



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

Tuesday, October 22, 2019
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359
SPRING, TX 773914954

Re: Permit Modification Approval for MARGARET CORBIN BRK 3H
47-009-00281-00-00

Shortening lateral length from 23041' to 18044'.

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: MARGARET CORBIN BRK 3H
Farm Name: LOUIS W. HENSLER, JR. & MARGARET HENSLER
U.S. WELL NUMBER: 47-009-00281-00-00
Horizontal 6A New Drill
Date Modification Issued: 10/22/2019

Promoting a healthy environment.

August 1, 2019

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

RE: Modification: Margaret Corbin BRK 3H

Dear Ms. Adkins

Per Eric Blend's request- Enclosed please find the Well Work Permit Application for the above captioned well. We are modifying this permit due to stopping the lateral 5000' short. This well is situated on the Corbin's property, in Buffalo District, Brooke County, West Virginia.

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

Thank you.

Sincerely,



Brittany Woody
Senior Regulatory Analyst
Southwestern Energy Production Company, LLC

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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 009-Brooke 03-Buffalo 247-Bethany
Operator ID County District Quadrangle

2) Operator's Well Number: Margaret Corbin BRK 3H Well Pad Name: Margaret Corbin BRK

3) Farm Name/Surface Owner: Louis W. Hensler, Jr. & Margaret Hensler Public Road Access: Camp Run Road

4) Elevation, current ground: 1150' Elevation, proposed post-construction: 1150'

5) Well Type (a) Gas Oil Underground Storage

Other _____

(b) If Gas Shallow Deep

Horizontal

6) Existing Pad: Yes or No Yes

C. Blo 7-30-19

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- 6034', Target Base TVD- 6093', Anticipated Thickness- 59', Associated Pressure- 3960

8) Proposed Total Vertical Depth: 6079'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 18,044'

11) Proposed Horizontal Leg Length: 7,283.53'

12) Approximate Fresh Water Strata Depths: 372'

13) Method to Determine Fresh Water Depths: Nearby Water Well & Salinity Profile

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14) Approximate Saltwater Depths: 495' Salinity Profile Analysis

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15) Approximate Coal Seam Depths: 328'

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16) Approximate Depth to Possible Void (coal mine, karst, other): None that we are aware of.

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#	452'	452'	438 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	1686'	1686'	652 sx/CTS
Production	5 1/2"	New	HCP-110	20#	18,044'	18,044'	1800 526x Tail 2880x Inside information
Tubing							
Liners							

C. AO 7-30-19

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	See	Surface	Casing				
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/50% Excess
Production	5 1/2"	8 3/4"	0.361	12360	9500	Class A	1.20/50% Excess
Tubing							
Liners							

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PACKERS

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Kind:			
Sizes:			
Depths Set:			

WW-6B
(10/14)

API NO. 47- 009 -

OPERATOR WELL NO. Margaret Corbin BRK 3H

Well Pad Name: Margaret Corbin BRK

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, horizontal 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): 18.1

22) Area to be disturbed for well pad only, less access road (acres): 13.3

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 ***

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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.

*Note: Attach additional sheets as needed.

Southwestern Energy Company

Proposed Drilling Program

Well: MARGARET CORBIN BRK 3 Re-entry Rig: SDC 41
 Field: PANHANDLE FIELD WET Prospect: PANHANDLE
 County: BROOKE State: WV
 SHL: 40.2312 Latitude -80.5223 Longitude
 BHL: 40.2751 Latitude -80.5428 Longitude
 KB Elev: 1,176 ft MSL KB: 26 ft AGL GL Elev: 1,150 ft MSL



Handwritten signature and date: 7-30-19

PROD TOC Lead @ 1,706' MD
 PROD TOC Tail @ 5,100' MD

TUBULAR DETAIL

	Size (in)	Weight	Grade	From	To
Conductor:	20	94.0 #	H-40	0'	100'
Surface/Coal:	13.375	48.0 #	H-40	0'	452'
Intermediate:	9.625	36.0 #	J-55	0'	1,686'
Production:	5.5	20.0 #	HCP-110	0'	18,044'

CEMENT DETAIL

	Sacks	Class	Density
Conductor	151	A	19.3
Surface	438	A	15.6
Intermediate	652	A	15.6
Production Lead	526	A	15.6
Production Tail	2888	A	15.6

0' to 472' Air / Mist
 472' to 1,706' Air / Mist
 ↓
 1,706' to 5,361' Air / Mist
 ↓
 Air TD at 5,361'

KOP at 5,361' MD

Freshwater Depth - 372' TVD
 Coal Depth - 328' TVD
 Saltwater Depth - 495' TVD
 TVD - 6,079'
TMD - 18,044'

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6,079' Target Center

TD at 18,044' MD
 5,910' TVD

EOB at 6,079' TVD

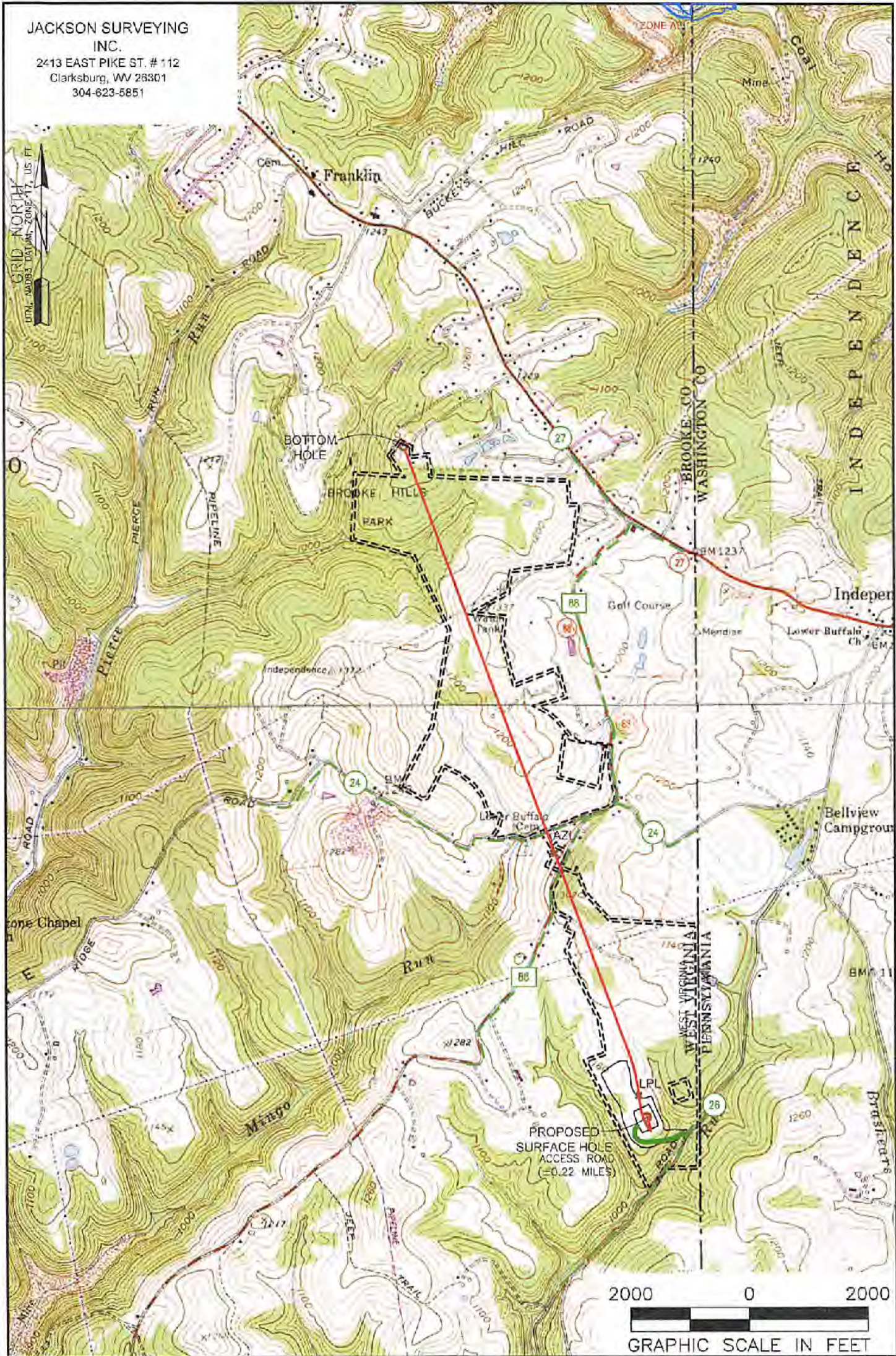
SHL Onondaga 6,065' TVD

Onondaga 5,907' TVD

6,441' to 18,044'
 12.0 - 12.5 ppg

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26301
 304-623-5851

GRID NORTH
 UTM - NAD83 DATUM - ZONE 17 US FT



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.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- FLOOD PLAN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: MARGARET CORBIN BRK	WELL # 3H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508	COUNTY - CODE BROOKE - 009	DISTRICT: BUFFALO	
SURFACE OWNER: LOUIS W. HENSLER, JR. & MARGARET HENSLER	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API# 47-009-00281	

Latitude: 40°15'00"

SURFACE HOLE 6,227'

Latitude: 40°17'30"

BOTTOM HOLE 10,219'

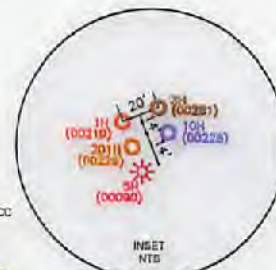
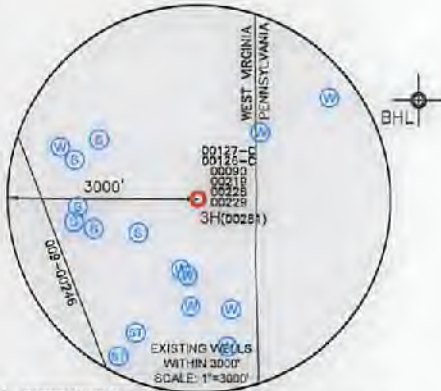
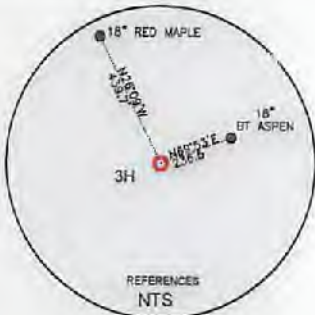
JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

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

Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains survey data for lines L1 through L4.

Location data tables for SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), and BOTTOM HOLE LOCATION (BHL) including UTM coordinates.



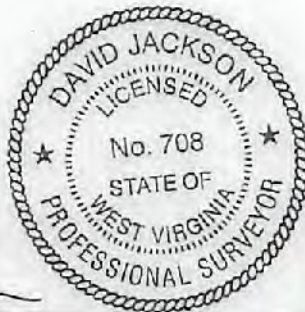
Longitude: 80°30'00"
Longitude: 80°30'00"
Longitude: 80°30'00"
Longitude: 80°30'00"

WELL RESTRICTIONS

- List of well restrictions including: 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 525 FEET OF CENTER OF PAD. 2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 525 FEET OF CENTER OF PAD.

NOTES ON SURVEY

- Notes on survey including: 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.



P.S. 708

David L Jackson

COMPANY: SWN Production Company, LLC



(+) 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)

MARGARET CORBIN BRK
OPERATOR'S WELL #: 3H
API WELL #: 47 009 00281
STATE COUNTY PERMIT

Well type and details form including: WELL TYPE: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW. WATERSHED: CAMP RUN OF BUFFALO CREEK (HUC-10). DISTRICT: BUFFALO. COUNTY: BROOKE. SURFACE OWNER: LOUIS W. HENSLER, JR. & MARGARET HENSLER. OIL & GAS ROYALTY OWNER: MARGARET H. CORBIN, WIDOW. DRILL, DRILL DEEPER, REDRILL, FRACTURE OR STIMULATE, PLUG OFF OLD FORMATION, PERFORATE NEW FORMATION. CONVERT, PLUG & ABANDON, CLEAN OUT & REPLUG, OTHER CHANGE. TARGET FORMATION: MARCELLUS. ESTIMATED DEPTH: 6,079' TVD 18,044' TMD.

Well operator and designated agent information: WELL OPERATOR: SWN PRODUCTION COMPANY, LLC. ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200. CITY: MORGANTOWN. STATE: WV. ZIP CODE: 26508. DESIGNATED AGENT: BRITTANY WOODY. ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200. CITY: MORGANTOWN. STATE: WV. ZIP CODE: 26508.

Legend and Revisions table. Legend includes symbols for proposed surface hole, existing well, LPL, existing water well, existing spring, surveyed boundary, drilling unit, lease boundary, proposed path, and azimuth point location. Revisions table shows: REVISIONS: REVISED TVD, TMD & LEG LENGTH 07-10-2019. DATE: 03-06-2019. DRAWN BY: N. MANO. SCALE: 1" = 3000'. DRAWING NO. WELL LOCATION PLAT 1.

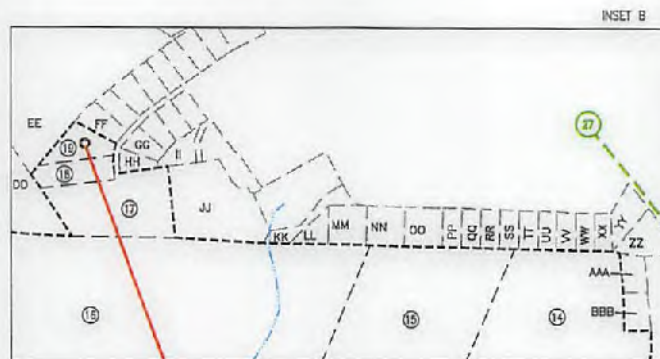
JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112

Clarksburg, WV 28301

304-623-5651



REVISIONS:	COMPANY:		
△ REVISED TVD, TMD & LEG LENGTH	SWN Production Company, LLC		SWN $\frac{R^+}{A} \rightarrow V^{+0}$ Production Company™
07-10-2019	OPERATOR'S MARGARET CORBIN BRK	API #:	DATE: 03-06-2019
	WELL #: 47-009-00281 3H	47-009-00281	DRAWN BY: N. MANO
	DISTRICT: BUFFALO	COUNTY: BROOKE	STATE: WV
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2



**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-823-5661

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	LOUIS W. HENSLE JR. & MARGARET R. HENSLE (S) / MARGARET H. CORBIN, WIDOW (R)	03-B34-57
TRACT	SURFACE OWNER	TAX PARCEL
2	WILLIAM J. WALES & MARSHA E. WALES (S)	03-B34-59
3	WV DEPARTMENT OF TRANSPORTATION (S)	RT. 88 "BEALLS RIDGE ROAD"
4	BRIAN C. ROADMAN & KRISTA L. ROADMAN (S)	03-B34-35
5	JEFFEREY A. SHAFFER & MARTHA L. SHAFFER (S)	03-B34-34
6	GRIFF H. BRIGGS (S)	03-B34-33
7	RALPH R. VAN CAMP, JR. (S)	03-B34-31
8	ROBERT LEE FRESHWATER (S)	03-B34-32
9	NANCY J. AMBROSE REVOCABLE TRUST (S)	03-B34-24
10	JUDITH LEE BRINKLEY, SARAH A. STENGER & MARK A. BUYAN (S)	03-B34-10
11	NANCY J. AMBROSE REVOCABLE TRUST (S)	03-B34-11
12	WILLIAM CURTIS HUNT & SUSAN L. HUNT (S)	03-B34-07
13	WILLOW SPRINGS, INC. (S)	03-B34-10.2
14	DAVID L. RAGAN & JOYCE A. RAGAN (S)	03-B29-13
15	LOUIS DELATORE & KAREN DELATORE (S)	03-B29-13.1
18	PARK & RECREATION COMMISSION (S)	03-B29-14
17	RICHARD M. COPERICH & BELINDA A. COPERICH (S)	03-B29J-25
18	RICHARD M. COPERICH & BELINDA A. COPERICH (S)	03-B29J-24
19	RICHARD M. COPERICH & BELINDA A. COPERICH (S)	03-B29J-23

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	TAMMY M. WITHERS	03-B36-04
B	JOHN DANA GARNER	03-B39-03
C	RICKY VON HUDSON	03-B39-02
D	NORMA J. SHIDOCK	03-B34-50
E	KEVIN L. MINOR & RULETTA R. MINOR	03-B34-50.1
F	MICHAEL M. HENSLE JR. & DEBORAH HENSLE	03-B34-57.4
G	LOUIS W. HENSLE JR. & MARGARET R. HENSLE	03-B34-57.3
H	LOUIS W. HENSLE JR. & MARGARET R. HENSLE	03-B34-55
I	WILLIAM W. ROADMAN & PAULA L. ROADMAN	03-B34-56
J	MENEELY IRREV. TRUST OF 7/22/16, LEE R. MENEELY & CLEA C. MENEELY, TRUSTEES	03-B34-42
K	MENEELY IRREV. TRUST OF 7/22/16, LEE R. MENEELY & CLEA C. MENEELY, TRUSTEES	03-B34-41
L	DELORIS A. PLESS & JAMIE RATTIGANMETALLA	03-B34-40
M	WILLIAM MATTHEW GADD & BARBARA ESTELLE GADD	03-B34-39
N	ERIC MAZZELLA	03-B34-38
O	COREY J. SCHIDEK & DARIAN A. SIGET	03-B34-37
P	COREY J. SCHIDEK & DARIAN A. SIGET	03-B34-36
Q	SIMON MATHEW MAZZELLA & MARTHA KAY MAZZELLA	03-B34-21
R	NANCY J. AMBROSE REVOCABLE TRUST	03-B34-23
S	BUFFALO CEMETERY	03-B34-22
T	JAMES C. INMAN, JR. & LAURA G. INMAN	03-B34-19
U	LEANN MISCH & BRIAN S. MISCH	03-B34-12
V	NANCY J. AMBROSE REV. TRUST	03-B34-14
W	DAVID RAGAN	03-B34-15
X	KEITH R. & KATHY J. SMITH	03-B34-16
Y	DAVID L. RAGAN	03-B34-16.3
Z	KEITH R. & KATHY J. SMITH	03-B34-16.4
AA	KEITH R. & KATHY J. SMITH	03-B34-1.1
BB	KEITH & KATHY SMITH	03-B34-1
CC	PARK & RECREATION COMMISSION	03-B28-81
DD	PARK & RECREATION COMMISSION	03-B28-65
EE	JOHN GABRIEL RADVANSKY	03-B29J-07
FF	GREGORY DEAN NIEMAN & LAUREL ANN NIEMAN	03-B29J-22
GG	RICHARD M. COPERICH & BELINDA A. COPERICH	03-B29J-27
HH	RICHARD M. COPERICH & BELINDA A. COPERICH	03-B29J-26
II	GREGORY P. STASIOSKI & TINA M. STASIOSKI	03-B29J-51
JJ	RICHARD M. COPERICH & BELINDA A. COPERICH	03-B29J-52
KK	RUSSELL D. HERVEY & BRITTANY HUKILL	03-B29J-61
LL	RUSSELL D. HERVEY & BRITTANY N. HUKILL	03-B29J-62
MM	RUSSELL HERVEY & BRITTANY N. HUKILL	03-B29J-63
NN	N. STEVE NIXON & JILL NIXON	03-B29J-64
OO	JOHN P. MCCONAUGHEY	03-B29J-66
PP	DISCHMOND SPURRIER & AMY EILEEN SPURRIER	03-B29J-68
QQ	DISCHMOND SPURRIER & AMY EILEEN SPURRIER	03-B29K-13
RR	JAMES A. CASTRO & LOUISE CASTRO	03-B29K-14
SS	JAMES A. CASTRO & LOUISE CASTRO	03-B29K-15
TT	KAREN DELATORE & LOUIS DELATORE	03-B29K-16
UU	KAREN DELATORE & LOUIS DELATORE	03-B29K-17
VV	DAVID L. RAGAN & JOYCE A. RAGAN	03-B29K-18
WW	JAMES STEWART & PAMELA STEWART	03-B29K-19
XX	JAMES H. STEWART & PAMELA J. STEWART	03-B29K-20
YY	MELANIE A. CECCHINI	03-B29K-21

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
ZZ	PENNY FALBO	03-B29K-22
AAA	PENNY FALBO	03-B29K-23
BBB	CHARLES M. ROBERSON & DOROTHY ROBERSON	03-B29K-24
CCC	CHARLES M. & DOROTHY ROBERSON	03-B29-5
DDD	HAROLD S. SONDA & SHIRLEY J. SONDA	03-B29-10
EEE	NORMA ETOD CHIVERS & ALAN J. CHIVERS, ET AL	03-B29-11
FFF	NORMA ETOD CHIVERS & ALAN J. CHIVERS, ET AL	03-B29-12
GGG	HARRY E. SANFORD & CHATMAN L. NEELY	03-B29-16
HHH	WASHINGTON PIKE PUBLIC SERVICE	03-B29-17
III	HARRY E. SANFORD & CHATMAN L. NEELY	03-B34-02
JJJ	CHRISTOPHER J. PAULL & MARY E. PAULL	03-B34-03
KKK	GERALD L. HENWOOD & KELLIE J. HENWOOD	03-B34-7.12
LLL	GERALD L. HENWOOD & KELLIE J. HENWOOD	03-B34-7.10
MMM	REGINA LINDSEY-LYNCH, TR. OF REGINA LINDSEY-LYNCH REV TR. AGREEMENT	03-B34-7.9
NNN	REGINA LINDSEY-LYNCH, TR. OF REGINA LINDSEY-LYNCH REV TR. AGREEMENT	03-B34-7.7
OOO	GARY D. THOMAS, TRESA A. THOMAS & ANDREW THOMAS	03-B34-7.8
PPP	GARY D. THOMAS, TRESA A. THOMAS & ANDREW THOMAS	03-B34-7.4
QQQ	CHRISTOPHER D. MOCKBEE & JOY R. MOCKBEE	03-B34-08
RRR	MATTHEW D. MATTESON & AMY R. MATTESON	03-B34-7.1
SSS	RICKY G. LOUDIN & PATRICIA A. LOUDIN	03-B34-09
TTT	BRANDON C. PORCO & THERESA R. PORCO	03-B34-7.2
UUU	BRANDON C. PORCO & THERESA R. PORCO	03-B34-7.11
VVV	FREDERICK L. HANNAHS	03-B34-70
WWW	RICHARD L. SONDA & HAROLD SONDA	03-B34-69
XXX	KENNETH RIDGS	03-B34-10.1
YYY	SHIRLEY WINTERS	03-B34-68
ZZZ	MARY L. SHEERAN, BEVERLY CUCARESE CRAFT & MARLA COOPER	03-B34-67
AAAA	HALCIE D. DURBIN & DEBORAH K. DURBIN	03-B34-65
BBBB	KENNETH W. DIGHT & BRENDA DIGHT	03-B34-63
CCCC	KENNETH W. DIGHT & BRENDA D. DIGHT	03-B34-62
DDDD	WILLIAM C. VAN CAMP & MARIE C. VAN CAMP	03-B34-27
EEEE	GEORGE T. KANSAS & EDITH J. KANSAS	03-B34-28
FFF	GEORGE T. KANSAS & EDITH J. KANSAS	03-B34-29
GGGG	DEBORAH L. MOSER	03-B34-26
HHHH	CHERYL V. MIELKE	03-B34-25
III	MARY K. MILLER	03-B34-30
JUUJ	WILLIAM J. WALES & MARSHA E. WALES	03-B34-57.2
KKKK	BOWNDREE II INC.	03-B34-66
LLLL	BOWNLEE LAND VENTURES LP	370-011-00-00-0004-00
MMMM	JOHN MULLINS JR.	370-011-00-00-0003-01
NNNN	WM. HRIBAL ET UX	370-011-00-00-0003-00
OOOO	STEPHEN S. GRIZZEL	03-B34-58
PPPP	ANDREA BROWNLEE	370-012-00-00-0001-00

REVISIONS: Δ REVISED TVD, TMD & LEG LENGTH 07-10-2019	COMPANY:  Production Company, LLC	 Production Company™
	OPERATOR'S MARGARET CORBIN BRK	API#
	WELL #: 47-001-00281 3H	47-009-00281
	DISTRICT: BUFFALO	STATE: WV
	COUNTY: BROOKE	DATE: 03-06-2019
		DRAWN BY: N. MAND
		SCALE: N/A
		DRAWING NO: WELL LOCATION PLAT 3