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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, June 27, 2023  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC  
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit Modification Approval for MELVIN KAHLE OHI 1H  
47-069-00346-00-00

**Revised leases**

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a white background.

James A. Martin  
Chief

Operator's Well Number: MELVIN KAHLE OHI 1H  
Farm Name: MELVIN M KAHLE JR & CAROL M KAHLE  
U.S. WELL NUMBER: 47-069-00346-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 6/27/2023

Promoting a healthy environment.

06/30/2023

CK # 0001074066  
# 5000<sup>00</sup>  
Exp Mod

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 6-Triadel 674-Wheeling  
Operator ID County District Quadrangle

2) Operator's Well Number: Melvin Kahle OHI 1H Well Pad Name: Melvin Kahle OHI

3) Farm Name/Surface Owner: Melvin M. Kahle Jr. & Carol M. Kahle Public Road Access: Chapel Hill Road

4) Elevation, current ground: 1276' Elevation, proposed post-construction: 1276'

5) Well Type (a) Gas  Oil  Underground Storage

Other

(b) If Gas Shallow  Deep

Horizontal

6) Existing Pad: Yes or No Yes

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- 6275', Target Base TVD- 6336', Anticipated Thickness- 61', Associated Pressure- 4118

8) Proposed Total Vertical Depth: 6320'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 21756'

11) Proposed Horizontal Leg Length: 14592.59

12) Approximate Fresh Water Strata Depths: 336'

13) Method to Determine Fresh Water Depths: Salinity Profile, Melvin Kahle 8H Logs API 47-069-00070

14) Approximate Saltwater Depths: 750' Salinity Profile

15) Approximate Coal Seam Depths: 597'

16) Approximate Depth to Possible Void (coal mine, karst, other): Possible Void 597'

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: \_\_\_\_\_

*Strader Gower*  
5/26/2023

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	J-55	94#	110'	110'	CTS
Fresh Water	13 3/8"	New	J-55	54.4#	660'	660'	686 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	2020'	2020'	735 sx/CTS
Production	5 1/2"	New	P-110 HP	20#	21756'	21756'	See 41792x/Fat 1960x/ 100 Inside
Tubing							
Liners							

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	1.20/30% Excess
Fresh Water	13 3/8"	17.5"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See	Surface	Casing				
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess
Tubing							
Liners							

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

*Melvin Kahle*

5/26/2023

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. In some instances, additional toe prep may be performed by pumping additional water in the toe of the well prior to perforating and pumping Stage 1 to ensure that the toe guns/toe sleeves are fully open prior to pumping stage 1. 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- 12,500 psi @ 100 barrels a minute.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 8.14

22) Area to be disturbed for well pad only, less access road (acres): 7.17

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:

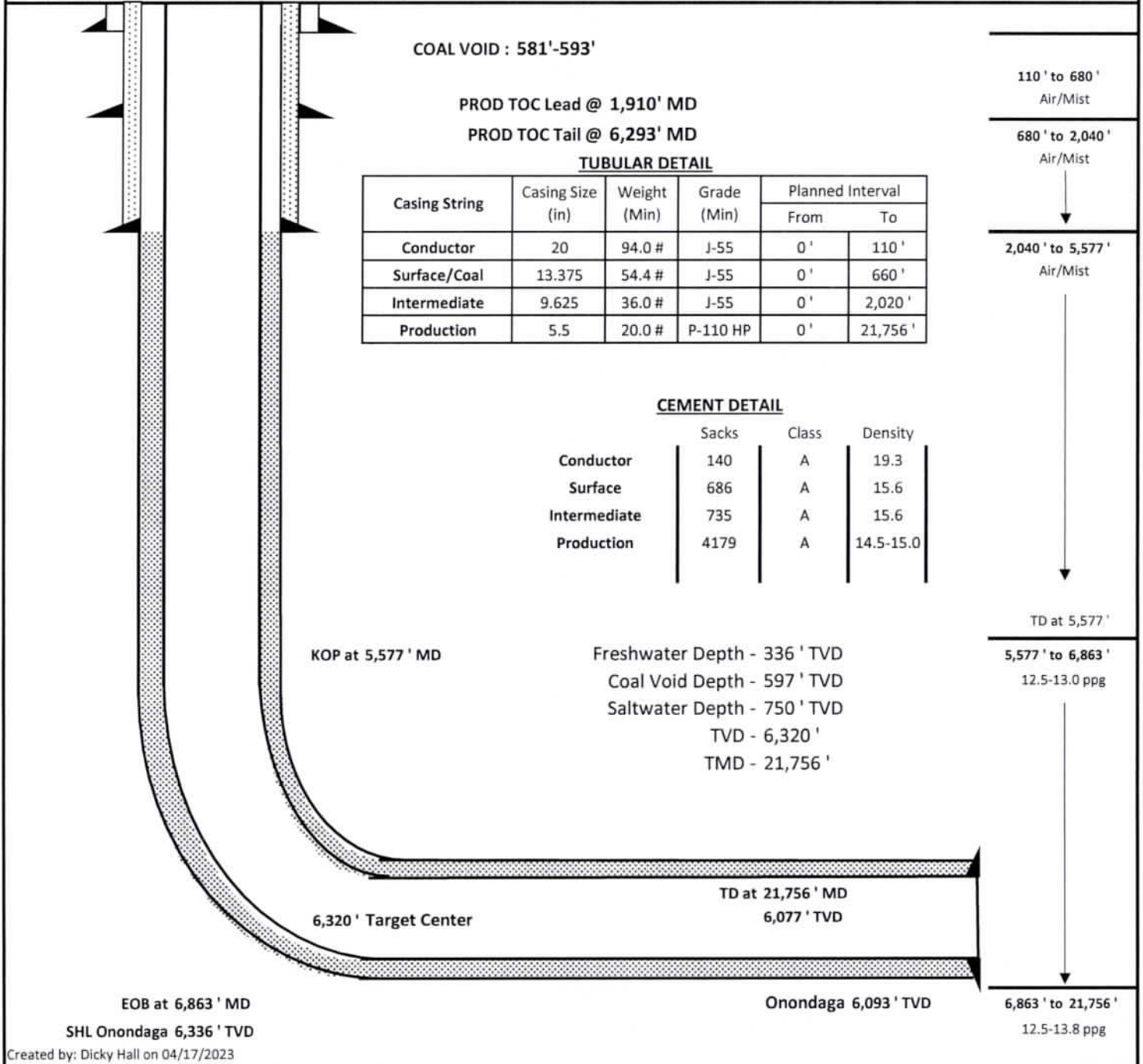
See Attachment \*\*\*

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.

\*Note: Attach additional sheets as needed.

<b>Southwestern Energy Company</b>			<b>Proposed Drilling Program</b>		
Well:	MELVIN KAHLE OHI 1		Re-entry Rig:	PATTERSON 571	
Field:	PANHANDLE FIELD WET		Prospect:	Marcellus Shale	
County:	OHIO		State:	WV	
SHL:	40.0718 Latitude	-80.6252 Longitude			
BHL:	40.1075 Latitude	-80.6520 Longitude			
KB Elev:	1,302 ft MSL	KB: 26 ft AGL	GL Elev:	1,276 ft MSL	



Created by: Dicky Hall on 04/17/2023

*Strader Gower*  
5/26/2023

06/30/2023



4706900346

SWN PRODUCTION COMPANY, LLC  
1300 Fort Pierpont Dr, Ste 201  
Morgantown, WV 26508  
Tel: 304 884 1610  
Fax: 304 471 2497  
www.swn.com

April 18, 2023

Mr. Charles Brewer  
Office of Oil & Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

**RE: Proposed New Well: Melvin Kahle OHI IH**

Dear Mr. Brewer

SWN has reviewed the area of the above mentioned well and discovered no shallow wells within 500' of the lateral. This well is situated on the Kahle's property, in Triadelphia District, Ohio County, West Virginia.

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

Thank you.

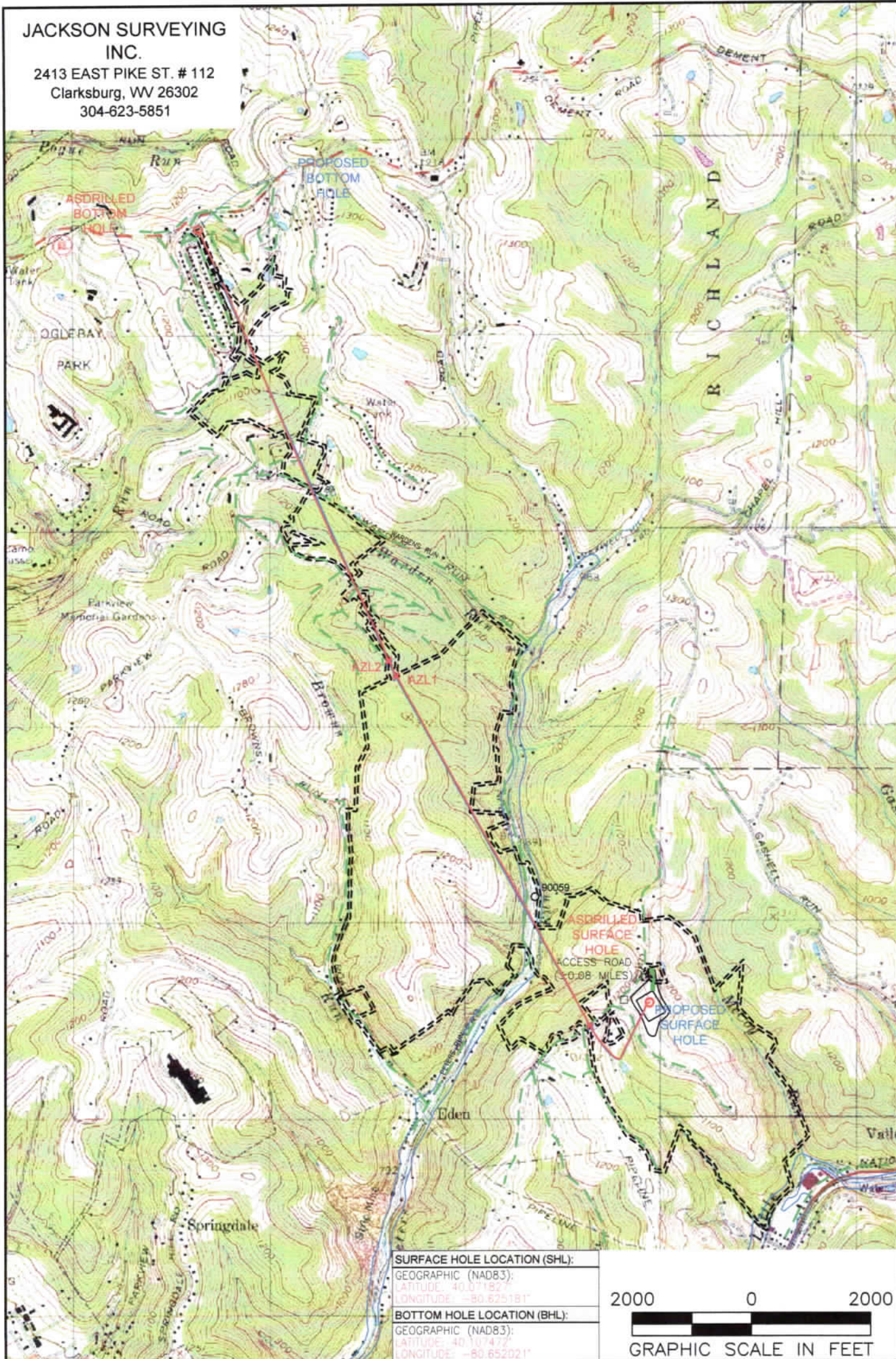
Sincerely,

Brittany Woody  
Senior Regulatory Analyst  
Southwestern Energy Production Company, LLC

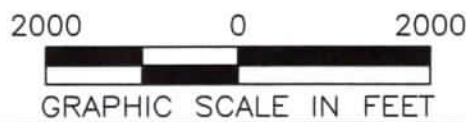
The Right People doing the Right Things,  
wisely investing the cash flow from our  
underlying assets. **Midstream Value+**  
06/30/2023

**JACKSON SURVEYING  
INC.**

2413 EAST PIKE ST. # 112  
Clarksburg, WV 26302  
304-623-5851



<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.07182°
LONGITUDE: -80.625181°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.07472°
LONGITUDE: -80.652021°



**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 PLAIN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

06/30/2023

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> MELVIN KAHLE OHI	<b>WELL #</b> 1H	<b>SERIAL #</b>
<b>ADDRESS:</b> 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508	<b>COUNTY - CODE</b> OHIO - 069	<b>DISTRICT:</b> TRIADDELPHIA	
<b>SURFACE OWNER:</b> MELVIN M. KAHLE JR. & CAROL M. KAHLE	<b>USGS 7 1/2 QUADRANGLE MAP NAME</b> WHEELING, WV	<b>API #:</b> 47-069-00346	

Latitude: 40°05'00"

SURFACE HOLE 51'

JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

Latitude: 40°07'30"

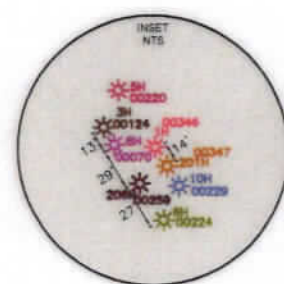
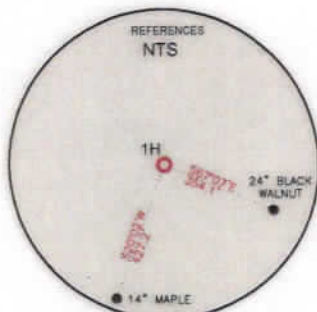
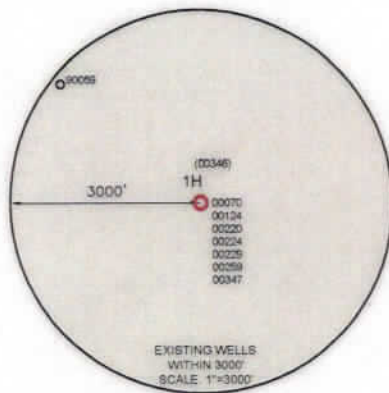
BOTTOM HOLE 7,557'

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

Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Includes Surface Hole Location (SHL), Landing Point Location (LPL), Azimuth Point Location-1 (AZL1), Azimuth Point Location-2 (AZL2), and Bottom Hole Location (BHL).

Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Includes Surface Hole Location (SHL), Landing Point Location (LPL), Azimuth Point Location-1 (AZL1), Azimuth Point Location-2 (AZL2), and Bottom Hole Location (BHL).

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains line data for SHL to landmarks and curve data for SHL to LP and AZL1 to AZL2.



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 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF 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.

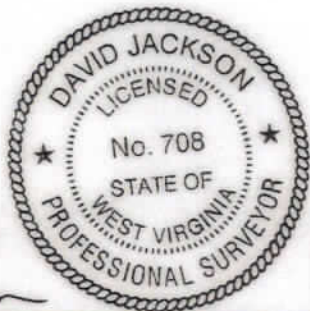
NOTES ON SURVEY

- 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.
4. 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. 708

David L Jackson



(+) 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

MELVIN KAHLE OHI
OPERATOR'S WELL #: 1H
API WELL #: 47 069 00346
STATE COUNTY PERMIT

WELL TYPE: OIL [ ] WASTE DISPOSAL [ ] PRODUCTION [X] DEEP [ ] GAS [X] LIQUID INJECTION [ ] STORAGE [ ] SHALLOW [X]
WATERSHED: MCCOY RUN OF LITTLE WHEELING CREEK OF WHEELING CREEK (HUC-10) ELEVATION: 1,276.2'
DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: WHEELING, WV
SURFACE OWNER: MELVIN M. KAHLE JR. & CAROL M. KAHLE ACREAGE: ±84.99
OIL & GAS ROYALTY OWNER: MELVIN M. KAHLE JR. & CAROL M. KAHLE ACREAGE: ±84.99
DRILL [ ] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [ ] PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ]
CONVERT [ ] PLUG & ABANDON [ ] CLEAN OUT & REPLUG [ ] OTHER CHANGE [X] (SPECIFY) ASDRILLED
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 06/30/2023 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

Table with 2 columns: Legend and Revisions. Legend includes Proposed Surface Hole/Bottom Hole, Existing/Producing Wellhead, Landing Point Location, Existing Water Well, Existing Spring, Surveyed Boundary, Drilling Unit, Lease Boundary, Asdrilled Path, Proposed Path, and Azimuth Point Location. Revisions table includes Date (04-19-2023), Drawn By (N. MAND), Scale (1" = 2000'), Drawing No., and Well Location Plat.

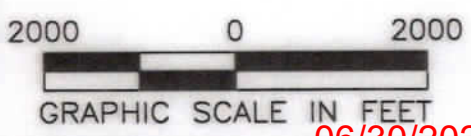
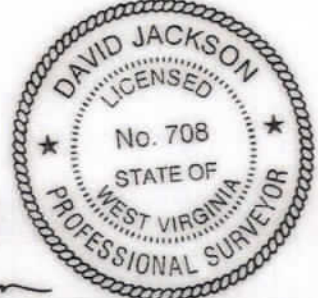


JACKSON SURVEYING  
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 304-623-5851



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P.S. 708 *David L Jackson*



06/30/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	MELVIN KAHLE OHI	API #:
	WELL #:	1H	47-069-00346
	DISTRICT:	TRIADDELPHIA	STATE:
		OHIO	WV
			DATE: 04-19-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2

JACKSON SURVEYING  
 INC.  
 2413 EAST PIKE ST. # 112  
 Clarksburg, WV 26302  
 304-623-5851

DETAIL "B"



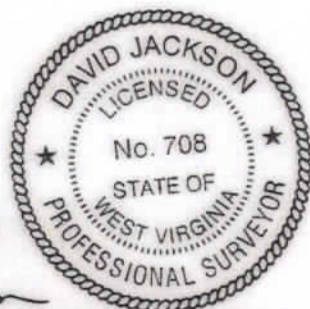
DETAIL "A"



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. 708

*David L Jackson*



06/30/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	MELVIN KAHLE OHI	API #
	WELL #:	1H	47-069-00346
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 04-19-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3

**JACKSON SURVEYING  
INC.**  
2413 EAST PIKE ST. # 112  
Clarksburg, WV 26302  
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	KAHLE MELVIN W JR & CAROL M (S)	6-T7-170
2	DICKEY THOMAS O III ET AL (S)	6-T7-171
3	DAVIS CONNIE (S)	6-T7-172.16
4	PAXTON DAVID M & CLAIRE (S)	6-T7-172.19
5	MILLER THOMAS & CATHY (S)	6-T7-172.17
6	WYCHERLEY TAMMY & JOSEPH E SR (S)	6-T7-161
7	BAKER JOHN & TERRIE (S)	6-T7-170.1
8	POLUS JODY & ALEXANDRIA (S)	6-T7-158
9	KAHLE MELVIN W JR (S)	6-T2-30
10	LAUDERMILT MARY A & G E (S)	6-T2-26
11	LAUDERMILT GARY E & MA (S)	6-T2-26.1
12	DICKERSON CYNTHIA ANN ET AL (S)	6-T2-22
13	HATCHER EDWARD A (S)	6-T2-21
14	HATCHER EDWARD A SR (S)	6-T2-21.4
15	HALL EULA BERNICE (S)	4-R18-3
16	NIZAMI SALEEM AHMAD & NIZAMI DENITRA DAWN (S)	4-R17H-18
17	NIZAMI SALEEM AHMAD & NIZAMI DENITRA DAWN (S)	4-R17H-19
18	NIZAMI SALEEM AHMAD & NIZAMI DENITRA DAWN (S)	4-R17H-17
19	RILEY CHRISTOPHER P (S)	4-R17D-49
20	NIZAMI SALEEM & DENITRA (S)	4-R17D-50
21	NIZAMI SALEEM & DENITRA (S)	4-R17D-51
22	CUMMINS ALVIN B & S G (S)	4-R17D-52
23	BROZOVICH GEORGE J & VICTORIA L (S)	4-R17D-53
24	BROZOVICH GEORGE J & VICTORIA L (S)	4-R17D-54
25	WEST THOMAS P (S)	4-R17D-179
26	BROZOVICH GEORGE J & VICTORIA L (S)	4-R17D-178
27	BISHOP JOSEPH E JR (S)	4-R17D-176
28	WOOD KAREN (S)	4-R17D-175
29	BAUKNECHT JON R & DONNA M (S)	4-R17D-64
30	YANTZ DAVID R & ELAINE M (S)	4-R17D-15
31	BARRICK LARRY G & JUDITH R (S)	4-R17D-102
32	BARRICK LARRY G & JUDITH R (S)	4-R17D-104
33	WILMOTH WILLIAM D & REBECCA W (S)	4-R17-60
34	KRAMER JOHN N (S)	4-R14-82
35	BUCON CHRISTOPHER J & SAMANTHA L (S)	4-R14-83.3
36	GESSLER TIMOTHY J & SHANNON L (S)	4-R14-83
37	MASON TRACEY L (S)	4-R14-83.1
38	DUPLAGA MICHAEL III & ALYSSA (S)	4-R14-49
39	WHEELING PARK COMMISSION (S)	10-W17D-7
40	HIGH PHILIP D (S)	4-R14-46.9
41	FITZSIMMONS CLAYTON J (S)	4-R14-46.13
42	WHEELER BROTHERS TRUST (S)	4-R14-46.16
43	PAULL LEE C IV (S)	4-R14-11
44	SANTINI FEDERICO & ELENA DANIELO (S)	4-R14-5
45	NANNERS STEPHANIE P (S)	4-R14-46.5
46	WHEELER CHARLES FRANKLIN WHEELER CORRINE N (S)	10-W14D-59
47	WHEELER FRANK W & L TRUSTEES (S)	10-W14D-60
48	CARROLL CAROL A (S)	10-W14D-61
49	FELICI ALFRED & M F (S)	10-W14D-62
50	KOTA GARY W & DEBRA A (S)	10-W14D-63
51	BOORD KIMBER LEIGH (S)	10-W14D-64
52	GRANATA LEANNA M (S)	10-W14D-65
53	SMITH NANCY LEE- TOD (S)	10-W14D-66
54	POLING FRED J & N I (S)	10-W14D-67
55	PELUCETTE CHRIS P & CAROLL (S)	10-W14D-68
56	VRANA TYLER M (S)	10-W14D-69
57	MOZNEY JACOB J & SUSANNE L (S)	10-W14D-70
58	BERRY PHILIP W & MARY L (S)	10-W14D-71
59	ARENSBERG CRAIG SCOTT II & KIMBERLY LYNN ARENSBERG (S)	10-W14D-72
60	ULRICH WILLIAM B & HENRIANNA LEE JOYNER-ULRICH (S)	10-W14D-73
61	RIGGS JAMES E & V D (S)	10-W14D-74
62	PARKER MARSHA & GWEN KELLY (S)	10-W14D-75
63	ANDERSON JAMES J & ESTHER M (S)	10-W12D-4

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	KOSEM KEVIN S KOSEM BRENDA A	7-TW7-11
B	KOSEM KEVIN S KOSEM BRENDA A	7-TWB-1
C	K & B RENTALS LLC	7-TWB-2.1
D	MCKEE FAMILY IRREVOCABLE TRUST	7-T7-174
E	BARTLETT RANDALL E	7-T7-172.15
F	BARTLETT RANDALL E & D M	6-T7-172.4
G	KOPYAR JERRY L AND CYNTHIA L	6-T7-172.6
H	DICKEY DAVID A GRAYNOVSKY MARGARET	6-T7-172.3
I	BENNETT WILLIAM R & TERRY L	6-T7-172.11
J	FURBEE DAVID L & MARY LOU	6-T7-172.5
K	STRAUB WILLIAM F & NINA J	6-T7-172.20
L	TOMINACK THOMAS SCOTT	6-T7-172.7
M	TOMINACK THOMAS S & M D	6-T7-172.8
N	KNOX MARK A & ALAIRE S	6-T7-172.10
O	SELAK ROBERT T & TAMMY L	6-T7-172.18
P	SELAK ROBERT T & TAMMY L	6-T7-172.13
Q	BUTLER RICHARD R & K J	6-T7-160.1
R	BUTLER KAREN J	6-T7-160
S	WYCHERLEY TAMMY & JOSEPH E SR	6-T7-161.1
T	HELMS AMY J & HUBBARD ROBERT S	6-T7-172.9
U	MCCONNELL SAMANTHA A & DAVID	6-T7-162
V	ANDERSON CLIFFORD R ET AL	6-T7-172
W	HEARN LYLE & KIMBERLIE	6-T7-173
X	LUCKY FARMS LLC	6-T7-163
Y	LAUDERMILT MARY ANN & GARY E SR	6-T7-142
Z	DANEHART ARTHUR W & P (LIFE) ENGLAND CYNTHIA A ET AL	6-T7-141
A2	CROFT REVOCABLE TRUST	6-T7-139
B2	JONES LAMBERT	6-T2-24.1
C2	CROFT SAMUEL E & ROSE M TRUST CROFT SAMUEL E & ROSE M; TEES	6-T2-24
D2	CROFT SAMUEL & ROSE	6-T2-24.2
E2	JONES LAMBERT T II	6-T7-138
F2	SAPORITO MICHAEL A & RAE L	6-T7-136
G2	FIGARETTI ANTHONY FRANK	6-T7-137
H2	FIGARETTI ANTHONY FRANK	6-T7-180
J2	WALLACE R W JR & SHOCKEY DAVID G	6-T7-134
J2	BAUER HOLLY K & PAUL M	6-T7-112.1
K2	FRITTER RALPH LEE II FRITTER MELISSA EDITH	6-T7-111
L2	ORUM M D 6/9 INT, W B ORUM 1/9 K D ORUM 1/9 & J E ORUM 1/9	6-T7-135.1
M2	ORUM WILLIAM A & CYNTHIA	6-T7-178
N2	MINCH TIMMY B & AMY L	6-T2-18
O2	ORUM WILLIAM A & CYNTHIA E	6-T2-19.1
P2	WOJCHOWSKI MORGAN A	6-T2-20
Q2	POCKL RONALD J	6-T2-20.1
R2	MEMURI HOME & GARDEN LLC	4-R17H-1
S2	FLUHARTY DAVID L	4-R17H-8
T2	JACK PHYLUS ANN & REUTHER JACQUELINE ANN	4-R17H-10
U2	VOSSEN BRIAN & TAMBRIA	4-R17H-11
V2	VOSSEN BRIAN & TAMBRIA	4-R17H-13
W2	JASKO GERALD & CARL S	4-R17H-16
X2	PROTIVA DAVID D & HOLLY A	4-R17D-38
Y2	PROTIVA DAVID D & HOLLY A	4-R17D-40
Z2	WEATHERSON PENNY	4-R17D-41
A3	WEATHERSON PENNY	4-R17D-42
B3	BAUKNECHT JON R & DONNA M	4-R17D-56
C3	BAUKNECHT JON & DONNA MARIE	4-R17D-57
D3	LECLUER JOHN & JAN CAREN	4-R17D-59.1
E3	ZUK GREGORY A & JENNIFER R	4-R17D-62
F3	KNIERIM PHILIP G & SANDRA S	4-R17D-15.1
G3	MANSUETTO MATTHEW J & MELISSA A	4-R17D-11
H3	MANSUETTO MATTHEW J & MELISSA A	4-R17D-12
I3	MANSUETTO MATTHEW J & MELISSA A	4-R17D-13
J3	MANSUETTO MATTHEW J & MELISSA A	4-R17D-14
K3	NUTTING G OGDEN TRUST	4-R17-60.2
L3	NUTTING G OGDEN TRUST	4-R17-34
M3	GRINDLEY JOHN K & LINDA H	4-R17-32
N3	GRINDLEY JOHN K & LINDA M	4-R17-31
O3	KRAMER JOHN N	4-R17-60.1
P3	GRINDLEY JOHN K & LINDA M	4-R14-81

06/30/2023

REVISIONS:	COMPANY:	 	
	OPERATOR'S WELL #:	MELVIN KAHLE OHI 1H	API # 47-069-00346
	DISTRICT:	TRIADLPHIA	STATE: WV
			DATE: 04-19-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO: WELL LOCATION PLAT 4

**JACKSON SURVEYING  
INC.**  
2413 EAST PIKE ST. # 112  
Clarksburg, WV 26302  
304-623-5851

TRACT	SURFACE OWNER	TAX PARCEL
Q3	CUFFARO PETER L	4-R14-82.6
R3	MENDENHALL THOMAS T & CHERYL B	4-R14-82.8
S3	MENDENHALL T T & C B	4-R14-82.5
T3	ROCKEY BRIAN R & JULIANNE	4-R14-82.4
U3	GASTON FRANCES K	4-R14-74
V3	BRADAC CHARLES J JR	4-R14-47
W3	STRAUSS CARTER W & B S	4-R14-48
X3	RANDOLPH LOUIS R & CANDICE A	4-R14-48.1
Y3	RANDOLPH LOUIS R & CANDICE A	10-W17D-9.1
Z3	HITCHMAN ROBERT R & STEPHANIE Z	10-W17D-9
A4	WARD MARY LOUISE (LE) BOARD SUSAN WARD	4-R14-60
B4	LAPP SAMUEL J II & HEATHER A	4-R14-50.1
C4	CITY OF WHEELING	4-R14-15
D4	MCBANE DANIEL J & CLARE	10-W17D-6
E4	MILLER DAVID W & JUNKERSFELD P	10-W17D-5
F4	WAYT MICHAEL T & HEATHER OSHEA	4-R14L-17
G4	WAYT MICHAEL T & OSHEA H	4-R14L-18
H4	PAULL LEE C IV	4-R14-46.17
I4	WAYT MICHAEL T & HEATHER A	4-R14L-16.1
J4	BURKLAND C DAVIS & LESLIE	4-R14L-06
K4	WAYT MICHAEL T & HEATHER A	4-R14L-16.3
L4	GRIFFITH MATTHEW B	10-W17D-1
M4	JACOVETTY GERALD & LAURA - TOD	10-W14D-58
N4	CAMPBELL RICHARD W & MARY J	10-W14D-59.1
O4	EDDY MEREDITH D	10-W14D-55
P4	PAYNE JAMES & EFATHALIA	10-W14D-54
Q4	GHEEN ORVILLE TRUST; SCOTT M GHEEN SUCCESSOR TRSTEE	10-W14D-53
R4	SCHERICH RAY M	10-W14D-52
S4	CALDABAUGH KENNETH E	10-W14D-51
T4	BLAND JACQUE JO	10-W14D-50
U4	ANTLAKE JOHN M	10-W14D-49
V4	KUNTZ TERRANCE L & M S	10-W14D-48
W4	TYRNA PAUL L & RHONDA J	10-W14D-47
X4	MARINACCI MICHELLE L	10-W14D-46
Y4	MCKEE JAMES F & L L	10-W14D-45
Z4	GONGOLA LAWRENCE K & LINDA	10-W14D-44
A5	MORGAN JOSEPH STAFFILENO BRITTANY N	10-W14D-43
B5	ODEA LAUREN MARCELLA	10-W14D-42
C5	DERROW CHRISTOPHER D	10-W14D-41
D5	ULLERY ERIC V & RENEE	10-W14D-40
E5	KUNTZ JOSEPH L & C M	10-W14D-39
F5	MONDERINE JAMES JR & MARY ANN	10-W14D-38
G5	RANSOM CHARLES M & CRYSTAL G	10-W12D-1
H5	KASSERMAN-MARSHALL SARAH L & DANIEL H	10-W12D-3
I5	RECCHIO RONALD & AMANDA	4-R14G-15.10
J5	THORN SUSAN CAROL	4-R14G-16
K5	TURAK, CHRISTOPHER M & SHAWN R	4-R14G-15
L5	NANNERS KENNETH C & STEPHANIE P	4-R14G-15.12
M5	KRALL MARGARET A	4-R14G-15.7
N5	KRALL MARGARET A	4-R14G-15.5
O5	LEEWOOD FARMS ASSOCIATION INC	4-R14G-17.1
P5	LEEWOOD FARMS ASSOCIATION INC	4-R14G-17
Q5	GRUBLER BERNARD J	4-R14-46.3
R5	NANNERS KENNETH C & S P	4-R14-46.14
S5	MORANDO TYLER T & CAYLA S	4-R14H-25
T5	NANNERS KENNETH C & S P	4-R14-46.2
U5	ALEXANDER SPIRO G & CARLA	4-R14H-17
V5	MCDERMOTT R GREGORY & L D	4-R14M-13
W5	HERNDON RICHARD G JR HERNDON PAMELA B	4-R14L-1
X5	KLUG DAVID R & P B	4-R14L-2
Y5	PIZZARRO CESAR D & E C	4-R14L-3
Z5	REED DAVID F & C M	4-R14L-4
A6	BOWMAN PATTI J	4-R14L-10
B6	BOWMAN PATTI J	4-R14L-14
C6	MCDONALD KATHIE J & JOHN T JR	4-R14L-13
D6	PELICHETTE M DAVID & ELAINE	4-R14L-12
E6	COYNE KEVIN P	4-R14-46.1
F6	TAYLOR CHRISTOPHER T & BRITTANY N TAYLOR	4-R14-46.15
G6	TAYLOR CHRISTOPHER T & BRITTANY N TAYLOR	4-R14-46.12
H6	TIJ CHRISTOPHER & DANA K	4-R14-46.18

TRACT	SURFACE OWNER	TAX PARCEL
I6	JAMISON LINDA G KOLAS	4-R14M-3.1
J6	FULTON JOAN E	4-R14M-35
K6	SHEETS DON E	4-R14R-1.1
L6	BRINSKY JAMES S & MARY T	4-R14R-1.3
M6	BUCON JAMES P & LISA M	4-R14-83.2
N6	PATRICK PATRICIA & STEPHEN	4-R14-85.1
O6	SCHENERLEIN SCOTT M	4-R14-85.3
P6	MARSHALL JENIFER ELAINE	4-R14-84.1
Q6	JONES LAMBERT T & E L	4-R14-84
R6	OBRIEN SEAN P	4-R14-85
S6	JONES LAMBERT T II & MARIAN D	4-R14-85.2
T6	MCCARDLE DOUGLAS	4-R17D-128
U6	HUMWAY ROSE	4-R17D-81
V6	BARRICK LARRY G & JUDITH	4-R17D-101
W6	ALBERT ELIVRA	4-R17D-100
X6	ALBERT ELVIRA	4-R17D-99
Y6	BARRY NANCY	4-R17D-66
Z6	CAMPBELL THOMAS W & R E	4-R17D-174
A7	NIZAMI SALEEM AHMAD & DENITRA DAWN NIZAMI	4-R17D-180
B7	NIZAMI SALEEM AHMAD & DENITRA DAWN NIZAMI	4-R17D-184
C7	NIZAMI SALEEM & DENITRA	4-R17H-21.1
D7	ROBINSON RICHARD J	4-R18A-2
E7	HOPKINS CLARENCE E III	4-R18-4.2
F7	CRONIN AMY PERKO CRONIN CHEYENNE WILLIAM	4-R18-21.4
G7	LAFOLLETT MARY BETH LAFOLLETT CHRISTOPHER NEAL	4-R18-21
H7	JOSHUA D MILLER	4-R18-21.1
I7	JOSHUA D MILLER	4-R18-21.5
J7	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-21.2
K7	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-27.1
L7	HOFFMAN ROBERT LEE JR & BIERKORETTE BERNADINE	4-R18-27
M7	HESS KEITH R & CAROLYN S	4-R18-2.1
N7	JOHNSON HARRY E -TOD	4-R18-2
O7	HATCHER HOWARD W JR & L J	6-T2-21.6
P7	COVEY ON RISE, LLC	6-T2-21.5
Q7	DAILER JAMES M & MARILYN D	6-T2-21.7
R7	NEUMAN MICHAEL C & COCHRAN SARAH	6-T2-21.1
S7	BARON JAMES C & CAROLYN J	6-T2-21.2
T7	BARON JAMES C & CAROLYN J	6-T2-21.3
U7	NEUMAN MICHAEL C & COCHRAN SARAH	6-T2-25
V7	WALTER DONALD & DIANA	6-T2-29
W7	YAHN KEYSTONE TRUST	6-T2-29.1
X7	KAHLE MELVIN W JR	6-T2-36
Y7	KAHLE MELVIN W JR & C M	6-T7-170.2
Z7	OCH CHARLES R III & MELISSA R C/O OCH MELISSA RENEE	6-T8-1
A8	MARSHALL GARY E & D A	6-T8-2.1
B8	RIGGS FRANCIS A & DAISY M ESTS	6-T8E-3
C8	MINNOTTE HOLDINGS II LLC	7-TW7-1.1
D8	MINNOTTE HOLDINGS II LLC	7-TW7-2
E8	NAGLE FAMILY IRREVOCABLE TRUST C/O WESBANCO TRUST SERVICES	7-TW7-3
F8	OHIO COUNTY PUBLIC SERV DIST	7-TW7-4.1
G8	OHIO COUNTY PUBLIC SERV DIST	7-TW7-5
H8	OHIO COUNTY PUBLIC SERV DIST	7-TW7-6
I8	COOK DENNIS L SR	7-TW7-7
J8	KOSEM KEVIN S & BRENDA A	7-TW7-8
K8	LAUFFER JEAN C LE & GUTMAN CL LAUFFER ME; HESS MA	7-TW7-9
L8	KOSEM KEVIN S & BRENDA A	7-TW7-10

06/30/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	MELVIN KAHLE OHI	API #
	WELL #:	1H	47-069-00346
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 04-19-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 5

WW-6A1  
(5/13)

Operator's Well No. MELVIN KAHLE OHI 1H

**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
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See Exhibit A

**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 Co., LLC  
 By: Gavin Nadeau, RPL  
 Its: Senior Landman

EXHIBIT "A"

MeVin Kable OHI IH

Ohio County, West Virginia

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, LLC, Operator

ROW	DATE	OWNER	PROPERTY	INTEREST	ROYALTY	NET/P	% INTEREST OWNED BY SWN PRODUCTION COMPANY, LLC
1)	06-0077-0170-0000	MeVin W. Kable, Jr. and Carol M. Kable, husband and wife	Great Lakes Energy Partners, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	771494 808467 883204	0.00%	
2)	06-0077-0171-0000	Mary Angela Dickey, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	793213 885512	0.00%	
3)	06-0077-0172-0016	Connie Davis, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	807286 883291	0.00%	
4)	06-0077-0172-0019	Brian W. Voseca and Terriera K. Voseca, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	808345 883267	0.00%	
5)	06-0077-0172-0017	Thomas L. Miller and Cathy Ann Miller, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	812448 884313	0.00%	
6)	06-0077-0161-0000	Joseph T. Bobacic, single, and Samantha J. Rohm, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	826361 885140	0.00%	
7)	06-0077-0170-0001	Thomas Craig Burke and Connie Jo Burke, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	826611 884337	0.00%	
8)	06-0077-0158-0000	470 Land Company LLC	Fossil Creek Ohio, LLC Gulfport Energy Corporation American Petroleum Partners Operating, LLC SWN Production Company, LLC	18.00%	873532 893392 909775 986405	0.00%	
9)	06-0072-0030-0000	MeVin W. Kable, Jr. and Carol M. Kable, husband and wife	Great Lakes Energy Partners, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	771494 808467 883204	0.00%	
10)	06-0072-0026-0000	Gary E. Laudermilk and Mary Ann Laudermilk, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	19.25%	816575 884265	0.00%	
11)	06-0072-0026-0001	Gary E. Laudermilk and Mary Ann Laudermilk, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	19.25%	816575 884265	0.00%	
12)	06-0072-0022-0000	Ruth Hall, widow	NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	814339 827284 858359 885296	0.00%	
13)	06-0072-0021-0000	Edward A. Hatcher, single	NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	815413 827284 858359 885284	0.00%	
14)	06-0072-0021-0004	Howard W. Hatcher Jr., and Linda J. Hatcher, husband and wife	NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	817516 827284 858359 885296	0.00%	
15)	04-0118-0003-0000	Bernice C. Hall, Trustee and Settlor under Trust dated March 14, 1995	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	799102 884217	0.00%	
		Thomas W. Hall, Trustee and Settlor under Trust dated March 14, 1995	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	799103 884217	0.00%	
16)	04-R17H-0018-0000	Salwaat Ahmad Nizami and Donnie Dawn Nizami, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	845372 885865	0.00%	
17)	04-R17H-0019-0000	Salwaat Ahmad Nizami and Donnie Dawn Nizami, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	845372 885865	0.00%	
18)	04-R17H-0017-0000	Salwaat Ahmad Nizami and Donnie Dawn Nizami, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	845372 885865	0.00%	
19)	04-R17D-0049-0000	Stonebridge Minerals, LLC	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	848191 884777	0.00%	
20)	04-R17D-0050-0000	Honor W. Hall and Bernice C. Hall, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	835294 884765	0.00%	
21)	04-R17D-0051-0000	Honor W. Hall and Bernice C. Hall, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	835294 884765	0.00%	
22)	04-R17D-0052-0000	James Robert Butler, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	846373 885865	0.00%	
23)	04-R17D-0053-0000	George J. Brozovich and Victoria L. Brozovich, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	838773 884789	0.00%	
24)	04-R17D-0054-0000	George J. Brozovich and Victoria L. Brozovich, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	838773 884789	0.00%	
25)	04-R17D-0179-0000	Thomas P. West, Jr., a/k/a Thomas P. West, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	825313 884705	0.00%	
26)	04-R17D-0178-0000	George J. Brozovich and Victoria L. Brozovich, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	839733 88311	0.00%	
27)	04-R17D-0176-0000	Joseph E. Bishop, Jr., married, dealing in his sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	844634 885353	0.00%	
28)	04-R17D-0175-0000	David Harold Lappert, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	838260 884499	0.00%	
		Donald Lappert, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	858255 884499	0.00%	
		Karen F Wood, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	858265 884499	0.00%	
29)	04-R17D-0064-0000	Jon R. Beutelschick and Donna Marie Beutelschick, a/k/a Donna M. Beutelschick, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	837756 884789	0.00%	
30)	04-R17D-0015-0000	David R. Yantz and Elaine M. Yantz, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	837651 884789	0.00%	
31)	04-R17D-0102-0000	Larry O. Barrick and Judith R. Barrick, a/k/a Judith Barrick, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	824311 884705	0.00%	
32)	04-R17D-0104-0000	Larry O. Barrick and Judith R. Barrick, a/k/a Judith Barrick, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	824311 884705	0.00%	
33)	04-R17D-0060-0000	Rebecca W. Wilson and William D. Wilson, her husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	876158 895491	0.00%	
34)	04-R14-0082-0000	John N. Kramer and Kristina Ann Kramer, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	875124 895491	0.00%	
35)	04-R14-0083-0001	James P. Bacon and Lisa M. Bacon, husband and wife	SWN Production Company, LLC	18.00%	960198	0.00%	
36)	04-R14-0083-0000	Karen M. Hobbs, married, dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	818457 884681	0.00%	
37)	04-R14-0083-0001	Joseph P. Chosbeck and Barbara D. Chosbeck, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	820175 884693	0.00%	
38)	04-R14-0049-0000	Michael F. Duplaga, III and Alyson Duplaga, husband and wife	SWN Production Company, LLC	18.00%	976743	0.00%	
39)	10-W17D-0007-0000	Rafectop Appalachia, LLC, by Bradley Carpenter, Authorized Signatory	SWN Production Company, LLC	18.00%	996589	0.00%	
40)	04-R14-0046-0000	Phillip D. High, single	SWN Production Company, LLC	18.00%	999124	0.00%	
41)	04-R14-0046-0013	Waylon J. Rowles, single	SWN Production Company, LLC	18.00%	999124	0.00%	
42)	04-R14-0046-0019	Whitaker Services Trust, expressed herein by Walter F. Wheeler, Trustee	SWN Production Company, LLC	18.00%	999124	0.00%	
43)	04-R14-0011-0000	Las C. Fossil, IV, married, dealing in his separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	800823 976726	0.00%	
44)	04-R14-0003-0000	Doreen J. Demuth, widow, by Stephen J. Murphy, Power-of-Attorney	SWN Production Company, LLC	18.00%	977243	0.00%	
45)	04-R14-0046-0005	Stephanie P. Newsum	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	816110 884373	0.00%	
46)	10-W14D-0059-0000	Charles Wheeler and Corinne Wheeler, husband and wife	SWN Production Company, LLC	18.00%	970794	0.00%	
47)	10-W14D-0060-0000	Charles Wheeler and Corinne Wheeler, husband and wife	SWN Production Company, LLC	18.00%	970794	0.00%	
48)	10-W14D-0061-0000	Carel A. Carroll, a widow	SWN Production Company, LLC	18.00%	970436	0.00%	
49)	10-W14D-0062-0000	Alfred Felletti & Mary F. Felletti, husband and wife	SWN Production Company, LLC	17.99%	1020385	0.00%	
50)	10-W14D-0063-0000	Gary Kott and Debra Kott, husband and wife	SWN Production Company, LLC	16.99%	984117	0.00%	
51)	10-W14D-0064-0000	Kambor Leigh Board, single	SWN Production Company, LLC	18.00%	985744	0.00%	
52)	10-W14D-0065-0000	Dominic C. Orsatta and Louisa M. Orsatta, husband and wife	SWN Production Company, LLC	18.00%	1005376	0.00%	
53)	10-W14D-0066-0000	Wayne E. Smith and Nancy Lee Smith, husband and wife	SWN Production Company, LLC	18.00%	976351	0.00%	
54)	10-W14D-0067-0000	Fred J. Poling and Nancy I. Poling, husband and wife	SWN Production Company, LLC	18.00%	976473	0.00%	
55)	10-W14D-0068-0000	Chris P. Puchette and Carol L. Puchette, husband and wife	SWN Production Company, LLC	18.00%	991118	0.00%	
56)	10-W14D-0069-0000	Tyler M. Vrana	SWN Production Company, LLC	18.00%	976370	0.00%	
57)	10-W14D-0070-0000	Jacob J. Metzger and Susanna L. Metzger	SWN Production Company, LLC	18.00%	976370	0.00%	
58)	10-W14D-0071-0000	Philip W. Beckey and Mary L. Beckey, husband and wife	SWN Production Company, LLC	18.00%	976370	0.00%	
59)	10-W14D-0072-0000	Chris Scott Anselberg, II, married, dealing in his separate property	SWN Production Company, LLC	18.00%	999106	0.00%	
60)	10-W14D-0073-0000	William B. T. Wick and Hesteriane Lee Fowler-Wick, husband and wife	SWN Production Company, LLC	18.00%	974344	0.00%	
61)	10-W14D-0074-0000	Virginia D. Rigg, a widow	SWN Production Company, LLC	18.00%	970430	0.00%	

EXHIBIT "A"						
Melvin Kable O&G						
Ohio County, West Virginia						
Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, MW-6A1, by SWN Production Company, L.L.C., Operator						
DATE	INTEREST	LESSOR	OPERATOR	ROYALTY	WVPG	INTEREST NOT LEASED BY SWN PRODUCTION COMPANY, L.L.C.
62	IG-W14D-0075-0000	Betty A. Cowling, a widow	SWN Production Company, LLC	18.00%	069-291	0.00%
63	IG-W12D-0004-0000	James J. Anderson and Esther M. Anderson, husband and wife	SWN Production Company, LLC	18.00%	069-315	0.00%

END OF EXHIBIT "A"



SWN Production Company, LLC  
1300 Fort Pierpont Dr, Ste 201  
Morgantown, WV 26508  
Tel: 304 884 1610  
Fax: 304 471 2497  
www.swn.com

July 28, 2022

Mr. Charles Brewer  
WV DEP Office of Oil & Gas  
601 57<sup>th</sup> St., SE  
Charleston, WV 25304

**RE:** SWN's proposed New Well: Melvin Kahle OHI 201H in Ohio County, West Virginia, Drilling under Turkey Trot Lane, Bittersweet Dr, Chapel Hill Road, Peters Run Road, Gravel Road, Arborland Road, Warden Run Road, Aarons Woods Ct, and Bello Vedere Ave.

Dear Mr. Brewer:

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 Turkey Trot Lane, Bittersweet Dr, Chapel Hill Road, Peters Run Road, Gravel Road, Arborland Road, Warden Run Road, Aarons Woods Ct, and Bello Vedere Ave. Be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Respectfully,

**SWN Production Company, LLC**

A handwritten signature in blue ink, appearing to read "Gavin Nadeau".

Gavin Nadeau, RPL  
Landman

A red logo consisting of the letters "R/A" stacked vertically, followed by a right-pointing arrow, and then the letters "V+" stacked vertically.

The Right People doing the Right Things,  
wisely investing the cash flow from our  
underlying assets. **Millennium Value+**

06/30/2023