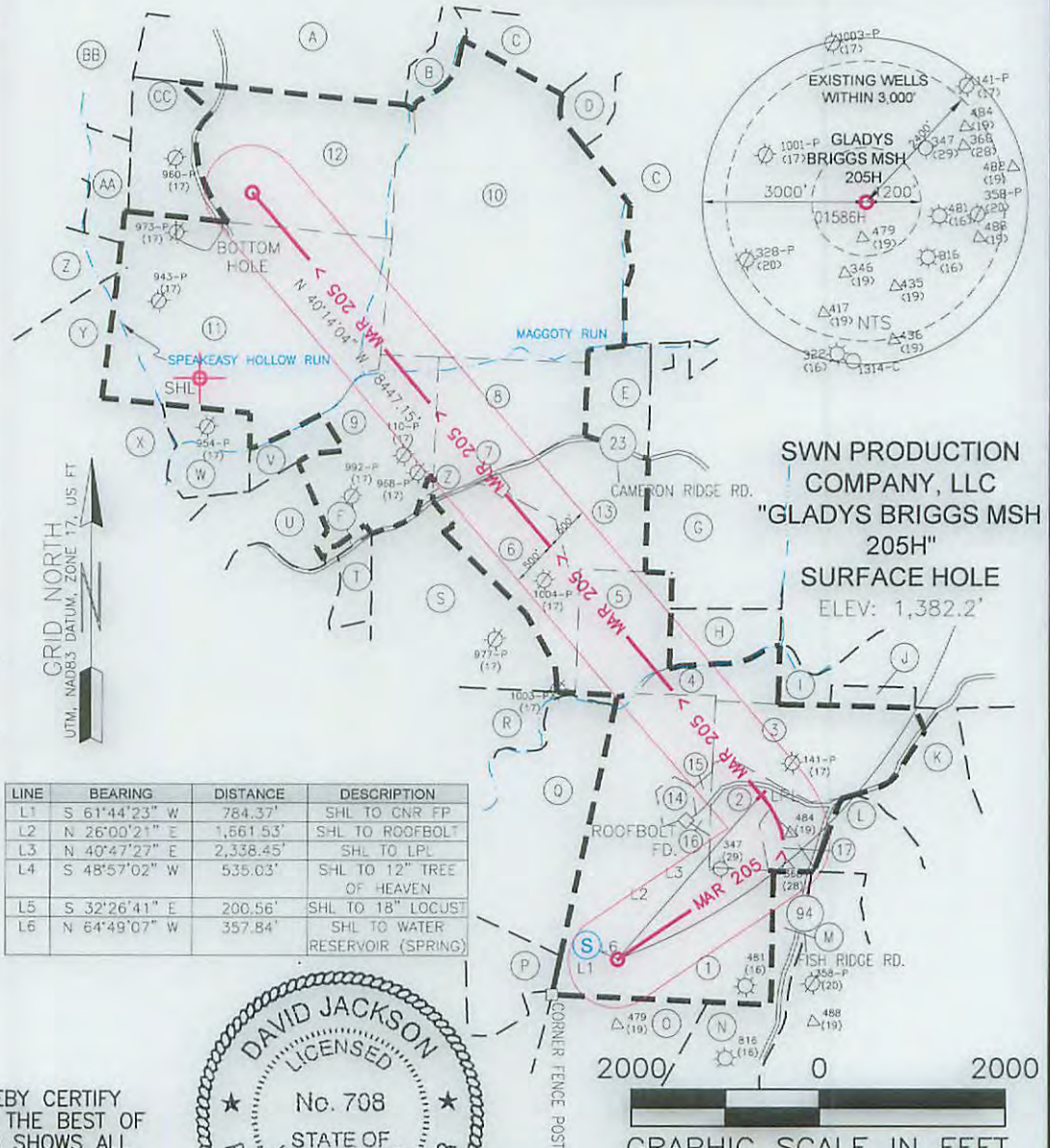
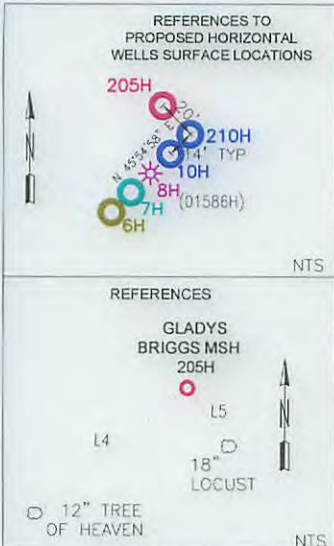


JACKSON SURVEYING INC.
 P.O. Box 1460
 677 W. Main St.
 Clarksburg, WV 26302
 304-623-5851

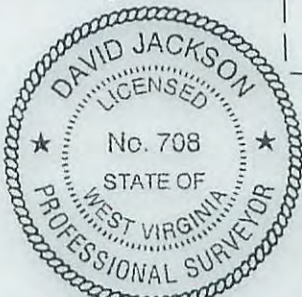
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,401,986.789 EASTING: 532,903.785
"LANDING POINT" LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,402,526.420 EASTING: 533,369.432
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,404,491.963 EASTING: 531,706.391

TRACT	SURFACE OWNER (S)/ROYALTY OWNER (R)	TAX PARCEL	ACRES
7	MARILYN V. CLARK (S)/ SARAH JANE KINGREE & BEN KINGREE II, ALEXANDER FOSTER REYNOLDS & EDITH REYNOLDS, ALEXANDER FOSTER REYNOLDS, AS COMMITTEE FOR ARTHUR REYNOLDS, AN INCOMPETENT PERSON, & GLADYS REYNOLDS	07-10-04.1	1.12
8	CHARLES R. CLARK (S)/ SARAH JANE KINGREE & BEN KINGREE II, ALEXANDER FOSTER REYNOLDS & EDITH REYNOLDS, ALEXANDER FOSTER REYNOLDS, AS COMMITTEE FOR ARTHUR REYNOLDS, AN INCOMPETENT PERSON, & GLADYS REYNOLDS	07-10-04	46.72
9	CHARLES R. CLARK (S)/S.N. COLE & DA COLE, HILDA PELL SINCO & MICHAEL SINCO, ALEXANDER FOSTER REYNOLDS, ADA REYNOLDS, ALEXANDER FOSTER REYNOLDS AS COMMITTEE FOR ARTHUR REYNOLDS, AN INCOMPETENT PERSON (R)	07-10-01	48.78
10	WAYNE E. GRAHAM JR. & GWYNOLYN L. GRAHAM (S)/ WILLIAM K. WALTON, MARIETTA STOVER, BY HER ATTORNEY-IN-FACT MARVIE S. ALEXANDER, MARGIE M. DAVENPORT (R)	07-07-04	156.00
11	RONALD WM. KASSERMAN (S)/ WILLIAM WOODBURN & ANN B. WOODBURN (R)	07-08-09	130.15

TRACT	SURFACE OWNER (S)/ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	JAMES RODNEY BRIGGS, ROGER JACOB BRIGGS, JOHN DEAN BRIGGS (S)/ DAVID BONAR, HARRISON J. BRIGGS & GLADYS R. BRIGGS (R)	7-16-02	121.43
2	PRESTON YEATER & HEATHER L. YEATER (S)/ JAMES M. RINE & MARY B. RINE, FRANK HOPKINS & AUSTIA M. HOPKINS (R)	07-16-29.4	17.91
3	VINCENT E. LEMASTERS (S)/ PEARL LOUGH F/K/A PEARL WILLIAMS, A JANE DAVIS, RONALD YOUNG, O.W. YOUNG A/K/A ORVILLE W. YOUNG, GUY BUZZARD, D. VANE STARKEY, HOWARD E. WILLIAMS, RALPH E. WILLIAMS, HARRY E. JOHNSON SR., JAMES L. MERCER & ELSIE J. MERCER, ALMA O. PIERCE, ELMOR M. HORNER A/K/A ELMOR MARIE HORNER, SANDRA K. DODD A/K/A SANDY K. DODD, DONALD L. WITHERS, WILLIAM G. WITHERS II, KAREN SUE VALLEE A/K/A KAREN SUE VALLEE, DELMAR W. WILLIAMS & MARY LOU WILLIAMS, NILE L. WILLIAMS, LARRY C. WILLIAMS, CHESTNUT HOLDINGS INC. (R)	07-10-24	44.08
4	JAMES M. CLARK (S)/ OLIVE PRENDERGAST (R)	07-10-09	15.00
5	MARILYN V. CLARK (S)/ OLIVE PRENDERGAST (R)	07-10-11	25.00
6	MARILYN V. CLARK (S)/ SARAH JANE KINGREE & BEN KINGREE II, ALEXANDER FOSTER REYNOLDS & EDITH REYNOLDS, ALEXANDER FOSTER REYNOLDS, AS COMMITTEE FOR ARTHUR REYNOLDS, AN INCOMPETENT PERSON, & GLADYS REYNOLDS	07-10-05	34.02



- NOTES ON SURVEY**
- COORDINATES 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 FIELD LOCATIONS.
 - THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 - NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
 - NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 1000 FEET OF THE LIMITS OF DISTURBANCE.
 - NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
 - ALL WELLS WITHIN 500' OF THE HORIZONTAL LEG ARE SHOWN ON THIS PLAT BASED UPON INFORMATION TAKEN FROM FROM DEP MAPPING, WELL PLATS AND AERIAL PHOTOS.



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

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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	OPERATOR'S WELL #: 205H API WELL #: 47 051 01873H6A
	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: FISH CREEK OF UPPER OHIO RIVER 2 DISTRICT: LIBERTY COUNTY: MARSHALL SURFACE OWNER: JAMES RODNEY BRIGGS, ROGER JACOB BRIGGS & JOHN DEAN BRIGGS OIL & GAS ROYALTY OWNER: DAVID BONAR; HARRISON J. BRIGGS & GLADYS R. BRIGGS

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 checked="" 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: 7,153' TVD 16,394' TMD
--	--	--

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

LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊗ EXISTING / PRODUCING WELLHEAD ⊘ ABANDONED WELL ⊙ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR	REVISIONS: △ CORRECTED TICK MARK 12-15-2015	DATE: 10-30-2015 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
---	---	---

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


TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
12	BLAINE E. STERN JR. (S) / DORIS J. LONG A/K/A DORIS JEANNINE LONG & ROBERT L. LONG; SARAH L. CLAYTON & RALPH L. CLAYTON, DEBRA L. FAIRCHILD A/K/A DEBRA LYNN FAIRCHILD, TERRY L. DOBBINS A/K/A TERRI LEE DOBBINS, MICHAEL T. BOGGS A/K/A MICHAEL TROY BOGGS, RUSSELL A. BOGGS A/K/A RUSSELL ALAN BOGGS, ROBERT E. BOGGS A/K/A ROBERT EARNEST BOGGS, HAROLD E. DOBBS A/K/A HAROLD ELWOOD DOBBS, RONALD W. KERNS, PATRICIA A. CECIL & WYLE J. CECIL, MARY L. LOGSDON, TERRY K. LOGSDON, CAROL J. DEBOLT & JACK E. DEBOLT, KAREN S. MCCONNELL, BILLIE JO CUNNINGHAM, J. RUSSELL LOGSDON, SHIRLEY E. BURTON, WILLIAM N. LOGSDON, JANICE LEE EARNEST A/K/A JANICE L. EARNEST, DONNA FAYE EARNEST A/K/A DONNA F. EARNEST, DOROTHY L. HARRIS, CYNTHIA L. HIPPENSTEAL & RICHARD T. HIPPENSTEAL, HILL E. CHUSS, HEIDI J. WALTON, LELA RICHTER WITMER A/K/A LELA WITMER, HURLESS T. RICHTER; JUDY KAY HUFF, JULIA E. HUFF, ROXIE GAIL SHEPARD ESTATE A/K/A ROXIE G. SHEPARD ESTATE, BY LELA RICHTER WITMER A/K/A LELA WITMER ACTING AS EXECUTRIX, PATSY ELLEN SHEPHERD, LLOYD RICHTER & DONNA E. RICHTER, DALE W. RICHTER & DELORES I. RICHTER. (R)	07-08-11	60.62
13	CHARLES R. CLARK & MARILYN V. WHIPKEY (S) / LOVINA CLARK; DORA REYNOLDS, REVERDY REYNOLDS & GOLDA F. REYNOLDS, SARAH JANE KINGREE & BEN KINGREE III, ALEXANDER FOSTER REYNOLDS & EDITH REYNOLDS, ALEXANDER FOSTER REYNOLDS, AS COMMITTEE FOR ARTHUR REYNOLDS, AN INCOMPETENT PERSON & GLADYS REYNOLDS. (R)	07-10-12	35.30
14	VINCENT E. LEMASTERS (S) / JAMES M. RINE & MARY B. RINE, FRANK HOPKINS & AUSTIA M. HOPKINS (R)	07-16-01	4.00
15	JACK BRIGGS (S) / DAVID BONAR, HARRISON J. BRIGGS & GLADYS R. BRIGGS (R)	07-16-02.1	1.02
16	JOHN D. BRIGGS & PATTY K. BRIGGS (S) / DAVID BONAR, HARRISON J. BRIGGS & GLADYS R. BRIGGS (R)	07-16-02.2	1.03
17	PRESTON A. YEATER & HEATHER L. YEATER (S) / JAMES M. RINE & MARY B. RINE, FRANK HOPKINS & AUSTIA M. HOPKINS (R)	07-16-29.2	4.92

ADJOINING OWNERS

TRACT	ADJOINING SURFACE OWNER (S)	TAX PARCEL	ACRES
A	BLAINE E. STERN JR. (S)	07-08-13	104.92
B	CONSOLIDATION COAL COMPANY (S)	07-07-03	12.00
C	TERRY L. STRAYER (S)	07-07-05	30.98
D	WAYNE E. GRAHAM (S)	07-07-05.1	5.82
E	PAMELA J. HOWARD (S)	07-10-15	15.51
F	ALVIN R. & JACKIE L. ANDERSON (S)	07-10-01.1	1.46
G	GARY RAY DOBBS ET AL (S)	07-10-18	131.97
H	JAMES M. CLARK (S)	07-10-10	14.68
I	HAROLD E. & ANITA RUSH (S)	07-10-23	41.13
J	HAROLD E. & ANITA RUSH (S)	07-10-23.1	1.33
K	WILLIAM A. & STEPHANIE F. YEATER (S)	07-16-29.3	41.50
L	THELMA YEATER (LIFE) (S)	07-16-29	40.41
M	GLADYS R. BRIGGS (S)	07-16-03	10.00
N	JACK J. BRIGGS (S)	07-16-05	37.88
O	MASON DIXON FARMS LLC (S)	07-16-06	69.72
P	MASON DIXON FARMS LLC (S)	07-17-19	22.80
Q	MCELROY COAL COMPANY (S)	07-10-08	50.77
R	DONALD G. BUZZARD ET UX (S)	07-10-07	184.13
S	ALVIN RICKEY ANDERSON ET AL (S)	07-10-06	63.19
T	PAUL & SUSAN ASTON (S)	07-09-26	8.50
U	CHARLES R. CLARK (S)	07-09-28.2	34.00
V	EILEEN HINERMAN (S)	07-09-25	5.00
W	GARY L. DOBBS (S)	07-09-24	18.00
X	PAUL & SUSAN ASTON (S)	07-09-21	100.00
Y	JOHN A. DOBBS ET UX (S)	07-09-23	60.25
Z	JOHN A. DOBBS ET UX (S)	07-08-08	51.97
AA	JOHN A. DOBBS ET UX (S)	07-08-04	65.65
BB	DANNY R. & FRANCES V. KERNS ESTS. (S)	07-08-02	94.00
CC	BLAINE E. STERN JR. (S)	07-08-12	33.00

RECEIVED
 Office of Oil and Gas
 NOV 03 2015
 WV Department of
 Environmental Protection

01/08/2016

REVISIONS:	COMPANY:	 	
	OPERATOR'S	GLADYS BRIGGS MSH	DATE: 10-30-2015
	WELL #:	205H	DRAWN BY: N. MANO
	LOCATION:	LIBERTY DISTRICT, MARSHALL COUNTY, WEST VIRGINIA	SCALE: N/A
			DRAWING NO: ADJOINING OWNERS