

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

API 47-069-00162 County 69-Ohio District 7-Tridelpia
Quad 648-Valley Grove Pad Name CHARLE FRYE-OHI-PAD1 Field/Pool Name Panhandle Field
Farm name CHARLE FRYE-OHI Well Number 6
Operator (as registered with the OOG) SWN Production Company LLC
Address 10000 Energy Drive City Spring State TX Zip 77389

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4433741.389 Easting 536073.931
Landing Point of Curve Northing 4433198.042 Easting 535981.354
Bottom Hole Northing 4432018.957 Easting 536784.595

Elevation (ft) 1267.5' 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 4/30/13 Date drilling commenced 2/13/15 Date drilling ceased 3/27/15
Date completion activities began 5/26/15 Date completion activities ceased 6/21/15
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft 564' Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1135' Void(s) encountered (Y/N) depths Y 626-646'
Coal depth(s) ft 627' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

JK

10/09/2015

API 47-069 - 00162 Farm name CHARLE FRYE-OHI Well number 6

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	30	20	126	N	J-55/94 ppf		Y
Surface	17.5	13.375	735	N	J-55/54.5 ppf	615' & 595'	Y
Coal	12.25	9.625	2,226	N	J-55/40 ppf		Y
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	8.75 to 8.5	5.5	12,628	N	HCP-110		Y
Tubing		2.375	7165	N	P-110		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	Grout	19.3	1.19	241.42	Surface	24
Surface	Class A	370	15.6	1.18	436.6	Surface	8
Coal	Class A	824	15.6	1.19	998	Surface	8
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	Class A	2530	15.6	1.19	3010.7	Surface	24
Tubing	NA	NA	NA	NA	NA	NA	NA

Drillers TD (ft) 12,628 Loggers TD (ft) 12,628

Deepest formation penetrated Marcellus Plug back to (ft) NA

Plug back procedure NA

Kick off depth (ft) 5690 TVD

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: 1 bow spring centralizer every third joint TD to Surface Intermediate: 1 bow spring centralizer every third joint TD to Surface Production: 1 solid body centralizer from TD to 30 degrees in the curve, 1 bow spring every third joint from 30 degrees to Surface

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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Environmental Protection

API 47- 069 - 00162 Farm name CHARLE FRYE-OHI Well number 6

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>6585'</u>	<u>TVD</u>	<u>12,628'</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>DEPTH IN FT NAME TVD</u>	<u>DEPTH IN FT TVD</u>	<u>DEPTH IN FT MD</u>	<u>DEPTH IN FT MD</u>	
	<u>0</u>		<u>0</u>		
<u>BASE OF FRESH WATER</u>					
					<u>SEE ATTACHED</u>

Please insert additional pages as applicable.

Drilling Contractor SWN Drilling Company
Address 10000 Energy Drive City Spring State TX Zip 77389

Logging Company Baker Hughes
Address 9110 Grogans Mill RD City The Woodlands State TX Zip 77380

Cementing Company CalFrac Well Services
Address 1450 Lake Robbins Dr. City The Woodlands State TX Zip 77380

Stimulating Company Baker Hughes
Address 9110 Grogans Mill Rd City The Woodlands State TX Zip 77380

Please insert additional pages as applicable.

Completed by Cody Magby Telephone 8327966215
Signature _____ Title Sr. Staff Regulatory Analyst Date 9/3/15

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Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

10/09/2015

CHARLES FRYE 6H					
LITHOLOGY/FORMATION	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, TVD (FT)	TOP DEPTH, MD (FT)	BOTTOM DEPTH, MD (FT)	QUANTITY AND TYPE OF FLUID
Pittsburgh Coal	627	642	627	642	NA
Big Injun (ss)	1681	2006	1681	2006	100 bbl/hr water
Rhinstreet (shale)	5852	6138	5889	6284	NA
Cashaqua (shale)	6138	6213	6284	6423	NA
Middlesex (shale)	6213	6285	6423	6561	NA
Burket (shale)	6285	6317	6561	6623	NA
Tully (ls)	6317	6352	6623	6691	NA
Mahantango (shale)	6352	6484	6691	7098	NA
Marcellus (shale)	6484		7098		gas

69-00162

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Well API #: 47069001620000		STIMULATION INFORMATION PER STAGE									
WELL NAME	STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/other		
CHARLES FRYE OHI 6	1	5/26/2015	101	8,153	9,030	4,532	603,158	8,839			
CHARLES FRYE OHI 6	2	5/26/2015	100	7,877	9,070	4,624	600,600	8,459			
CHARLES FRYE OHI 6	3	5/27/2015	101	7,763	8,901	4,552	598,517	9,664			
CHARLES FRYE OHI 6	4	5/27/2015	100	7,255	8,964	4,435	600,052	8,514			
CHARLES FRYE OHI 6	5	5/28/2015	102	7,654	8,876	4,498	602,221	8,357			
CHARLES FRYE OHI 6	6	5/28/2015	100	7,590	9,011	4,580	599,579	8,668			
CHARLES FRYE OHI 6	7	5/28/2015	101	7,872	8,940	4,570	596,853	8,339			
CHARLES FRYE OHI 6	8	5/29/2015	100	7,495	8,538	4,604	605,826	8,605			
CHARLES FRYE OHI 6	9	5/29/2015	102	7,424	8,814	4,593	592,397	8,692			
CHARLES FRYE OHI 6	10	5/30/2015	100	7,470	9,057	4,558	599,001	8,553			
CHARLES FRYE OHI 6	11	5/30/2015	101	7,315	8,792	4,580	605,174	8,283			
CHARLES FRYE OHI 6	12	5/31/2015	84	7,977	9,208	4,456	601,311	11,014			
CHARLES FRYE OHI 6	13	5/31/2015	100	7,404	8,335	4,790	602,020	18,512			
CHARLES FRYE OHI 6	14	6/1/2015	101	7,531	8,926	4,686	597,119	8,340			
CHARLES FRYE OHI 6	15	6/1/2015	100	7,360	8,274	4,780	603,332	8,375			
CHARLES FRYE OHI 6	16	6/1/2015	101	7,624	9,133	4,556	599,032	8,379			
CHARLES FRYE OHI 6	17	6/2/2015	99	7,484	8,546	4,579	604,043	8,399			
CHARLES FRYE OHI 6	18	6/2/2015	101	7,069	8,724	4,733	603,686	8,218			
CHARLES FRYE OHI 6	19	6/3/2015	101	7,142	8,794	4,823	601,856	8,314			
CHARLES FRYE OHI 6	20	6/3/2015	98	7,030	7,973	4,658	604,012	8,176			
CHARLES FRYE OHI 6	21	6/3/2015	101	7,148	8,224	4,790	602,858	8,246			
CHARLES FRYE OHI 6	22	6/4/2015	101	7,047	9,030	4,786	593,882	8,233			

VED
 118,283
 11,014
 18,512
 8,340
 8,375
 8,379
 8,399
 8,218
 8,314
 8,176
 8,246
 8,233
 SEP 08 2015
 AN EXPANSION

69-00162

Well API #: 47069001620000		PERFORATION RECORD					
WELL NAME	STAGE NUM	PERF DATE	PERF TOP MD	PERF BOTTOM MD	# SHOTS PER STG	FORMATION	
CHARLES FRYE OHI 6	1	5/26/2015	12,302	12,468	42	Marcellus	
CHARLES FRYE OHI 6	2	5/26/2015	12,046	12,246	42	Marcellus	
CHARLES FRYE OHI 6	3	5/27/2015	11,829	12,008	42	Marcellus	
CHARLES FRYE OHI 6	4	5/27/2015	11,581	11,775	42	Marcellus	
CHARLES FRYE OHI 6	5	5/28/2015	11,327	11,504	42	Marcellus	
CHARLES FRYE OHI 6	6	5/28/2015	11,077	11,275	42	Marcellus	
CHARLES FRYE OHI 6	7	5/28/2015	10,846	11,029	42	Marcellus	
CHARLES FRYE OHI 6	8	5/29/2015	10,598	10,781	42	Marcellus	
CHARLES FRYE OHI 6	9	5/29/2015	10,375	10,556	42	Marcellus	
CHARLES FRYE OHI 6	10	5/30/2015	10,117	10,308	42	Marcellus	
CHARLES FRYE OHI 6	11	5/30/2015	9,892	10,075	42	Marcellus	
CHARLES FRYE OHI 6	12	5/31/2015	9,615	9,846	75	Marcellus	
CHARLES FRYE OHI 6	13	5/31/2015	9,402	9,575	42	Marcellus	
CHARLES FRYE OHI 6	14	6/1/2015	9,173	9,348	42	Marcellus	
CHARLES FRYE OHI 6	15	6/1/2015	8,942	9,094	42	Marcellus	
CHARLES FRYE OHI 6	16	6/1/2015	8,692	8,846	42	Marcellus	
CHARLES FRYE OHI 6	17	6/2/2015	8,442	8,633	42	Marcellus	
CHARLES FRYE OHI 6	18	6/2/2015	8,217	8,398	42	Marcellus	
CHARLES FRYE OHI 6	19	6/3/2015	7,992	8,148	42	Marcellus	
CHARLES FRYE OHI 6	20	6/3/2015	7,731	7,908	42	Marcellus	
CHARLES FRYE OHI 6	21	6/3/2015	7,502	7,671	42	Marcellus	
CHARLES FRYE OHI 6	22	6/4/2015	7,252	7,429	42	Marcellus	

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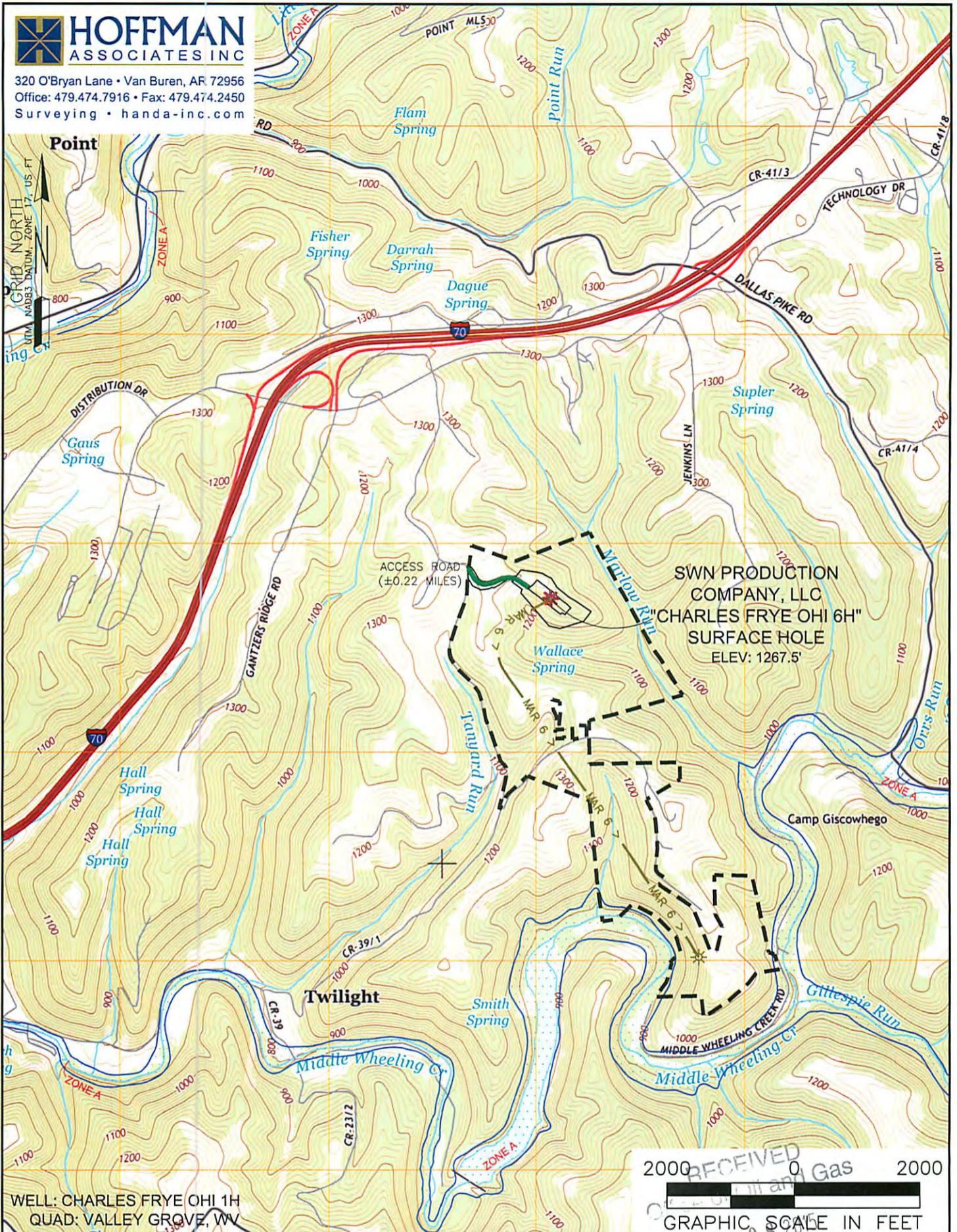
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West Virginia Department of Environmental Protection

69-00162

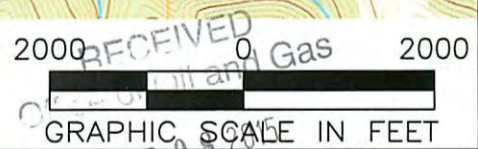
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WELL: CHARLES FRYE OHI 1H
QUAD: VALLEY GROVE, WV



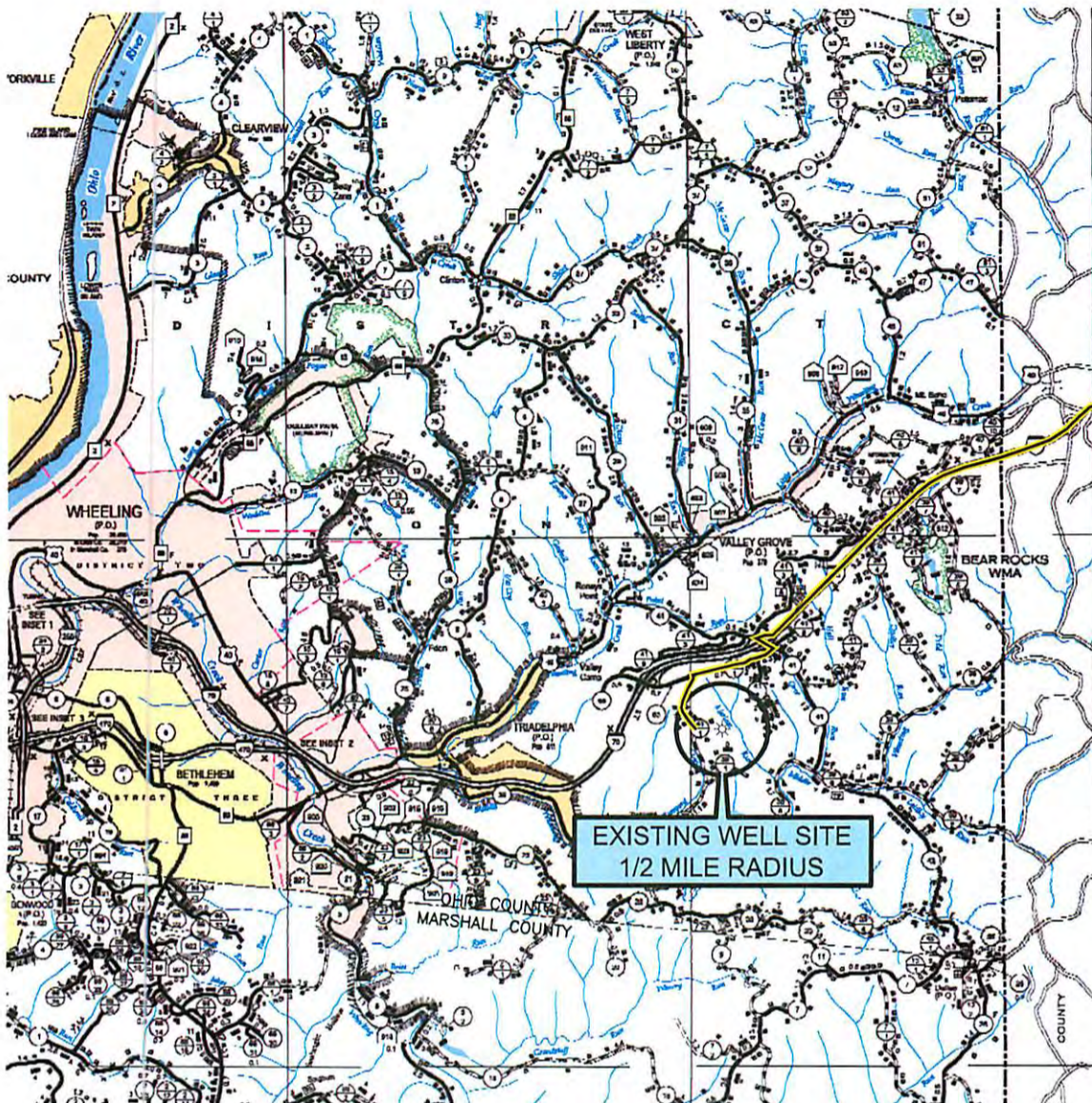
NAME AND DISTANCE TO THE NEAREST STREAM: MARLOW RUN IS LOCATED ±0.18 MILES NORTHEAST OF THE CENTER OF THE DRILL PAD.		STREAM CROSSING COORDINATES (NAD 83): NO NEW CROSSINGS.		COMPANY: 	
WELL RESTRICTIONS: WELL PAD, LOD, & E & S CONTROL FEATURES TO PERENNIAL STREAM, LAKE, POND, RESERVOIR OR WETLAND: >100 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO NATURALLY PRODUCING TROUT STREAM: >300 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY: >1000 FEET WELL SHL TO EXISTING WATER WELL OR DEVELOPED SPRING: >250 FEET CENTER OF PAD TO OCCUPIED DWELLING STRUCTURE: >625 FEET CENTER OF PAD TO AGRICULTURAL BUILDINGS LAGER THAN 2500 SQ FT: >625 FEET		OPERATOR'S CHARLES FRYE OHI		WELL #: 6H	
FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM INCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0078D, 54069C0090D, & 54069C0095D; EFFECTIVE DATE: JULY 17, 2006.		LOCATION: TRIDELPHIA DISTRICT, OHIO COUNTY, WEST VIRGINIA		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.053144° LONGITUDE: -80.577062°	
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ☼ EXISTING / PRODUCING WELLHEAD ⊗ ABANDONED WELL ⊗ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR		○ EXISTING SPRING ○ EXISTING WATER WELL — ACCESS ROAD — ACCESS ROAD TO PREV. SITE — HIGHWAY/INTERSTATE — COUNTY ROAD		BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.037595° LONGITUDE: -80.568828°	
REVISIONS:		DATE: 08-25-2015		DRAWN BY: S. HUTSON SCALE: 1" = 2000' DRAWING NO: 59060 TOPOGRAPHIC MAP	

69-00162



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



ACCESS ROAD COORDINATES (NAD 83):
LEAVE PUBLIC ROAD LAT: 40.054421° / LONG: -80.581823°
ENTER WELL SITE LAT: 40.053584° / LONG: -80.578284°



GENERAL HIGHWAY MAP
OHIO COUNTY
WEST VIRGINIA

PREPARED BY
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
PLANNING DIVISION

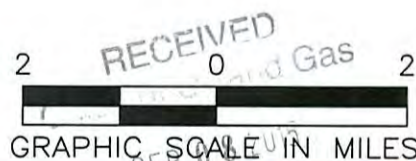
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



GENERAL HIGHWAY MAP
MARSHALL COUNTY
WEST VIRGINIA

PREPARED BY
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
PLANNING DIVISION

IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



DRIVING DIRECTIONS:

DRIVING DIRECTIONS:
FROM THE INTERSECTION OF HACKERS CREEK ROAD AND I-79N (EXIT 105) IN JANE LEW, WEST VIRGINIA; TRAVEL NORTH ON I-79 FOR ±92.4 MILES TO I-70W; BEAR LEFT ONTO I-70W AND TRAVEL ±20.9 MILES TO DALLAS PIKE (EXIT 11); TURN LEFT (EAST) ONTO DALLAS PIKE AND TRAVEL ±0.1 MILES TO MCCUTCHEON ROAD; TURN RIGHT (SOUTHWEST) ONTO MCCUTCHEON ROAD AND TRAVEL ±1.0 MILES; TURN LEFT (SOUTH) ONTO MCCUTCHEON ROAD AND TRAVEL ±0.7 MILES TO EXISTING SWN PRODUCTION COMPANY, LLC "CHARLES FRYE OHI" ACCESS ROAD; TURN LEFT (EAST) ONTO EXISTING ACCESS ROAD AND TRAVEL ±0.2 MILES TO EXISTING SWN PRODUCTION COMPANY, LLC "CHARLES FRYE OHI" GAS WELL PAD.

DRIVING PRECAUTIONS:
DRIVING DIRECTIONS NOT PROVIDED BY SWN.

DISTANCE / DIRECTION FROM NEAREST TOWN:

±1.7 MILES SOUTHEAST FROM VALLEY CAMP, WEST VIRGINIA 26059

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☼ EXISTING / PRODUCING WELLHEAD
- ⊗ ABANDONED WELL
- ⊗ PLUGGED & ABANDONED WELL
- △ CUT CONDUCTOR
- DRIVING DIRECTION ROUTE

COMPANY:

SWN
Production Company, LLC

SWN
Production Company, LLC
Environmental Protection

OPERATOR'S

CHARLES FRYE OHI

WELL #:

6H

LOCATION:

TRIDELPHIA DISTRICT,
OHIO COUNTY, WEST VIRGINIA

SURFACE HOLE LOCATION:

GEOGRAPHIC (NAD83):
LATITUDE: 40.053144°
LONGITUDE: -80.577062°

10/09/2015

BOTTOM HOLE LOCATION:

GEOGRAPHIC (NAD83):
LATITUDE: 40.037595°
LONGITUDE: -80.568828°

REVISIONS:

DATE: 08-25-2015

DRAWN BY: S. HUTSON

SCALE: 1" = 2 MILES

DRAWING NO: 59060

DRIVING DIRECTION MAP



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LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 28°48'20" E	1235'	SHL TO LANDMARK	PARCEL CORNER
L2	S 61°10'01" E	1918'	SHL TO LANDMARK	PARCEL CORNER
L3	S 72°51'37" W	24.49'	SHL TO REF. PNT.	CHARLES FRYE OHI 3H WELL HEAD (069-00079)
L4	S 50°43'21" E	13.51'	SHL TO REF. PNT.	CHARLES FRYE OHI 10H WELL HEAD (069-00091)
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	S 09°40'10" W	1808.32'		SHL TO LP
L6	S 34°15'51" E	4680.72'		LP TO BHL

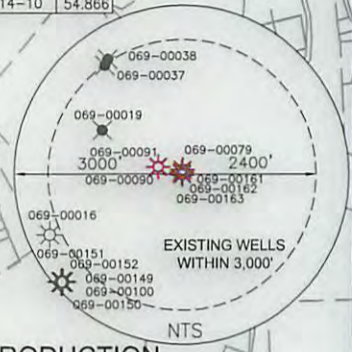
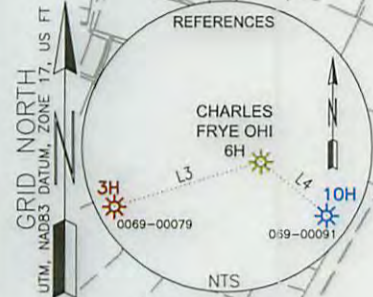
Latitude: 40°05'00"

Longitude: 80°32'30"

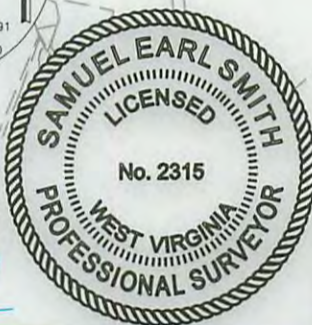
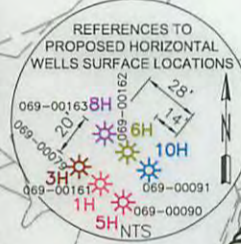
NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO OCCUPIED DWELLINGS AND AGRICULTURE BUILDINGS GREATER THAN 2500 SQ FT. WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, FONDS, 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.

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	CHARLES FRYE & DOROTHY FRYE (S) DOROTHY V FRYE (R)	06-T14-01	105.00
2	ZACHARY ALLAN MEYER (S) ZACHARY MEYER & JENNIFER MEYER (R)	06-T14-02	91.58
3	ROBERT F LEECH (S) ROBERT F LEECH & DEBORAH A LEECH (R)	06-T14-04	5.62
4	ROBERT F LEECH (S) ROBERT F LEECH & DEBORAH A LEECH (R)	06-T14-04.1	7.10
5	JUSTUS LUZADER JR, LIFE ESTATE (S) JUSTUS LUZADER JR (R)	06-T14-11	57.513
6	CHRISTY M BOPP (S/R)	06-T14-10	54.866



SURFACE HOLE LOCATION (SHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 40.053144°
	LONGITUDE: -80.577062°
UTM (NAD83, ZONE 17, FEET):	NORTHING: 14,546,366.538
	EASTING: 1,758,769.222
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,433,741.389
	EASTING: 536,073.931
LANDING POINT LOCATION (LPL):	
GEOGRAPHIC (NAD83):	LATITUDE: 40.048253°
	LONGITUDE: -80.578177°
UTM (NAD83, ZONE 17, FEET):	NORTHING: 14,544,583.908
	EASTING: 1,758,465.492
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,433,198.042
	EASTING: 535,981.354
BOTTOM HOLE LOCATION (BHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 40.037595°
	LONGITUDE: -80.568828°
UTM (NAD83, ZONE 17, FEET):	NORTHING: 14,540,715.528
	EASTING: 1,761,100.792
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,432,018.957
	EASTING: 536,784.595



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



(+) 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

CHARLES FRYE OHI
OPERATOR'S WELL #: 6H
API WELL #: 47 69 00162H6A
STATE COUNTY PERMIT

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

WATERSHED: MIDDLE WHEELING CREEK ELEVATION: 1267.5'

DISTRICT: TRIDELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE

SURFACE OWNER: CHARLES FRYE & DOROTHY FRYE ACREAGE: ±105.00

OIL & GAS ROYALTY OWNER: DOROTHY V FRYE ACREAGE: ±105.00

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 ESTIMATED DEPTH: 6,586' IVD 12,628' 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:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		08-25-2015
⊙ EXISTING / PRODUCING WELLHEAD	--- LEASE BOUNDARY	
⊘ ABANDONED WELL	--- 500' DHP BUFFER	
⊙⊘ PLUGGED & ABANDONED WELL	--- MARCELLUS DHP	
△ CUT CONDUCTOR	--- ABANDONED PATH	
		DRAWN BY: S. HUTSON
		SCALE: 1" = 2000'
		DRAWING NO: 59060
		WELL LOCATION PLAT

VIA FEDEREALEX EXPRESS OVERNIGHT

September 03, 2015

West Virginia Department of Environmental Protection- Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
RE: Charles Frye 1H, 6H, and 8H

Dear Sir and/or Madam,

Enclosed please find the original Well Operator's Report of Well Work and the frac focus report for the above referenced well. We are not able to provide the production related data at this time due to the wells not being on sales yet. We will update the forms as soon as the information is available. If there are any errors or questions feel free to contact me either by phone or email.

Regards,

Cody D. Magby
Sr. Staff Regulatory Analyst
Cody_magby@swn.com
832-796-6215

Enclosure; Charles Frye 1H, 6H, and 8H completion reports, and corresponding Frac Focus Reports

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Office of Oil and Gas
SEP 08 2015
Department of
Environmental Protection