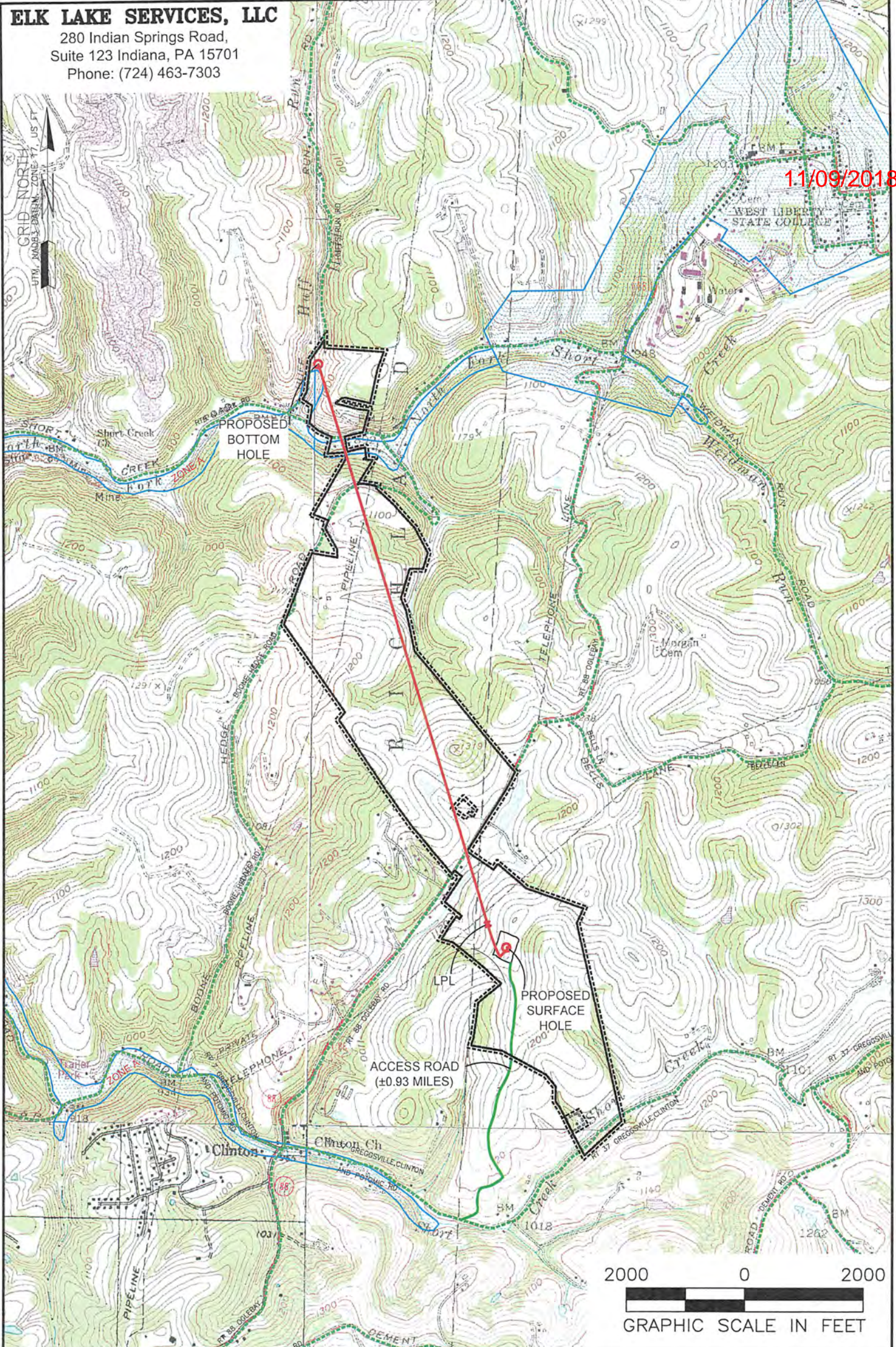
WV Department of
Environmental Protection

Created by: C R Hall on 05/29/2018

ELK LAKE SERVICES, LLC

280 Indian Springs Road,
Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

11/09/2018



NOTES ON SURVEY

1. 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.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ✱ LPL
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC</p> <p>ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378</p> <p>SURFACE OWNER: HALL AGNES L</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">WELL (FARM) NAME: DALLAS HALL OHI</td> <td style="width: 10%;">WELL # 3H</td> <td style="width: 30%;">SERIAL # XXXX</td> </tr> <tr> <td>COUNTY OHIO COUNTY - 69</td> <td colspan="2">DISTRICT: LIBERTY</td> </tr> <tr> <td colspan="3">USGS 7 1/2 QUADRANGLE MAP NAME BETHANY</td> </tr> </table>	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 3H	SERIAL # XXXX	COUNTY OHIO COUNTY - 69	DISTRICT: LIBERTY		USGS 7 1/2 QUADRANGLE MAP NAME BETHANY		
WELL (FARM) NAME: DALLAS HALL OHI	WELL # 3H	SERIAL # XXXX								
COUNTY OHIO COUNTY - 69	DISTRICT: LIBERTY									
USGS 7 1/2 QUADRANGLE MAP NAME BETHANY										

69-00 271 mon
11/09/2018

June 14, 2018

Ms. Laura Adkins
WV DEP Office of Oil & Gas
601 57th St., SE
Charleston, WV 25304

RE: SWN's proposed New Well: Dallas Hall OHI 3H in Ohio County, West Virginia, Drilling under RT9 N Fork Road, Boone Hedge Road, and RT 88 Oglebay Road.

Dear Ms. Adkins:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under RT9 N Fork Road, Boone Hedge Road, and RT 88 Oglebay Road. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Thank you.

Sincerely,



Bradley Wilson
Landman
SWN Production Company, LLC
PO Box 12359
Spring, TX 77391-2359

10000 Energy Drive
Spring, TX 77389-4954

$\frac{R^L}{A} \rightarrow V^+$

The Right People doing the Right Things,
wisely investing the cash flow from our
underlying Assets, will create Value+®

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69-00271 mod
11/09/2018

WW-6A1
(5/13)

Operator's Well No. Dallas Hall OHI 3H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:


Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Exhibit				

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: SWN Production Company, LLC.
 By: 
 Its: Landman

Page 1 of _____

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69-000-57

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EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator
 Dallas Hall OHI 3H
 Ohio County, West Virginia

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG
1)	3-L7-19	Dallas J. Hall and Agnes L. Hall, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.5%	811/34 884/61
2)	4-R12B-1	Matthew Harry Gossett, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	811/261 884/169
3)	3-L4-24	Anna Mae Miller, a widow	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	818/568 885/632
4)	3-L4-24-1	Anna Mae Miller, a widow	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	818/568 885/632
5)	3-L4-24-2	Anna Mae Miller, a widow	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	818/568 885/632
6)	3-L4-22	David Glenn Ruthers and Linda F. Ruthers, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	815/718 883/587
7)	3-L4-1-1	Rome H. Brown and Lillian W. Brown, his wife	Great Lakes Energy Partners, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	15.5%	768/508 808/434 883/527
		Robert O. Rogers, married man dealing in his sole and separate property	SWN Production Company, LLC	18.0%	902/502
		Wheeling Young Men's Christian Association	SWN Production Company, LLC	18.0%	926/299
		Ohio Valley Medical Center, Inc.; The Parks System Trust Fund of Wheeling; Children's Home of Wheeling, Inc.; Elmhurst, the House of Friendship, Inc., Vance Memorial Presbyterian Church; Young Women's Christian Association of Wheeling, W. Va., Inc.	SWN Production Company, LLC	18.0%	908/708

69-00271M00

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator
 Dallas Hall OHI 3H
 Ohio County, West Virginia

8)	4-R9-3	Claire M. Caveney, married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	826/773 884/717
		Robert O. Rogers, married man dealing in his sole and separate property	SWN Production Company, LLC	18.0%	902/502
		Ohio Valley Medical Center, Inc.; The Parks System Trust Fund of Wheeling; Children's Home of Wheeling, Inc.; Elmhurst, the House of Friendship, Inc., Vance Memorial Presbyterian Church; Young Women's Christian Association of Wheeling, W. Va., Inc.	SWN Production Company, LLC	18.0%	908/708
		Wheeling Young Men's Christian Association	SWN Production Company, LLC	18.0%	926/299
9)	4-R9-22-15	Mark J. Swiger and Dawn S. Swiger, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	817/395 884/529
10)	4-R9-22-16	Howard A. Walls III and Terry L. Walls, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	828/338 884/717
11)	4-R9-22-20	John C. Ratcliffe and Kathy J. Ratcliffe, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	814/650 884/205
12)	4-R9-22-17	John C. Ratcliffe and Kathy J. Ratcliffe, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	814/662 884/205
13)	4-R9-22-18	Jeffrey C. Taylor and Ginger K. Taylor, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	815/124 884/373

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Environmental Protection

69-002711000

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator
Dallas Hall OHI 3H
Ohio County, West Virginia

14)	4-R9-20	Jeffrey C. Taylor and Ginger K. Taylor, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	815/158 884/373
15)	4-R9-22-8	Rodney W. Haley and Rhonda L. Haley, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	812/254 884/181
16)	4-R9-19	Kenneth R. Barnes a/k/a Kenneth Robert Barnes and Judith D. Barnes a/k/a Judith Darlene Barnes, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	15.0%	827/671 844/717
17)	4-R6-39-1	Daniel J. Strnad and Amanda A. Strnad, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	829/140 884/717
18)	4-R6-29	Leslie A. Hunt, a widower	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.5%	829/759 884/729
19)	4-R6-28-6	Nicole L. Carenbauer, a single woman	SWN Production Company, LLC	18.0%	929/79
20)	4-R6-28-7	Douglas A. Hudson and Jacqueline R. Hudson, husband and wife	SWN Production Company, LLC	16.0%	927/655
21)	4-R6-24-3	Windell Goff and Gladys Goff, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.0%	813/682 884/421

Latitude: 40°10'00"

SURFACE HOLE 8,260'

Latitude: 40°10'00"

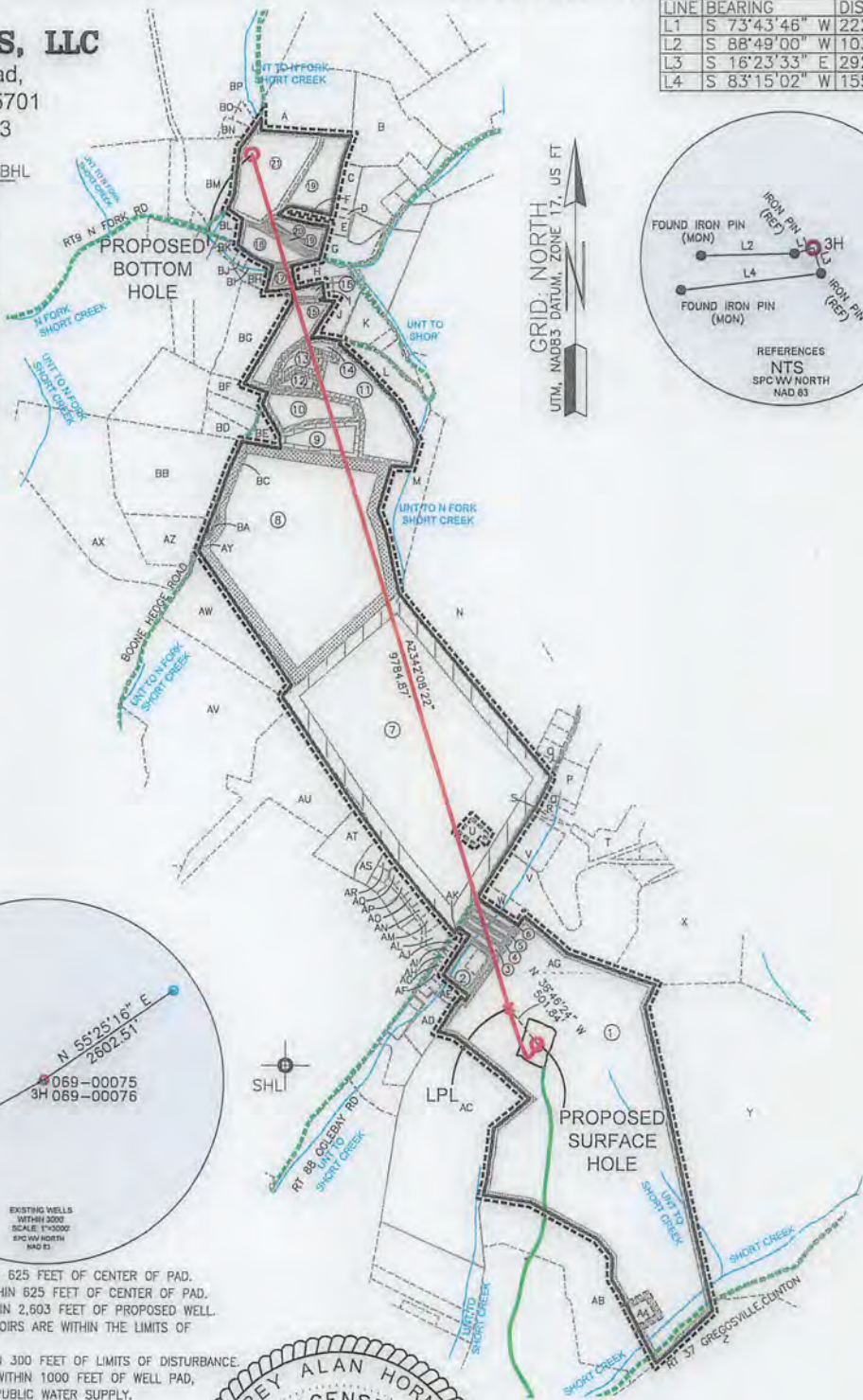
BOTTOM HOLE 11,537'

ELK LAKE SERVICES, LLC

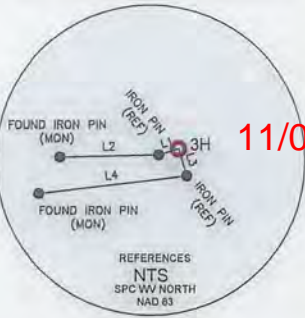
280 Indian Springs Road,
Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

LINE	BEARING	DISTANCE
L1	S 73°43'46" W	222.75'
L2	S 88°49'00" W	1030.08'
L3	S 16°23'33" E	292.38'
L4	S 83°15'02" W	1556.87'

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,631.21 EASTING: 532,980.62
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,748.79 EASTING: 532,882.88
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,587.49 EASTING: 531,968.16



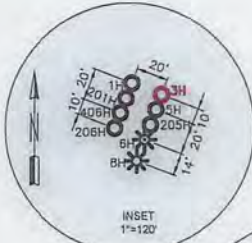
GRID: NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



Longitude: 80°35'00" BOTTOM HOLE 245'

SURFACE HOLE 12133'

Longitude: 80°35'00"



EXISTING WELLS WITHIN 2000 FEET OF PROPOSED WELL. SCALE: 1"=3000'. SPC WW NORTH NAD 83.

WELL RESTRICTIONS

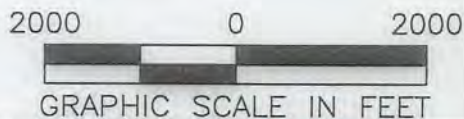
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 2,603 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

1. 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.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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. 2164



COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

(+) 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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: DALLAS HALL OHI API WELL #: 47 STATE 69 COUNTY H6A DD271 mod PERMIT
-------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------

WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: UPPER OHIO SOUTH	ELEVATION: 1274.8'-STAKED
DISTRICT: LIBERTY	COUNTY: OHIO COUNTY	QUADRANGLE: BETHANY
SURFACE OWNER: HALL AGNES L		ACREAGE: ±162.58
OIL & GAS ROYALTY OWNER: HALL AGNES L		ACREAGE: ±162.58
DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>	CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)	
TARGET FORMATION: MARCELLUS		ESTIMATED DEPTH: 6,134' TVD 16,272' TMD

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

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL: LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY PROPOSED PATH	REVISIONS: DATE: 06-14-2018 FILE NO: 17-033 DRAWN BY: N. LASSAK SCALE: 1" = 2000' DRAWING NO: 1 WELL LOCATION PLAT 1
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------

ELK LAKE SERVICES, LLC



280 Indian Springs Road,
Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

11/09/2018

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER / ROYALTY OWNER	TAX PARCEL
1	AGNES L HALL	3-L7-0019
TRACT	SURFACE OWNER	TAX PARCEL
2	MATTHEW H GOSSETT	4-R12B-1
3	GEORGE STROMATOS	3-L4-24
4	GEORGE STROMATOS	3-L4-24-1
5	GEORGE STROMATOS	4-L4-24-2
6	DAVID & LINDA RUTHERS	3-L4-22
7	TRUST FOR LILLIAN W BROWN	3-L4-1-1
8	CLAIRE M CAVENY	4-R9-3
9	MARK & DAWN SWIGER	4-R9-22-15
10	GEORGE & CAROL WOOD	4-R9-22-16
11	JOHN C & KATHY J RATCLIFFE	4-R9-22-20
12	JOHN C & KATHY J RATCLIFFE	4-R9-22-17
13	JEFFREY C & GINGER K TAYLOR	4-R9-22-18
14	JEFFREY C & GINGER K TAYLOR	4-R9-20
15	RODNEY & RHONDA HALEY	4-R9-22-8
16	JOSHUA M Klapka	4-R9-19
17	BRANDON C & CYNTHIA A GALLOWAY	4-R6-39-1
18	LESLIE A HUNT	4-R6-29
19	NICOLE L CARENBAUER	4-R6-28-6
20	DOUGLAS A & JACQUELINE R HUDSON	4-R6-28-7
21	WINDELL H II & GLADYS GOFF	4-R6-24-3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WINDELL H II & GLADYS GOFF	4-R6-27.1
B	CRABTREE, RANDALL L & KOVALSKI CYNTHIA S	4-R6-27.3
C	CRABTREE, RANDALL	4-R6-28.8
D	CRABTREE, RANDALL	4-R6-28.9
E	RALPH & GRACE ROBINSON	4-R6-28.2
F	HUDSON DOUGLAS & JACQUELINE	4-R6-28.3
G	RALPH & GRACE ROBINSON	4-R6-27
H	ROBERT & JENNIFER JEWELL	4-R6-40
I	VELMA L TAGGART	4-R9-18
J	LARRY & TERRY BOYNES	4-R9-22-9
K	CARLA DIETRICH	4-R9-21-1
L	JOHN C RATCLIFFE	4-R9-22-21
M	PAUL & DEBORAH MCKAY	4-R9-51
N	PAUL & DEBORAH MCKAY	3-L4-1
O	REBECCA L BLAKE	3-L4-1-7
P	PAUL & DEBORAH MCKAY	3-L4-10-1
Q	PAUL & DEBORAH MCKAY	3-L4-10
R	JAMES & ANN ROSE	3-L4-12
S	JAMES & ANN ROSE	3-L4-14
T	DAVID & BETH WEAVER	3-L4-13
U	ROBERT E BROWN	3-L4-1-3
V	DAVID & BETH WEAVER	3-L4-15
W	YE M HLA (AKA DANIEL HLA) & EI E MYINT	3-L4-20
X	DAVID & CATHERINE EVANS	3-L4-13-1
Y	MARY HELEN CLISER	3-L7-2
Z	LINDA WHITAKER, TRUSTEE FOR THE WHITAKER FAMILY TRUST	3-L7-27
AA	AGNES L HALL	3-L7-1
AB	AGNES L HALL	3-L7-20
AC	AGNES L HALL	3-L7-21-1
AD	JOHN & T A PYLE	4-R12B-1-1
AE	STEVE KELLAS	4-R12B-1-5
AF	MARK A KOZUSNIK	4-R12B-1-8
AG	DAVID & ESTELLA TAYLOR	4-R12B-4
AH	DAVID & ESTELLA TAYLOR	4-R12B-1-7
AI	PATRICIA MERCER	4-R12B-3
AJ	LARRY & JANE BECK	4-R12B-7
AK	ERIC BLEND	4-R12B-2
AL	JAMES & KAREN FRIO	4-R9-47
AM	STEPHANIE A WARREN & WILLIAM S LITMAN	4-R9-46
AN	DAVID & TERRI SONNEFELD	4-R9-45
AO	DAVID & TERRI SONNEFELD	4-R9-44
AP	TYLER P BECK	4-R9-43
AQ	MARK E & JL PISSOS	4-R9-42
AR	GARY & CM LATOS	4-R9-41
AS	CLARK & SHARON PAJAK	4-R9-32-1
AT	CLARK & SHARON PAJAK	4-R9-28
AU	RCK 2 GROUP LLC KAYLEEN FITZSIMMONS	4-R9-27
AV	STACEY D EVANS	4-R9-3-5
AW	WESBANCO TRUST & INVESTMENT SERVICE, TRUSTEE OF THE MARY JACQUELINE CARENBAUER TRUST	4-R9-16-1
AX	JORDAN & GAYLE WEBER	4-R9-9
AY	CLAIRE M CAVENY	4-R9-10-2
AZ	DAVID & LM MAIN	4-R9-10
BA	DAVID B & LISA M MAIN	4-R9-3-6
BB	DAVID & LM MAIN	4-R9-10-1
BC	CLAIRE CAVENY	4-R9-10-3
BD	CHARLES & PHYLLIS KELLAM	4-R9-22-13
BE	MARK & DAWN SWIGER	4-R9-22-14
BF	CHARLES & PHYLLIS KELLAM	4-R9-22-11
BG	JAMES & KATHY WEST	4-R9-22-7
BH	BRANDON & CYNTHIA GALLOWAY	4-R6-39-2
BI	EDWARD SMITH	4-R6-39-4
BJ	ROBERT OCHSENBEIN	4-R6-39-3
BK	JUSTINE D CRUPE	4-R6-38
BL	RANDALL LEE CRABTREE	4-R6-24
BM	WOOD, RICHARD A JR	4-R6-24.6
BN	WINDSOR COAL COMPANY	4-R6-25
BO	BRYAN, STELLA M, KATHLEEN J	4-R6-17.1
BP	RAYLE COAL CO	4-R6-17

47-069-00271MOD H6A

REVISIONS:	COMPANY:	 	
	OPERATOR'S	DALLAS HALL	DATE: 06-14-2018
	WELL #:	3H	FILE NO: 17-033
	DISTRICT:	LIBERTY	DRAWN BY: N. LASSAK
	COUNTY:	OHIO COUNTY	SCALE: N/A
	STATE:	WV	DRAWING NO: 1
			WELL LOCATION PLAT 1

June 15, 2018

Ms. Laura Adkins
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

RE: Modification: Dallas Hall OHI 3H

Dear Ms. Adkins

Enclosed please find the new 6B, WBD, plat, and 6A1 for the above captioned well. We are extending the lateral. These wells are situated on the Hall's property, in Ohio County, West Virginia.

If you have any questions or desire additional information, please me at 304-884-1613.

Thank you.

Sincerely,



Brittany Woody
Regulatory Analyst
Southwestern Energy Production Company, LLC

RECEIVED
Office of Oil and Gas

JUN 18 2018

WV Department of
Environmental Protection

