

Latitude: 40°05'00"

SURFACE HOLE 9861'

Latitude: 40°05'00" BOTTOM HOLE

4129'

JACKSON SURVEYING

INC.

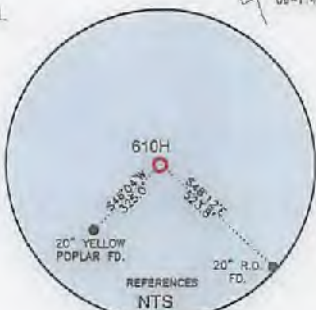
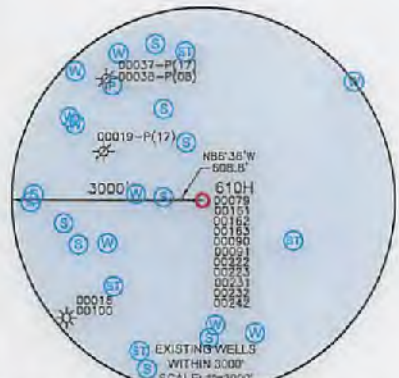
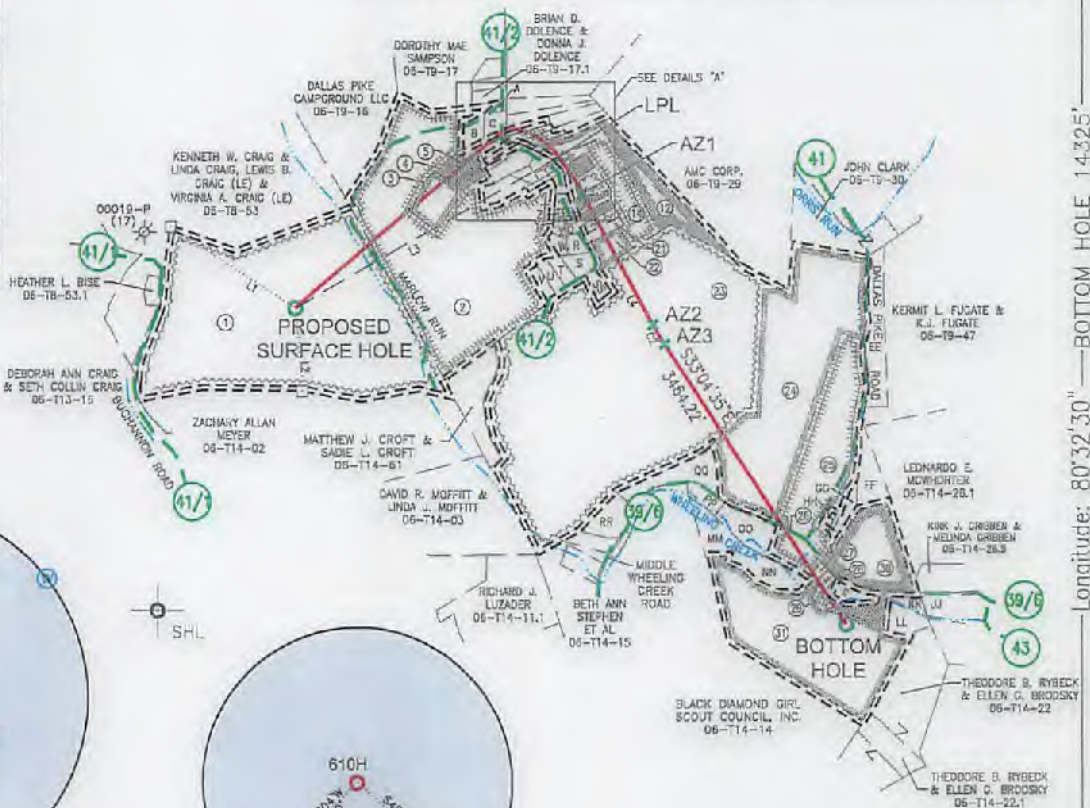
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

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



Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Includes lines L1-L4 and curves C1-C2.

Table with columns: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), AZIMUTH LOCATION-1 (AZ1), AZIMUTH LOCATION-2 (AZ2), AZIMUTH LOCATION-3 (AZ3), BOTTOM HOLE LOCATION (BHL). Each entry includes UTM coordinates.



WELL RESTRICTIONS

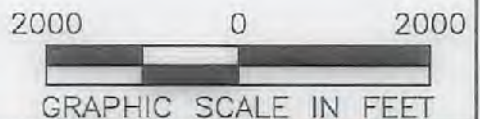
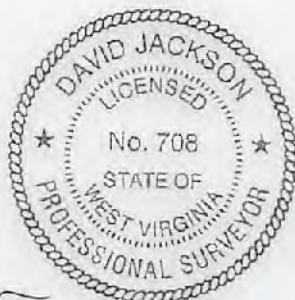
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 525 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS 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



COMPANY: SWN Production Company, LLC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
801 57TH STREET
CHARLESTON, WV 25034

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

OPERATOR'S WELL #: CHARLES FRYE OHI 610H
API WELL #: 47 069 00280
STATE COUNTY PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: MARLOW RUN OF MIDDLE WHEELING CREEK OF WHEELING CREEK (HUC-10) ELEVATION: 1266.9'
DISTRICT: TRIADDELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV
SURFACE OWNER: DOROTHY V. FRYE (LIFE ESTATE), DAVID W. FRYE (LIFE OCCUPANCY), AMY M. FRYE & CORRIE L. FRYE (REMAINDERMAN) ACREAGE: ±105.00
OIL & GAS ROYALTY OWNER: DOROTHY V. FRYE ACREAGE: ±105.00
DRILL [X] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [X] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [] (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,636 TMD 13,495 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

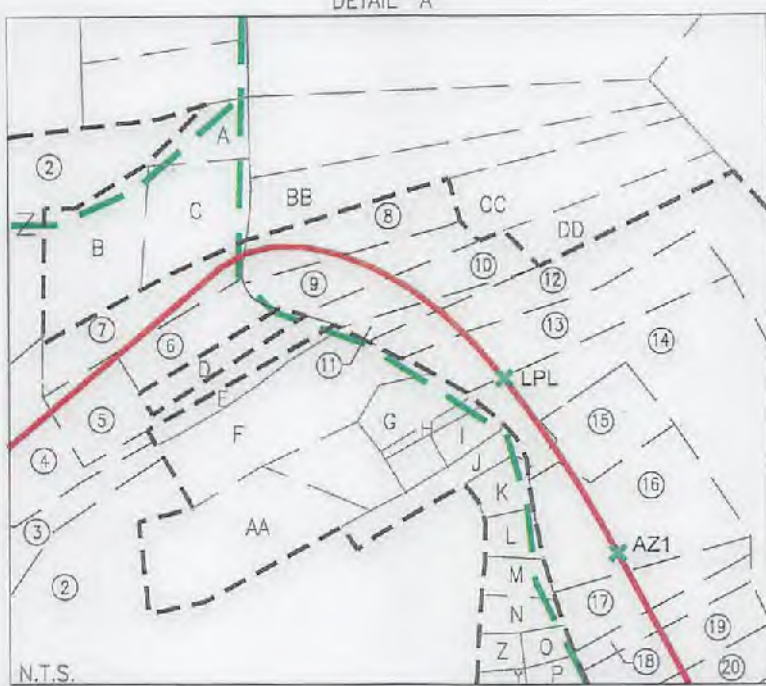
LEGEND:
PROPOSED SURFACE HOLE / BOTTOM HOLE
EXISTING / PRODUCING WELLHEAD
LPL: LANDING POINT LOCATION
EXISTING WATER WELL
EXISTING SPRING
SURVEYED BOUNDARY
DRILLING UNIT
LEASE BOUNDARY
PROPOSED PATH

REVISIONS:
DATE: 04-04-2018
DRAWN BY: N. MANO
SCALE: 1" = 2000'
DRAWING NO:
WELL LOCATION PLAT

47 069 00280

JACKSON SURVEYING
 INC.
 P.O. Box 1460
 677 W. Main St.
 Clarksburg, WV 26302
 304-623-5851



DETAIL "A"



N.T.S.

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			ADJOINING OWNERS TABLE					
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL			
1	DOROTHY V. FRYE (LIFE ESTATE), DAVID W. FRYE (LIFE OCCUPANCY), AMY M. FRYE & CORRIE L. FRYE (REMAINDERMEN) (S)/ DOROTHY FRYE (R)	06-T14-07	A	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.22			
			B	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.18			
			C	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.52			
			D	WILLIAM C. SCHUETZ & SANDRA SCHUETZ	06-T9-20.5			
2	GEORGE L. DUNN & NANCY M. DUNN, (LIFE ESTATE), KATHERINE A. POSEY, CHRISTOPHER R. DUNN, RHONDA L. HAND & CONSTANCE L. KERCHER (REMAINDERMAN) (S)	06-T9-20	E	SARAH ANN PORTER	06-T9-20.41			
			F	GEORGE L. DUNN & NANCY M. DUNN, (LIFE ESTATE), KATHERINE A. POSEY, CHRISTOPHER R. DUNN, RHONDA L. HAND & CONSTANCE L. KERCHER (REMAINDERMAN)	06-T9-20.2			
3	SARAH ANN PORTER (S)	06-T9-20.44	G	THOMAS E. POSEY & K.A. POSEY	06-T9-20.36			
4	PHILLIP MARQUART & KERSTEN MARQUART (S)	06-T9-20.45	H	THOMAS POSEY & KATHERINE A. POSEY	06-T9-20.42			
5	NICOLE SEIFERT (S)	06-T9-20.51	I	THOMAS POSEY & KATHERINE A. POSEY	06-T9-20.27			
6	WILLIAM C. SCHUETZ & SANDRA SCHUETZ (S)	06-T9-20.6	J	GEORGE L. DUNN & NANCY M. DUNN (LIFE ESTATE), KATHERINE A. POSEY, CHRISTOPHER R. DUNN, RHONDA L. HAND, CONSTANCE L. KERCHER (REMAINDERMEN)	06-T9-20.50			
7	JOSHUA R. & AMY M. BOYD (S)	06-T9-20.39	K	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20.30			
8	JAMES E. DUNN & D.M. DUNN (S)	06-T9-20.16						
9	JAMES E. DUNN & D.M. DUNN (S)	06-T9-20.8						
10	DAVID A. WILLIAMS & JANIE G. WILLIAMS (S)	06-T9-20.11						
11	DAVID A. WILLIAMS & JANIE G. WILLIAMS (S)	06-T9-20.13						
12	GEORGE L. DUNN & NANCY M. DUNN, (LIFE ESTATE), KATHERINE A. POSEY, CHRISTOPHER R. DUNN, RHONDA L. HAND & CONSTANCE L. KERCHER (REMAINDERMAN) (S)	06-T9-20				L	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20.29
						M	ROBERT J. ALOE	06-T9-20.23
						N	MICHAEL J. WHEELER	06-T9-20.31
						O	MICHAEL J. WHEELER	06-T9-20.34
13	MICHAEL P. ORTH & BRENDA K. ORTH (S)	06-T9-20.35				P	MICHAEL J. WHEELER	06-T9-20.28
14	BRADLEY W. HAND & R.L. HAND (S)	06-T9-20.38	Q	RICKY J. LANTZ & D.A. LANTZ	06-T9-20.25			
15	DAVID L. KOVALSKI III & JOCELYN N. KOVALSKI (S)	06-T9-20.48	R	BRENT A. HILL & PATTY J. HILL	06-T9-20.24			
			S	DONALD W. PEGG & J.L. PEGG	06-T9-20.1			
16	MICHAEL R. KLEIN (S)	06-T9-20.9	T	GARY FLANEGIN	06-T9-20.20			
17	JODY H. USENICK (S)	06-T9-20.12	U	MICHAEL W. NASH & C.J. NASH	06-T9-20.19			
18	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER (LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER (REMAINDERMAN) (S)	06-T9-20.33	V	LISA A. OLIVER	06-T9-20.21			
			W	BRENT A. HILL & PATTY J. HILL	06-T9-20.32			
			X	BRENT A. HILL & PATTY J. HILL	06-T9-20.47			
			Y	MICHAEL J. WHEELER	06-T9-20.37			
19	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER (LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER (REMAINDERMAN) (S)	06-T9-20.7	Z	MICHAEL J. WHEELER	06-T9-20.26			
			AA	CHRISTOPHER R. DUNN & TANAKA H. DUNN	06-T9-20.46			
			BB	JEREMY A. STEWART & AMANDA J. STEWART	06-T9-20.17			
			CC	JAMES E. DUNN & DONNA M. DUNN	06-T9-20.15			
20	THOMAS C. GANTZER, JR. & VICTORIA S. GANTZER (LIFE OCCUPANCY), THOMAS CHRISTIAN GANTZER (REMAINDERMAN) (S)	06-T9-20.4	DD	DAVID A. WILLIAMS & JANIE G. WILLIAMS	06-T9-20.14			
			EE	JOHN C. CLARK & REBECCA L. SOSKA	06-T14-25			
			FF	JOHN J. MISCOVICH	06-T14-23.2			
			GG	JOHN J. MISCOVICH	06-T14-24.2			
22	GREGG EDWARD BAMBARGER (S)	06-T9-20.10	HH	WAYNE SMITH & GRACE SMITH	06-T14-24.3			
23	JEFFREY D. MCKENZIE & F.M. MCKENZIE (S)	06-T14-12	II	RONALD L. MCCORMICK	06-T14-23.1			
24	AMC CORP. (S)	06-T14-24.1	JJ	GREGORY EDWARD SUPLER, JR.	06-T14-26			
25	GREGORY S. EDWARDS LEASING INC. (S)	06-T14-24	KK	JANIS C. NASH	06-T14-23.3			
26	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAY (S)	WHEELING RUN ROAD	LL	PAUL ANDERSON & VERNA ANDERSON	06-T14-23.6			
			MM	MICHAEL P. EBBERT	06-T14-23.7			
27	JOHN W. ORUM JR. & A.A. ORUM (S)	06-T14-23.4	NN	ERIC PATTISON & CAROLYN PATTISON	06-T14-23.8			
28	DOUGLAS BRIAN ORUM (S)	06-T14-23.9	OO	JOHN W. ORUM JR.	06-T14-24.4			
29	DOUGLAS BRIAN ORUM (S)	06-T14-23.5	PP	CLEATUS STILL	06-T14-24.5			
30	DOUGLAS BRIAN ORUM (S)	06-T14-23	QQ	ROBERT T. HEITZ & ELIZABETH R. HEITZ	06-T14-13			
31	JOHN W. ORUM JR. (S)	06-T14-23.10	RR	ELIZABETH ROSE HEITZ	06-T14-13.1			
			SS	THOMAS F. MCKENZIE & STEPHANIE N. MCKENZIE	06-T14-12.1			

06/15/2018

REVISIONS:	COMPANY:	 	
	OPERATOR'S	CHARLES FRYE OHI	
	WELL #:	610H	
	DISTRICT:	COUNTY:	STATE:
	TRIADPHIA	OHIO	WV
			DATE: 04-04-2018
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2