



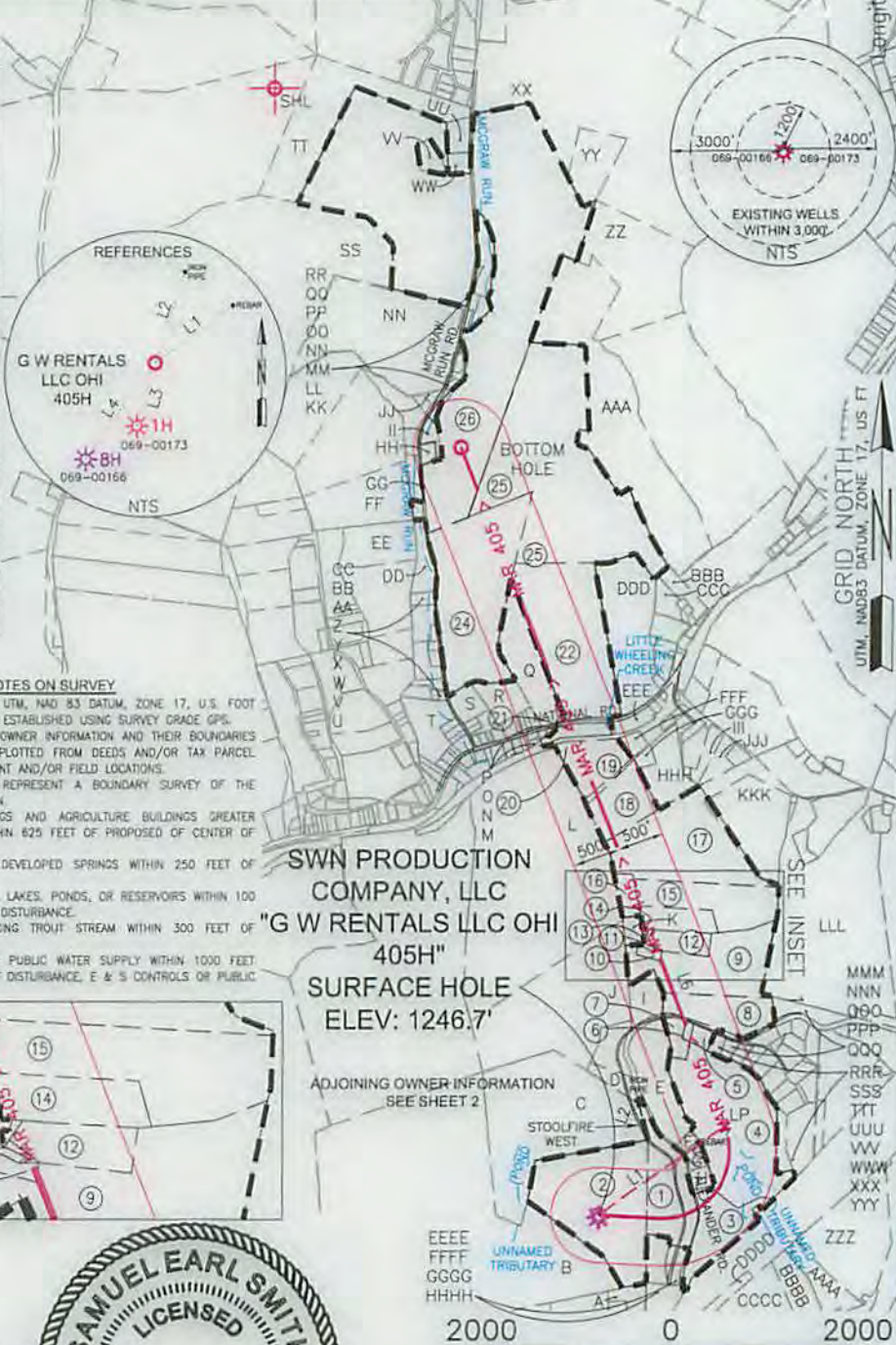
320 O'Bryan Lane • Van Buren, AR 72956
Office: 479.474.7916 • Fax: 479.474.2450
Surveying • handa-inc.com

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 53°34'40" E	1296.49'	SHL TO LANDMARK	5/8" REBAR SET
L2	N 18°15'27" E	1279.28'	SHL TO LANDMARK	1" IRON PIPE
L3	S 16°05'08" W	29.41'	SHL TO REF. PNT.	G W RENTALS LLC OHI 1H WELL HEAD 069-00173
L4	S 35°15'34" W	54.91'	SHL TO REF. PNT.	G W RENTALS LLC OHI 8H WELL HEAD 069-00168
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	N 54°56'02" E	1541.21'		SHL TO LP
L6	N 21°27'35" W	7646.28'		LP TO BHL

Latitude: 40°05'00"

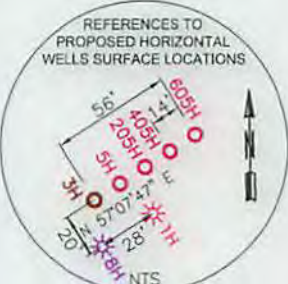
Longitude: 80°32'30"
3269'

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	GW RENTALS, LLC (S) LEE J. GLESSNER & GARY W. GLESSNER (R)	6-19-5	13.96
2	GW RENTALS, LLC (S) LEE J. GLESSNER & GARY W. GLESSNER (R) JAMES Z. CHAMBERS (R) JEFFREY S. CHAMBERS (R) JUDY LYNN CHAMBERS (R)	6-19-5.1	27.66
3	SAMUEL LEE HARRIS SR., TRUSTEE OF THE ROBERT EDWARD LEE HARRIS & SAMUEL LEE HARRIS JR. IRREVOCABLE TRUST (S/R)	6-19-57	9.31
4	JOSEPH M. TEAGARDEN & MARLA M. TEAGARDEN (S) VICTOR A. WOOD & JENNA P. WOOD (R)	6-14-4.30	33.32
5	PAUL J. WINTERS & LINDA A. WINTERS (S/R)	6-14-4.20	1.06
6	PAUL J. WINTERS & LINDA A. WINTERS (S/R)	6-14-4.18	0.45
7	HOWARD A. WALLS III & TERESA L. WALLS (S/R)	6-14-4.24	1.77
8	GW RENTALS, LLC (S/R)	6-14-4	10.68
9	THOMAS DOEPKEN (S/R)	3-14-14	25.00
10	JOHN W. GRAMLICH JR. & KATHLEEN M. GRAMLICH (S/R)	3-14-14.11	0.50
11	JOHN W. GRAMLICH JR. (S/R)	3-14-14.9	0.21
12	JOHN W. GRAMLICH JR. (S/R)	3-14-14.7	3.04
13	WILLIAM E. WARD & LOLLYANNE G. WARD (S/R)	3-14-14.8	0.15
14	LARRY R. LEWIS & MISON LEWIS (S/R)	3-14-14.15	0.21
15	WILLIAM E. WARD & LOLLYANNE G. WARD (S/R)	3-14-14.5	9.74
16	JAMES RICHARD HALL JR. & MELISSA RENEE HALL (S/R)	3-14-14.14	1.99
17	WILLIAM E. WARD & LOLLYANNE WARD (S/R)	3-14-14.4	18.34
18	JAMES E. LAUDERMILT, JR. & ASHLEY L. LAUDERMILT (S) JUDY E. ROMAGNOLI (R)	3-14-4	8.62
19	RICHARD K. DERROW & ALICIA DERROW (S/R)	3-14-3	6.74
20	VALLEY GROVE VOLUNTEER FIRE DEPARTMENT, INC. (S/R)	8-V09-93	14.80
21	MARSHA A. STARKEY (S/R) BARBARA A. JENKS (S/R)	8-V07-18	1.93
22	LYNN REUSSER & YVONNE REUSSER (S/R)	8-V07-24.1	25.87
24	WILLIAM S. PATTERSON III & DAWN E. PATTERSON (S/R)	3-14-2/2	32.26
25	LYNN REUSSER & YVONNE REUSSER (S/R)	3-14-20.1	66.28
26	MICHAEL D. VARGO & MELISSA JEAN VARGO (S/R)	3-L11-10	131.07

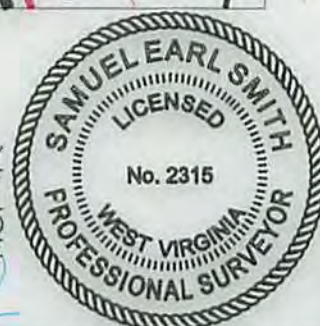


NOTES ON SURVEY

- 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 CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, 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.



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,100.581 EASTING: 537,042.622
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,387.967 EASTING: 537,452.031
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,556.867 EASTING: 536,599.562



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.

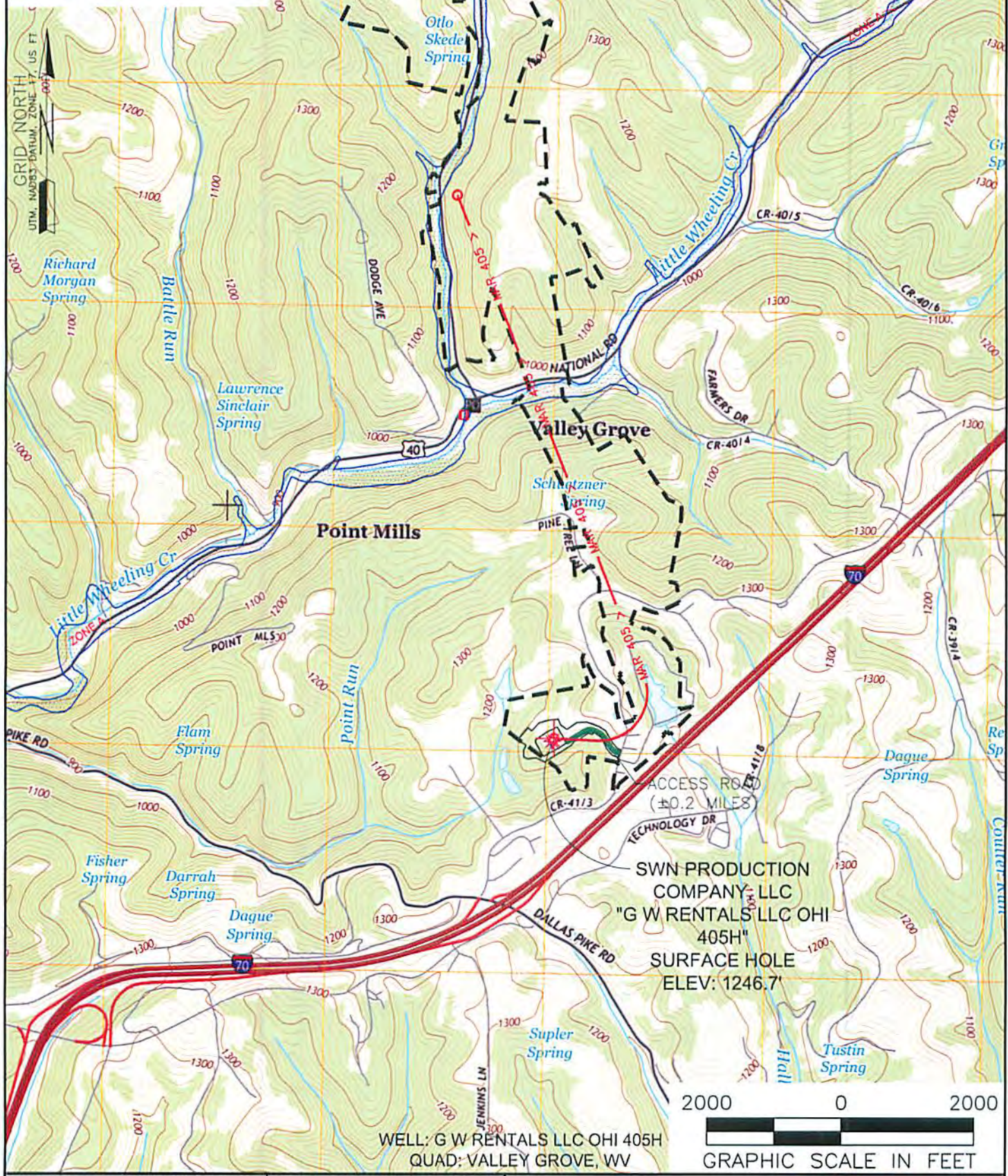
P.S. 2315 *Samuel Earl Smith*

(+) 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 SWN Production Company™ OPERATOR'S WELL #: 405H API WELL #: 47 STATE 69 COUNTY 00196
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input 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: WHEELING CREEK DISTRICT: TRIADELPHIA COUNTY: OHIO SURFACE OWNER: GW RENTALS, LLC. OIL & GAS ROYALTY OWNER: LEE J GLESSNER & MARK W GLESSNER, JAMES Z CHAMBERS, JEFFREY S CHAMBERS, & JUDY LYNN CHAMBERS ACREAGE: ±27.66

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **09/25/2015**
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,527' TVD 15,839' 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 ✕ ABANDONED WELL ✕ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR --- LEASE BOUNDARY --- 500' DHP BUFFER --- MAR 1 --- MARCELLUS DHP --- ABANDONED PATH	REVISIONS: △ REVISED DIRECTIONAL PATH, 08-06-2015 △ ADDED ADJACENT PARCELS, 08-14-2015 △ ADDED ADJACENT PARCEL OWNERS, TAX MAP PARCEL NUMBER, & ACREAGE, 09-10-2015	DATE: 09-01-2015 SEE INSET SHEET 2 DRAWN BY: S. HUTSON SCALE: 1" = 2000' DRAWING NO: 59091 WELL LOCATION PLAT
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WELL: G W RENTALS LLC OHI 405H
QUAD: VALLEY GROVE, WV

2000 0 2000
GRAPHIC SCALE IN FEET

NAME AND DISTANCE TO THE NEAREST STREAM: AN UNNAMED TRIBUTARY OF POINT RUN IS LOCATED ±0.15 MILES NORTHWEST 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		FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM UNINCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0080D; EFFECTIVE JULY 17, 2006.		OPERATOR'S G W RENTALLS LLC OHI WELL #: 405H LOCATION: TRIADELPHIA DISTRICT, OHIO COUNTY, WEST VIRGINIA RECEIVED Office of Oil and Gas SEP 17 2015 WV Department of Environmental Protection	
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ✱ EXISTING / PRODUCING WELLHEAD ✱ ABANDONED WELL ✱ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR (S) EXISTING SPRING (W) EXISTING WATER WELL — ACCESS ROAD — ACCESS ROAD TO PREV. SITE — HIGHWAY/INTERSTATE — COUNTY ROAD		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.074357° LONGITUDE: -80.565570° BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.096506° LONGITUDE: -80.570627°		REVISIONS: △ REVISED DIRECTIONAL PATH, 08-06-2015 DATE: 09-01-2015 DRAWN BY: S. HUTSON SCALE: 1" = 2000' DRAWING NO: 59091 TOPOGRAPHIC MAP	